

MINUTES

COUNCIL MEETING

Tuesday 26 October 2021
6:00 pm

Virtual Meeting

LIVE STREAMED ON THE CITY'S WEBSITE:

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COUNCIL:

Cr S Asher (Bellarine Ward) - Mayor
Cr T Sullivan (Bellarine Ward) - Deputy Mayor
Cr J Mason (Bellarine Ward)
Cr E Kontelj (Brownbill Ward)
Cr S Mansfield (Brownbill Ward)
Cr P Murrihy (Brownbill Ward)
Cr B Harwood (Kardinia Ward)
Cr B Moloney (Kardinia Ward)
Cr R Nelson (Kardinia Ward)
Cr A Aitken (Windermere Ward)
Cr K Grzybek (Windermere Ward)

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Present: Cr S Asher (Mayor), Cr T Sullivan (Deputy Mayor), Crs A Aitken, K Grzybek, B Harwood, E Kontelj, S Mansfield, P Murrhiy, B Moloney

Also Present: M Cutter (Chief Executive Officer), G Smith (Director Planning, Design and Development), G Wilson-Browne (Director City Services), S McKew (Manager Governance).

Opening: The Mayor declared the meeting open at 6.00pm.

1. PROCEDURAL MATTERS

1.1. Acknowledgement of Country

Council acknowledges Wadawurrung Traditional Owners of this land and pays its respect to all Elders past and present and to all Aboriginal and Torres Strait Islander People who are part of the Greater Geelong community today.

1.2. Apologies

Cr J Mason (Leave of Absence), Cr R Nelson

1.3. Leaves of Absence

Cr Grzybek moved, Cr Harwood seconded -

That Leave of Absence be granted to Cr Sullivan for the period 27 October to 18 November 2021, inclusive.

Carried

1.4. Declarations of Conflicts of Interest

Cr Harwood declared a Conflict of Interest in Agenda Items 2.7 Gambling Harm Minimisation Council Policy – Draft, Item 2.8 G21 and AFL Barwon “Towards 2030 Strategy” and Item 2.9 Sport and Recreation Victoria Grant Programs 2021-2022 in that Cr Harwood has recently been appointed Regional General Manager of AFL Barwon.

1.5. Confirmation of Minutes

Cr Kontelj moved, Cr Sullivan seconded -

That the Minutes of the Council Meeting held on 28 September 2021 be confirmed.

Carried.

2.12. Amendment C399ggee Armstrong Creek NVPP Correction – Consideration of Panel Report and Adoption

Source: City Planning & Economy
Director: Gareth Smith

Purpose

1. To consider the Panel Report on Amendment C399ggee and adopt the Amendment.

Background

2. Shortly after the original Native Vegetation Precinct Plans (NVPPs) for the Armstrong Creek Town Centre and Horseshoe Bend Precincts were gazetted, the Department of Environment, Land, Water and Planning updated the way that offsets were calculated. Generally, this correction results in a reduction of species-specific offsets required, and an increase in general offsets being required for the removal of any native vegetation that is permitted to be removed under these two NVPPs.
3. The proposed changes to the NVPPs are to implement this up-dated methodology for the calculation of native vegetation offsets, no changes to the status of native vegetation in either precinct are proposed, i.e. there will be no native vegetation that was originally to be retained that can now be removed or vice versa.

Key Matters

4. Exhibition of the Amendment in March/April 2020 resulted in two submissions.
5. The submissions were considered by Council Officers under delegation on 21 December 2020 and it was resolved to submit all submissions to an Independent Panel appointed by the Minister for Planning.
6. Following a hearing held on 3 March 2021 the Panel Report dated 7 April 2021 was received by Council. Under Section 27 of the Planning and Environment Act 1987, the Planning Authority must consider the Panel's report before deciding whether or not to adopt the Amendment.
7. The Panel found the Amendment to be strategically justified by policy and recommends that the Amendment be adopted with changes.
8. The changes to the exhibited Amendment recommended by the Panel relate to specific drafting and content improvements to Urban Growth Zone Schedules 4 (Armstrong Creek Horseshoe Bend Precinct) and 5 (Armstrong Creek Town Centre Precinct), and the Native Vegetation Precinct Plan that applies to each precinct. Council officers support the panel's recommended changes.
9. Amendment C399ggee therefore changes the following Greater Geelong Planning Scheme provisions recommended for adoption:
 - 9.1 Schedule 4 to Clause 37.07 Urban Growth Zone (UGZ4);
 - 9.2 Schedule 5 to Clause 37.07 Urban Growth Zone (UGZ5);
 - 9.3 Schedule to Clause 52.16 Native Vegetation Precinct Plan; and
 - 9.4 Schedule to Clause 72.04 Documents incorporated in this planning scheme.

RESOLUTION - Item 2.12

Cr Grzybek moved, Cr Harwood seconded -

That Council:

- 1. Adopt Amendment C399ggee Armstrong Creek NVPP Correction in the form outlined in Attachments 3 to 8 of this report; and**
- 2. Submit the adopted Amendment C399ggee together with the prescribed information to the Minister for Planning requesting approval.**

Carried

Financial Sustainability

10. There will be no financial implications for Council as a result of the adoption of this Amendment.

Community Engagement

11. The Amendment was exhibited in accordance with the provisions of the Planning and Environment Act 1987 from Thursday 19 March 2020 until Monday 20 April 2020.

Social Equity and Sustainability

12. The amendment will result in a positive social impact by facilitating the more efficient and effective use of the land.

Relevant Law/Policy/Legal Implications

13. The Amendment supports the following State Policies from the Planning Policy Framework:

- 13.1. Clause 12.01-1S Protection of Biodiversity;
- 13.2. Clause 12.01-2S Native Vegetation Management; and
- 13.3. Clause 12.05-3 Biodiversity.

14. The Amendment supports the following Policies from the Local Planning Policy Framework:

- 14.1. Clause 22.11 Armstrong Creek Urban Growth Area; and
- 14.2. Clause 22.11-2 Objectives.

Alignment to Community Plan and Vision

15. This report aligns with Our Community Plan 2021-2025 strategic priority: Sustainable growth and environment.
16. The report aligns with the Community led 30-year Vision, “Greater Geelong: A Clever and Creative Future” community aspiration:
Sustainable development that supports population growth and protects the natural environment.

Conflict of Interest

17. No officer involved in the preparation of this report declared as a general or material conflict of interest.

Risk Assessment

18. There are no identified risks associated with implementing the recommendations contained in this report.

Environmental Sustainability

19. The proposed Amendment C399ggee will facilitate the assessment of any proposed offset requirements associated with applications for the removal of native vegetation.

Attachments

1. Attachment 1 - Discussion [**2.12.1** - 8 pages]
2. Attachment 2 - Instruction Sheet [**2.12.2** - 1 page]
3. Attachment 3 - Clause 37.07-4 [**2.12.3** - 7 pages]
4. Attachment 4 - Clause 37.07-5 [**2.12.4** - 12 pages]
5. Attachment 5 - Clause 52.16 - Schedule [**2.12.5** - 1 page]
6. Attachment 6 - Clause 72.04 - Schedule [**2.12.6** - 3 pages]
7. Attachment 7 - Native Vegetation Precinct Plan - Armstrong Creek Town Centre Precinct [**2.12.7** - 52 pages]
8. Attachment 8 - Native Vegetation Precinct Plan - Horseshoe Bend Precinct Armstrong Creek Urban Growth Area [**2.12.8** - 110 pages]

Discussion

The Planning Panel found as follows:

1 Planning Context

1.1 Planning policy framework

Council submitted that the Amendment is supported by various clauses in the Planning Policy Framework, which the Panel has summarised below.

Victorian planning objectives

The Amendment will assist in implementing State policy objectives set out in section 4 of the Act by providing for the fair, orderly and sustainable development of land where environmental, social and economic effects are recognised.

Clause 12 (Environment and Landscape Values)

The Amendment supports Clause 12 by:

- Using biodiversity information to identify important areas of biodiversity and to assist in the identification, protection and management of important areas of biodiversity (Clause 12.01-1S)
- Ensuring that there is no net loss to biodiversity as a result of the removal, destruction or lopping of native vegetation (Clause 12.01-2S), by providing for an offset to compensate for the biodiversity impact from the removal, destruction or lopping of native vegetation.

Clause 21 (the Municipal Strategic Statement)

The Amendment supports the MSS by:

- Ensuring land use and development seeks to protect, maintain and enhance the biodiversity of the municipality and ensure land use and development minimises the fragmentation of areas of native vegetation and other habitats (21.05-3 Biodiversity).
- Protecting and enhancing the natural environmental features of the Armstrong Creek area (21.11 – Armstrong Creek Urban Growth Area).

1.2 Planning scheme provisions

A common zone and overlay purpose is to implement the Municipal Planning Strategy and the Planning Policy Framework.

(i) Zones

The land is in the UGZ – Schedules 4 and 5. The purposes of the Zone include:

- To manage the transition of non-urban land into urban land in accordance with a precinct structure plan.
- To provide for a range of uses and the development of land generally in accordance with a precinct structure plan.
- To contain urban use and development to areas identified for urban development in a precinct structure plan.

Within Schedule 4, *Armstrong Creek Horseshoe Bend Precinct Structure Plan, September 2014*, at Clause 5, Referral and Notice, it states:

Notice of an application that relates to land containing native vegetation identified by the *Native Vegetation Precinct Plan - Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, August 2014* as an offset site, must be given to the Department of Environment and Primary Industries.

A permit application proposing the removal of vegetation identified in the *Native Vegetation Precinct Plan - Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, August 2014* as 'retained' vegetation must be referred to the Department of Environment and Primary Industries. An application must include GIS data of the vegetation to be removed in ESRI shapefile format with the appropriate spatial attributes to the satisfaction of the Department of Environment and Primary Industries.

Within Schedule 5, *Armstrong Creek Town Centre Precinct Structure Plan*, at Clause 4.1, Native Vegetation, it states:

A planning permit must include a condition or conditions which ensure that any requirements or conditions set out in the *Armstrong Creek Town Centre Precinct Structure Plan* and the *Armstrong Creek Town Centre Native Vegetation Precinct Plan* are implemented as part of the planning permit or the plans endorsed under the planning permit.

At Clause 5.0 it states:

Notice of an application that relates to land containing native vegetation identified by the *Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014* as an offset site, must be given to the Department of Environment, Land, Water and Planning.

A permit application proposing the removal of vegetation identified in the *Native Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014* as 'retained' vegetation must be referred to the Department of Environment, Land, Water and Planning. An application must include GIS data of the vegetation to be removed in ESRI shapefile format with the appropriate spatial attributes to the satisfaction of the Department of Environment, Land, Water and Planning.

The '*Armstrong Creek Town Centre Native Vegetation Precinct Plan (March 2014)*' and the '*Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, August 2014*' are listed as Incorporated Documents at the schedule to Clause 72.04.

(ii) Other provisions

Other relevant provisions include:

- Clause 52.16 Native Vegetation Precinct Plan.
- Clause 72.04 Documents Incorporated in this Planning Scheme.

1.3 Ministerial Directions

Ministerial Directions

The Explanatory Report discusses how the Amendment meets the relevant requirements of Ministerial Direction 11 (Strategic Assessment of Amendments) and Ministerial Direction No. 17 Localised Planning Statements.

1.4 Discussion and conclusion

For the reasons set out in the following chapters, the Panel concludes that the Amendment is supported by, and implements, the relevant sections of the PPF,

and is consistent with the relevant Ministerial Directions and Practice Notes. The Amendment is strategically justified and largely administrative, and the Amendment should proceed subject to some modified wording in both the UGZ Schedules 4 and 5 and in the NVPPs, as raised in submissions and discussed in the following chapters.

2 Updates to the Native Vegetation Precinct Plans

No submitter opposed the changes to the NVPPs to revise the methodology for calculating the specific offsets based on the 21 October 2015 changes, however DELWP submitted that there should also be other changes made to the NVPPs to correct some anomalies.

2.1 Relevant plan

There are two NVPPs that are relevant, being:

- Armstrong Creek Town Centre Native Vegetation Precinct Plan (March 2014)
- Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, (August 2014).

2.2 Submissions

DELWP advised that in addition to updating the revised offset calculations, that the Amendment provided an opportunity to make some minor edits to the NVPPs to improve clarity. The exhibited version of the NVPP for Armstrong Creek Town Centre was dated October 2019 and included the following revisions:

- Revised offset calculations based on changes to DELWP protocol
- Updated to scattered tree retention
- Addition of Table 6.2
- Updates to Tables 1, 2, 3, and 5.1
- Deletion of Appendix 2
- Addition of note on all tables regarding property addresses.

Following discussions and questions from the Panel at the hearing, some supplementary information was prepared by DELWP outlining the further recommended changes to the NVPP's (dated 9 March 2021):

- Proposed changes to columns in Tables 5.1 and 6.1 in the Armstrong Creek Town Centre NVPP and to Tables 5 and 7 in the Horseshoe Bend NVPP. Add a column in each table headed "Minimum Strategic Biodiversity Score".
- Proposed change in Table 5 of the Horseshoe Bend NVPP. Condense the two rows for Habitat Zone GW9a-2 so that information for the specific offsets and general offsets appears in separate sub-rows within a single overall row.

Council submitted that they were generally supportive of the suggested amendments, however given the expenses involved in revising the NVPPs, have sought to refrain from undertaking the changes pending the Panel report.

2.3 Discussion

The changed offset requirements will typically result in a greater general offset

requirements and a reduced specific offset requirement than the existing NVPP's, however this is consistent with the methodology for calculating offsets adopted by DELWP since 2015. Further as explained by DELWP, the revised calculations more precisely apply specific offsets for threatened species and general offsets for native vegetation patches, whereas the 2013 method applied the requirement for specific offsets across the entire native vegetation patch, even if the extent of threatened vegetation only formed part of the overall native vegetation patch.

No submitter raised concerns with either the changed methodology or the revised changes to the NVPP's dated October 2019 as exhibited. The additional changes sought by DELWP as raised at the hearing were also supported by Council. These changes generally fixed duplicated provisions; clarified addresses of native vegetation areas; and made changes to tables to improve clarity.

The Panel is satisfied that the additional changes proposed by DELWP improve the clarity and useability of the NVPPs without changing the extent of vegetation to be retained or removed or making any other material change.

The date of the NVPPs as exhibited was October 2019 (Town Centre) and November 2019 (Horseshoe Bend), however with the further changes proposed by DELWP, a further change to the date will need to be included (ie amended month year).

2.4 Conclusions and recommendations

The Panel concludes:

- The changes to the NVPPs are appropriate and the additional changes recommended by DELWP and agreed to be Council should be made to the NVPPs, with an updated revised report date.

The Panel recommends:

1. **That the revised Native Vegetation Precinct Plans are incorporated into the Planning Scheme, by:**
 - a) **Updating the Schedule to Clause 72.04 Documents Incorporated in this Planning Scheme to reference the updated Armstrong Creek Town Centre Native Vegetation Precinct Plan, March 2014 and Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Growth Area, August 2014 with the applicable amended report dates (month and year).**
 - b) **Updating the Schedule to Clause 52.16 Native Vegetation Precinct Plan by reference to the updated Armstrong Creek Town Centre Native Vegetation Precinct Plan, March 2014, and Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Growth Area, August 2014, with the applicable amended report dates (month and year).**

3 Changes to the Urban Growth Zone Schedules

3.1 The issues

The issue was whether the wording changes under Clause 4.2 of Schedule 4 to the UGZ is appropriate or could be improved.

3.2 Relevant provisions

The Amendment as exhibited contains the following (tracked

changes) provisions: Schedule 4 to Clause 37.07

Clause 4.2 Subdivision, of Schedule 4 to the UGZ, the Amendment seeks to change the fifth dot point under 'Design response' as follows:

An assessment ~~against to~~ by a suitably qualified professional to confirm that the proposed subdivision layout will minimise and offset loss pursuant to the ~~Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines~~ Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines (DEPI, 2013) for all trees identified as 'practical retention trees' in the ~~Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan~~ Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area August 2014 (Amended November 2019).

At Clause 5.1 Referral and notice, the updated versions of the NVPP's are to be referenced, and the name of the department changed from Department of Environment and Primary Industries to Department of Environment, Land, Water and Planning. At Clause 6.3 Requirements for Native Vegetation the updated versions of the NVPP's are to be referenced.

Schedule 5 to Clause 37.07

At Clause 3.3 Subdivision applications, of Schedule 5 to the UGZ, the Amendment seeks to change the seventh dot point under 'Design response' as follows:

An assessment ~~to,~~ by a suitably qualified professional to confirm that the proposed subdivision layout will minimise and offset loss pursuant to the ~~Permitted Clearing of Native Vegetation - Biodiversity Assessment Guidelines~~ Permitted Clearing of Native Vegetation - Biodiversity Assessment Guidelines (DEPI, 2013) for all the vegetation identified for practical retention within the Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014 (Amended October 2019).

The updated versions of the NVPP's are to be referenced at Clause 4.1 Native vegetation, Clause 5.0 Referral, Clause 7.0 Decision guidelines and Clause 8.0 References. Other minor typographical errors are also to be corrected.

3.3 Submissions

DELWP submitted that the changes to the fourth dot point at Clause 4.2 Design response, that introduces the specific reference to "subdivision layout" could inadvertently narrow the focus of consideration of minimising and offsetting native vegetation loss to just the subdivision layout, rather than to all aspects of subdivision, including lot design, location of utilities etc.

DELWP also questioned whether the introduction of the reference to "suitably qualified professional" may constitute a material change to the schedules, and while DELWP anticipates that applicants are likely to engage a relevant consultant they did not consider this to be mandatory.

Accordingly, DELWP suggested the following re-wording of these dot points as follows:

- **Schedule 4:** An assessment to confirm that the application will avoid, minimise and offset loss pursuant to the Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines (DEPI 2013) for all the vegetation identified as 'practical retention trees' in the Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan August 2014 (Amended

November 2019).

- **Schedule 5:** An assessment to confirm that the application will avoid, minimise and offset loss pursuant to the Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines (DEPI 2013) for all the vegetation identified for as ‘practical retention trees’ within the Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014 (Amended October 2019).

In the supplementary submission to the Panel, DELWP noted that if the additional minor edits are undertaken, a revised dated version of the NVPP’s should be included.

DFC (Ashbury) Pty Ltd, a related entity of the Dennis Family Corporation (DFC), while generally supportive of the Amendment, also considered that the wording somewhat confusing and may lead to delays in assessment. They submitted:

- that it is unusual to require an ecologist / arboriculturist to confirm that a subdivision layout itself was acceptable as opposed to being required to provide an assessment of the vegetation
- that an assessment of subdivision layout may not include factors outside the expertise of the ecologist that should also be considered
- that it was not clear how such an assessment is able to confirm that the subdivision layout will offset vegetation loss pursuant to the guidelines; and
- as drafted, considerable weight would be given the retention of vegetation identified for ‘practical retention’, noting that this vegetation is considered removed under both NVPPs, and retention would likely be based on aesthetic / landscape value rather than conservation.

DFC (Ashbury) Pty Ltd also queried whether the reference to the DEPI 2013 Permitted Clearing of Native Vegetation - Biodiversity Assessment Guidelines is correct.

On this basis, DFC suggested the following alternative wording:

- **Schedule 4.** An assessment against the ‘three step approach’ (avoid, minimise and offset) pursuant to the Guidelines for the removal, destruction or lopping of native vegetation (DELWP 2017) for all trees identified for ‘practical retention’ in the Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan (Amended November 2019).
- **Schedule 5.** An assessment against the ‘three step approach’ (avoid, minimise and offset) pursuant to the Guidelines for the removal, destruction or lopping of native vegetation (DELWP 2017) for all trees identified for ‘practical retention’ in the Armstrong Creek Town Centre Native Vegetation Precinct Plan (Amended November 2019).

In response to DFC’s submission, DELWP supported the inclusion of the “avoid” step in the ‘three step approach’ and considered this appropriate. DELWP however submitted that it would not be appropriate to change the reference to the current 2017 “Guidelines for the removal, destruction or lopping of native vegetation” as the NVPPs in question were informed by survey and assessment that was undertaken in accordance with the previous guidelines, “Permitted Clearing of native vegetation – Biodiversity Assessment Guidelines” (DEPI 2013). Council also did not support this change for the same reasons as DELWP.

Council did however submit that it considered the requirement to be 'undertaken by a suitably qualified professional' to be a good inclusion and used elsewhere in the schedule and Planning Scheme more generally. They also noted that the requirement could be waived if not relevant, however they did acknowledge that the assessment can be undertaken by anyone with a basic understanding of avoid and minimise principles. On this basis they supported the revised wording by DELWP for each of the schedules.

3.4 Discussion

While the primary purpose of the Amendment was to update the NVPP's and the reference to these documents in the Planning Scheme, the Amendment has allowed for corrections and clarifications to native vegetation provisions in the schedules 4 and 5 to the UGZ. It is apparent that a number of typographical errors were inadvertently gazetted and that some of the provisions were not entirely clear.

Overall, Council supported the revisions proposed by DELWP and the Panel agree that these changes are appropriate. These changes also largely address the matters raised by DFC (Ashbury) Pty Ltd, by removing references to 'subdivision layout' and 'suitably qualified professional'.

The Panel accepts that while the guidelines have also been updated since 2013, to the '*Guidelines for the removal, destruction or lopping of native vegetation (DELWP 2017)*', that it is not appropriate to reference this 2017 document, given that the basis of the NVPPs were developed under the 2013 guidelines.

3.5 Conclusions and recommendations

The Panel concludes:

- That the revisions as proposed by DELWP and supported by Council should be made to schedule 4 and 5 of the UGZ to include reference to both the updated NVPPs and also to improve the clarity of provisions relating to native vegetation.

The Panel recommends:

2. **That Schedule 4 to the Urban Growth Zone (Clause 37.07) be updated as exhibited with the following changes:**
 - a) **That references to the 'Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan August 2014' be given an updated amended report date (month and year)**
 - b) **That at Clause 3.3 Subdivision applications, the fourth dot point under Design response be amended to read:**
 - **An assessment to confirm that the application will avoid, minimise and offset loss pursuant to the Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines (DEPI 2013) for all the vegetation identified as 'practical retention trees' in the Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan August 2014 (Amended XXX 2021).**
3. **That Schedule 5 to the Urban Growth Zone (Clause 37.07) be updated as exhibited, however with the following changes:**
 - a) **That references to the 'Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014' be given an updated amended report date (month and year)**

- b) **That at Clause 3.3 Subdivision applications, the seventh dot point under Design response be amended to read:**
- **An assessment to confirm that the application will avoid, minimise and offset loss pursuant to the Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines (DEPI 2013) for all the vegetation identified for as ‘practical retention trees’ within the Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014 (Amended XXX 2021).**

Planning and Environment Act 1987

GREATER GEELONG PLANNING SCHEME

AMENDMENT C399ggee

INSTRUCTION SHEET

The planning authority for this amendment is Greater Geelong City Council.

The Greater Geelong Planning Scheme is amended as follows:

Planning Scheme Ordinance

The Planning Scheme Ordinance is amended as follows:

1. In Zones – Clause 37.07, replace Schedule 4 with a new Schedule 4 in the form of the attached document.
2. In Zones – Clause 37.07, replace Schedule 5 with a new Schedule 5 in the form of the attached document.
3. In Particular Provisions – Clause 52.16, replace the Schedule with a new Schedule in the form of the attached document.
4. In Operational Provisions – Clause 72.04, replace the Schedule with a new Schedule in the form of the attached document.

End of document

GREATER GEELONG PLANNING SCHEME

27/11/2014 -/-
20--
C259C399ggee

SCHEDULE 4 TO THE URBAN GROWTH ZONE

Shown on the planning scheme map as **UGZ4**.

Armstrong Creek Horseshoe Bend Precinct Structure Plan, September 2014

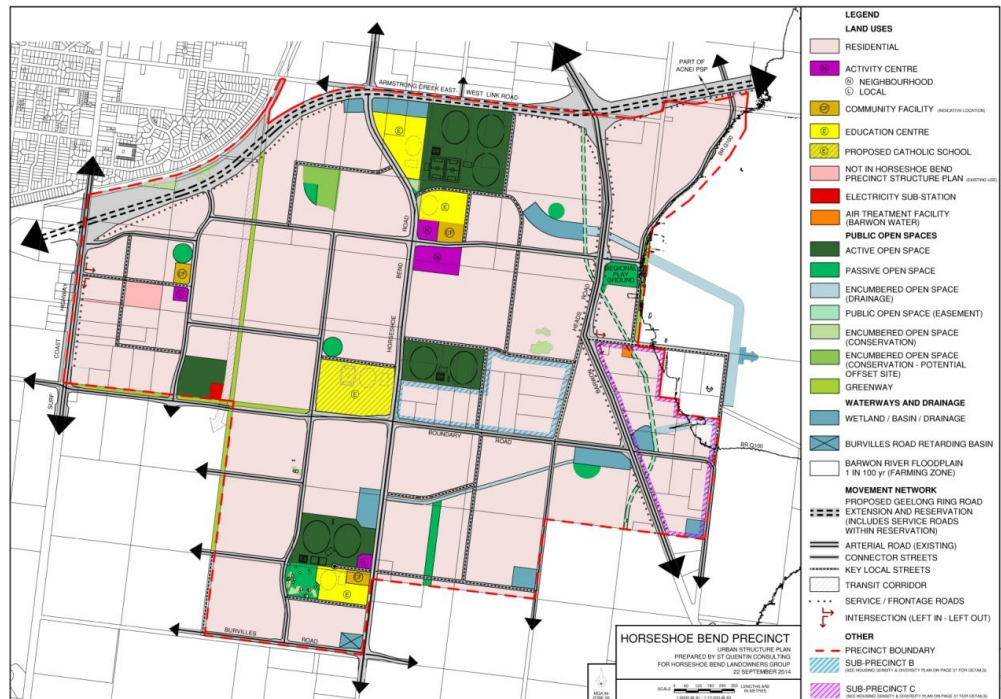
1.0

The Plan

27/11/2014
C259

Map 1 shows the future urban structure proposed in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan* (September 2014)

Map 1 – Horseshoe Bend Precinct Structure Plan



2.0

Use and development

27/11/2014
C259

2.1

The land

27/11/2014
C259

The provisions specified in this schedule only apply to land in the Armstrong Creek Horseshoe Bend Precinct (Map 1) that is zoned UGZ.

2.2

Applied zone provisions

27/11/2014
C259

The provisions of the following zones in this scheme apply to the use and subdivision of land, construction of a building and construction and carrying out of works, by reference to Map 1 of this schedule.

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Table 1: Applied zone provisions

Land shown on map 1 of this schedule	Applied zone provisions
Activity Centre - Local Activity (LAC)	Clause 34.01 - Commercial 1 Zone
Activity Centre - Neighbourhood Activity (NAC)	Clause 34.01 - Commercial 1 Zone
Community Facility	Clause 32.04 - Mixed Use Zone
Education Centre or Proposed Non-Government School	Clause 32.01 - General Residential Zone Schedule 1
All types of open space, waterways and drainage and Greenway	Clause 36.02 - Public Park and Recreation Zone
Residential	Clause 32.01 - General Residential Zone Schedule 1

2.327/11/2014
C259**Specific provisions – Use of land**

The following provisions apply to the use of land.

Table 2: Use

Use	Condition
Display Home on land shown as residential in Map 1 of this schedule	Despite any requirement under Clause 52.06, car parking must be provided to the satisfaction of the Responsible Authority.

3.027/11/2014
C259**Buildings and works****3.1**27/11/2014
C259**Display homes**

A permit is not required to construct a building or to construct or carry out work for a display home on a lot over 300 square metres.

3.227/11/2014
C259**Lots less than 300 square metres**

A permit is not required to construct or extend one dwelling on a lot with an area less than 300 square metres where a site is identified as a lot to be assessed against the Small Lot Housing Code via a restriction on title, and it complies with the incorporated Small Lot Housing Code.

4.027/11/2014
-/-/20-
C259C399aade**Application requirements****4.1**27/11/2014
C259**Environmental Assessment**

An application to use or subdivide land, construct a building or construct or carry out works must take into consideration the Site History Review and Limited Soil Sampling Report undertaken by Sinclair Knight Mertz (SKM – March 2012) for the Horseshoe Bend Precinct Structure Plan area.

An application to use or subdivide land, construct a building or construct or carry out work in areas identified in the SKM report as specific areas requiring further assessment must be accompanied by an Environmental Assessment if the land is proposed for a sensitive use

GREATER GEELONG PLANNING SCHEME

(public open space, residential use, child care centre, pre-school centre or primary school). If the Responsible Authority is satisfied that this requirement is not relevant to the assessment of the application, it may waive or reduce the requirement.

An Environmental Assessment must include assessment of the land by a suitably qualified environmental professional detailing the level and location of any contamination. This assessment is to be peer reviewed by a suitably qualified environmental professional approved by the Responsible Authority. If the Responsible Authority is satisfied that significant levels of contamination have been found:

- A certificate of environmental audit must be issued for the land in accordance with Part IXD of the *Environmental Protection Act 1970*, or
- An environmental auditor appointed under the *Environmental Protection Act 1970* must make a statement in accordance with Part IXD of the *Environmental Protection Act 1970* that the environmental condition of the land are suitable for the sensitive use.

4.2 Subdivision

[27/11/2014](#)
[-1-12-](#)
[C289](#)
[C399aeee](#)

Site analysis

An application must be accompanied by a site analysis and design response as detailed in Clause 56.01. The site analysis must address or provide the following to the satisfaction of the responsible authority:

- A summary of relevant background technical reports previously prepared for the *Armstrong Creek Horseshoe Bend Precinct*.
- A consolidated site analysis plan in digital and hard copy format that depicts all relevant site analysis information.

Design response

The design response must address or provide the following to the satisfaction of the responsible authority:

- A written statement that explains how the subdivision meets the objectives and planning and design guidelines for the *Image and Character* and *Subdivision and Housing* elements of the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan*.
- Integration with the existing or proposed subdivision of adjoining properties including through alignment and configuration of the street network and landscape character.
- The staging of the development.
- Where appropriate, the location of proposed planned community infrastructure, public open space areas and their recreation function.
- An assessment [by a suitably qualified professional](#) of the existing surface and subsurface drainage conditions on the site ~~by a suitably qualified professional~~ and the potential impacts on the proposed development, including any measures required to mitigate the impacts of springs on the development and the impact of the development on drainage.
- An assessment ~~against to~~ [to confirm that the application will avoid](#), minimise and offset loss pursuant to the Permitted Clearing of Native Vegetation – Biodiversity Assessment Guidelines (DEPI 2013) for all trees identified as ‘practical retention trees’ in the *Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan (Amended July 2021)*.

If the Responsible Authority is satisfied that an application requirement is not relevant to the assessment of an application, the Responsible Authority may waive any of the above requirements.

GREATER GEELONG PLANNING SCHEME

Precinct Infrastructure Plan

An application must be accompanied by a Precinct Infrastructure Plan which addresses the following:

- The provision, staging and timing of stormwater drainage works.
- What land may be affected or required for the provision of infrastructure works.
- The provision, staging and timing of road works internal and external to the land consistent with any relevant traffic report or assessment.
- The landscaping of any land.
- The provision of public open space and land for any community facilities.
- What, if any, infrastructure set out in the *Armstrong Creek Horseshoe Bend Development Contributions Plan* is sought to be provided as ‘works in lieu’ subject to the consent of the collecting agency.
- Any other matter relevant to the provision of public infrastructure required by the Responsible Authority.

4.3 Drainage and Floodplain Management

27/11/2014
C259

Any application for use or subdivide land, construct a building or construct or carry out works must demonstrate how the proposal affects, or is affected by the requirements of the Horseshoe Bend Precinct Stormwater Management Strategy (HBSWMS).

The design response must address or provide the following to the satisfaction of the Responsible Authority:

- Stormwater Environmental Management Plans which identify the following:
 - Flood modelling both pre and post establishment and commissioning of the Sparrovale wetland.
 - Potential waterway stability/environmental/drainage/flooding problems and constraints arising from their development proposals (including upstream or downstream impacts on existing receiving environments, waterways, land uses and assets/works) and quantify and recommend what is required to ensure compliance with best practice water management objectives.
 - Explicit details on control over stormwater sediment loads and monitoring of same during estate construction works, and demonstrate how the works comply with best practice whilst addressing high construction-era sediment loads, potential acid sulphate soils and dispersive soils management issues.
 - Identification and appraisal of potential acid sulphate and dispersive soils. This assessment is to be peer reviewed by a suitably qualified environmental professional approved by Council.

5.0 Referral and notice

[27/11/2014-/-20-
C259C399ggee](#)

5.1 Native vegetation

[27/11/2014-/-20-
C259C399ggee](#)

Notice of an application that relates to land containing native vegetation identified by the *Native Vegetation Precinct Plan - Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, August 2014 (Amended July 2021)* as an offset site, must be given to the Department of Environment and Primary Industries.

A permit application proposing the removal of vegetation identified in the *Native Vegetation Precinct Plan - Horseshoe Bend Precinct, Armstrong Creek Urban Growth*

GREATER GEELONG PLANNING SCHEME

Area, August 2014 ([Amended July 2021](#)) as ‘retained’ vegetation must be referred to the Department of Environment and Primary Industries. An application must include GIS data of the vegetation to be removed in ESRI shapefile format with the appropriate spatial attributes to the satisfaction of the Department of Environment and Primary Industries.

5.2 Flooding

27/11/2014
C259

An application for land that is shown to be subject to flooding in a 1 in 100 year event as detailed on Plan 18 (Flood boundary for existing conditions Q100) in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan* must be referred to the relevant Catchment Management Authority.

6.0 Conditions and requirements for permits

27/11/2014
C259

6.1 Requirements for provision of reticulated recycled water

27/11/2014
C259

All newly created lots and buildings must be connected to a reticulated recycled water supply system for toilet flushing and garden watering. Where a reticulated recycled water supply system is not available to the building, a building must be connected to a rain water tank with a minimum capacity of 2500 litres for toilet flushing and garden watering or an alternative grey water recycling system to the satisfaction of the Responsible Authority.

6.2 Requirements for Activity Centres

27/11/2014
C259

A permit must not be granted to use or subdivide land, or to construct a building or construct and carry out works within land identified as the North East Neighbourhood Activity Centre in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan*, until an urban design framework has been prepared for this centre to the satisfaction of the Responsible Authority.

Unless the Responsible Authority agrees otherwise, the urban design framework must address all of the land in the North East Neighbourhood Activity Centre and must be generally in accordance with the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan* and must address and respond to any relevant part of the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan* as appropriate.

This does not apply if, in the opinion of the Responsible Authority, the grant of the permit will assist in achieving the objectives and the planning and design guidelines for the activity centre set out in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan*.

The urban design framework may be amended to the satisfaction of the Responsible Authority.

6.3 Requirements for native vegetation

~~27/11/2014~~ ~~J-12~~
~~C259~~ ~~C399ggee~~

A permit may contain a condition, or conditions as appropriate, requiring the implementation of any relevant condition as listed in Section 5 of the *Armstrong Creek Horseshoe Bend Precinct Native Vegetation Precinct Plan (August 2014)* ([Amended July 2021](#)).

6.4 Requirements for implementation of Environmental Assessments

27/11/2014
C259

If a statement by an environmental auditor is provided rather than a certificate of environmental audit, and the statement indicates that the environmental conditions of the relevant land are suitable for a sensitive use subject to conditions, those conditions must be

GREATER GEELONG PLANNING SCHEME

inserted as conditions of permit and must be implemented to the satisfaction of the Responsible Authority.

6.5
27/11/2014
C259

Conditions for subdivision or development where land is required for community facilities, public open space, road widening and drainage.

Public open space and community facilities

Land identified as community facilities in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan* and specified on Plan 3 - Urban Structure Plan and in Table 1 – Summary Land Use Budget in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan* must be transferred to or vested in Council at no cost to Council unless funded by the *Horseshoe Bend Development Contributions Plan*.

Public open space must be provided in accordance with Plan 3 – Urban Structure Plan in the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan*, prior to the issue of a Statement of Compliance for the relevant stage (or as otherwise agreed with the Responsible Authority). These contributions are subject to an equalisation for unencumbered open space.

Any public open space provided at the applicants request and approved by the Responsible Authority, in addition to that reflected in Plan 3 - Urban Structure Plan and Appendix 1 - Detailed Land Use Budget by Property in the incorporated *Horseshoe Bend Precinct Structure Plan*, must be transferred to or vested in Council at no cost to Council and is not subject to compensation.

Road widening

Apart from land affected by a Public Acquisition Overlay, land required for road widening including right of way flaring for the ultimate design of any intersection with an existing or proposed arterial road must be referred to or vested in Council or VicRoads at no cost to the acquiring agency unless funded by the *Armstrong Creek Horseshoe Bend Development Contributions Plan*.

Drainage

Individual stages of development must demonstrate compliance with the staged delivery of ultimate drainage infrastructure in accordance with Plan 18 and Plan 18A of the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan*.

Flood mitigation

Where the development proposes interim/temporary drainage management measures that do not form part of the *Horseshoe Bend Development Contributions Plan*, and where agreed by the Responsible Authority, the development proponents are required to investigate, design, construct and fund all costs of establishment of the temporary works as may be required by relevant authorities.

A Statement of Compliance for drainage and/or flood mitigation works will be conditional on cleanout and resetting of sediment management assets and payment of ongoing maintenance and reclamation costs to the satisfaction of the Responsible Authority.

7.0
27/11/2014
C259

Advertising signs

The advertising category is the category which is applicable for the relevant applied zone.

GREATER GEELONG PLANNING SCHEME

Despite the provisions of Clause 52.05, a permit may be granted to display an advertising sign that promotes the sale of land or dwellings, whether or not the advertising sign is located on the land for sale.

Despite the provisions of Clause 52.05, a permit may be granted, for a period of no more than 5 years, to display an advertising sign that promotes an education centre on land identified as education on Map 1 to this Schedule.

8.0 Resolution of doubt

27/11/2014
C259

If any doubt arises as to whether a provision specified in this schedule applies to land, a permit may be granted for any use or development if the responsible authority is satisfied that the use or development is in accordance with the incorporated *Horseshoe Bend Precinct Structure Plan – September 2014*.

9.0 Decision guidelines

27/11/2014 --/--
/20--
C259C399gqee

Before deciding on an application to subdivide, use and/or develop land the Responsible Authority must consider, as appropriate:

- Whether the application is consistent with the *Armstrong Creek Urban Growth Plan*, City of Greater Geelong, May 2008 (Amended May 2010 and September 2012).
- Whether the application is consistent with the incorporated *Armstrong Creek Horseshoe Bend Precinct Structure Plan*, September 2014 including any approved Urban Design Frameworks.
- Whether the application is consistent with the incorporated *Armstrong Creek Horseshoe Bend Native Vegetation Precinct Plan*, August 2014 ([Amended July 2021](#)).
- Whether the application is consistent with the incorporate *Armstrong Creek Horseshoe Bend Development Contributions Plan*, September 2014..

10.0 References

27/11/2014
C259

Horseshoe Bend Precinct Site History Review and Limited Soil Sampling Report (March 2012)

GREATER GEELONG PLANNING SCHEME

[19/03/2015 - /20 - C323C399dqe](#)

SCHEDULE 5 TO THE URBAN GROWTH ZONE

Shown on the planning scheme map as **UGZ5**.

ARMSTRONG CREEK TOWN CENTRE PRECINCT STRUCTURE PLAN

1.0

The Plan

23/10/2014
C267

Map 1 Armstrong Creek Town Centre Urban Structure Plan



1:8000

Legend

- - - ACTCPSP BOUNDARY
- PRIMARY ROAD NETWORK
- ACCESS STREET (indicative only)
- RETAIL (Allowing upper level use)
- RESTRICTED RETAIL (Allowing upper level use)
- MIXED USE (Retail, commercial on ground floor)
- MIXED USE (Primary residential)
- EMERGENCY SERVICES
- COMMUNITY FACILITIES
- OPEN SPACE
- ENCUMBERED OPEN SPACE (Storm water quality and management)
- ENCUMBERED OPEN SPACE (Biodiversity values)
- TRANSIT CORRIDOR
- PRIORITY PEDESTRIAN NETWORK
- ULTIMATE INTEGRATED TRANSIT HUB
- INTERIM BUS INTERCHANGE

GREATER GEELONG PLANNING SCHEME

2.0 Use and development

19/03/2015
C323

2.1 The Land

23/10/2014
C267

The use and development provisions specified in this schedule only apply to land as shown in Map 2 of this schedule.

Map 2



GREATER GEELONG PLANNING SCHEME

2.2 Applied zone provisions23/10/2014
C267

The provisions of the following zones in this scheme apply to the use and subdivision of land, construction of a building and construction and carrying out of works, by reference to Map 2 of this schedule, as set out in Table 1.

Table 1: Applied zone provisions

Land shown on Map 2 of this schedule	Applied zone provisions
Precincts 1 and 2	Clause 34.01 - Commercial 1 Zone
Precincts 3, 4 and 5	Clause 32.04 - Mixed Use Zone

The precise boundary of the Commercial 1 Zone and Mixed Use Zone will be determined by the designation of land in a relevant plan of subdivision to the satisfaction of the Responsible Authority.

2.3 Specific provisions – Use of land23/10/2014
C267

Any condition opposite the use in Table 1 must be met. If the condition is not met, the applied zone provisions apply except where the use is otherwise prohibited in Table 2 or as specified by another specific provision in this schedule.

Table 2: Use**Section 1 – Permit not required**

Use	Condition
Department store	Must be located in Precinct 1
Food and drink premises (other than Hotel or Tavern)	Must be located in Precinct 1 or 2.
Restricted retail premises	The leasable floor area of an individual tenancy must be less than 2,000 square metres). Must be located in Precincts 2, 3 or 4. In Precinct 4 must be in conjunction with trade supplies.
Shop	Must be located in Precinct 1.
Trade supplies	Must be located in Precincts 2 or 4. In Precinct 2, must exclude a Timber yard and the leasable floor area of an individual tenancy must be less than 2,000 square metres. In Precinct 4, the leasable floor area of an individual tenancy must be less than 13,000 square metres.

Section 2 – Permit required

Use	Condition
Betting agency	Must be located in Precincts 1, 2 or 3. In Precincts 2 and 3, must be in conjunction with a Hotel and Tavern.

GREATER GEELONG PLANNING SCHEME

Use	Condition
Food and drink premises (other than a Hotel or Tavern)	Must be located in Precincts 3, 4 or 5.
Hotel	Must be located in Precincts 1, 2, 3 or 4
Restricted retail premises (if the Section 1 Condition is not met)	Must be located in Precincts 2, 3 or 4. In Precinct 4 must be in conjunction with trade supplies.
Service station	Must be located in Precincts 2 or 3. In Precinct 2, must be located on a corner of the Surf Coast Highway with the Connector Road B, Parking Street B or Burvilles Road. In Precinct 3, must be located on a corner of the Surf Coast Highway with the Connector Road B, Parking Street B or Burvilles Road (in accordance with Plan 5 – Armstrong Creek Town Centre Concept Plan in the Armstrong Creek Town Centre Precinct Structure Plan
Shop	Must be located in Precincts 3, 4 or 5. In Precinct 4, the leasable floor area per individual tenancy must not exceed 2,000 square metres and the combined leasable floorspace must not exceed 4,000 square metres. In Precinct 5, must meet all of the following: <ul style="list-style-type: none"> ▪ The leasable floor area of an individual tenancy must not be greater than 600 square metres; ▪ Must be located within a Local Mixed Use Centre shown in the Armstrong Creek Town Centre Precinct Structure Plan; and ▪ The combined leasable floor area must not exceed the following areas (square metres) for the relevant centre as described in the Armstrong Creek Town Centre Precinct Structure Plan: <ul style="list-style-type: none"> • 2000 – Boundary Road/North South Connector Local Mixed Use Centre • 2000 – Main Street/Transit Hub Local Mixed Use Centre
Tavern	Must be located in Precincts 1, 2, 3 or 4.
Timber yard	Must be located in Precinct 4.
Transport terminal	Must be located in Precincts 2 or 4. In Precinct 2, must exclude a Timber yard.
Warehouse	Must be located in Precinct 3.

GREATER GEELONG PLANNING SCHEME

Section 3 – Prohibited**Use****Adult sex bookshop****Agriculture****Brothel****Cemetery****Crematorium****Department store (if the section 1 condition is not met****Gaming premises****Industry****Saleyard****Any use in Section 2 where the condition is not met.****2.4**23/10/2014
C267**Specific provisions - Buildings and works**

Within Precinct 5, a permit is not required to construct or extend one dwelling on a lot with an area less than 300 square metres where a site is identified as a lot to be assessed against the *Small Lot Housing Code via a restriction on title, and it complies with the Small Lot Housing Code (Standard for construction of a Single Class 1 Building and associated Class 10a buildings on an allotment) December 2012.*

2.523/10/2014
C267**Specific provisions - Resolution of doubt**

If any doubt arises as to whether a provision specified in this schedule applies to land, a permit may be granted for any use or development if the Responsible Authority is satisfied that the use or development is in accordance with the *Armstrong Creek Town Centre Precinct Structure Plan July 2014.*

2.623/10/2014
C267**Specific provisions – Southern wetland**

Alternative stormwater management strategies for the southern wetland are not discouraged, however, any alternative infrastructure must be transferred to, or vested in, Council at no cost to Council and provide no net impact to the *Armstrong Creek Town Centre Development Contributions Plan March 2014.* Alternative subdivision, use or development of the existing southern wetland site must be accompanied by an urban design framework to the satisfaction of the Responsible Authority.

2.719/03/2015
C323**Specific provisions – Reticulated recycled water**

All newly created lots and buildings must be connected to a reticulated recycled water supply system for toilet flushing and garden watering. Where a reticulated recycled water supply system is not available to the building, a building must be connected to a rain water tank with a minimum capacity of 2500 litres for toilet flushing and garden watering or an alternative grey water recycling system to the satisfaction of the Responsible Authority.

3.019/03/2015
-/-/2-
C323C399g
qee**Application requirements**

An application for a permit must be accompanied by the following information. If the Responsible Authority is satisfied that an application requirement is not relevant to the assessment of an application, the Responsible Authority may reduce or waive any of the requirements.

GREATER GEELONG PLANNING SCHEME

3.1 All applications – written report23/10/2014
C267

Any application for the use, development or subdivision of land must be accompanied by a written report to the satisfaction of the Responsible Authority outlining how the proposal is generally in accordance with the Armstrong Creek Town Centre Precinct Structure Plan.

All applications for use, development or subdivision of land must also outline how the proposal responds to Part 2 of Appendix 5 of the Armstrong Creek Town Centre Precinct Structure Plan.

All applications for the use, development or subdivision of land must be accompanied by:

- A written report detailing how the proposal responds to Clause 2.0 and Table 2: Use of this Schedule;
- a plan showing the proposed use(s); and
- a table outlining the leasable floor area allocation numbers for each of the proposed uses.

If the Responsible Authority is satisfied that an application requirement is not relevant to the assessment of an application, the Responsible Authority may waive any of the above requirements.

3.2 All applications – Public Realm23/10/2014
C267

Where relevant an application for the use, development or subdivision of land within the areas of Public Realm listed below:

- *Main Street, between Surf Coast Boulevard and the Transit Corridor (inclusive of the Town Square)*
- *High Street, between Parking Street A and Parking Street B*
- *Collector A, between Parking Street A and Parking Street B*

Must be accompanied by a written report to the satisfaction of the Responsible Authority detailing how the proposal responds to the following elements:

- Built form
- Sustainable design
- Signage
- Public transport
- Public art
- Street furniture
- Public lighting
- Paving
- Street trees and landscaping
- Utility installations
- Pedestrian crossings and priority zones
- Public/private way finding
- Compliance with the DDA
- Cycling facilities

GREATER GEELONG PLANNING SCHEME

An application for use, development or subdivision of land must also outline how the proposal responds to Part 2 of Appendix 5 of the Armstrong Creek Town Centre Precinct Structure Plan.

If the Responsible Authority is satisfied that an application requirement is not relevant to the assessment of an application, the Responsible Authority may waive any of the above requirements.

3.3

[49/03/2015](#)
[/20-](#)
[C323C399aee](#)

Subdivision applications

An application for subdivision must be accompanied by a site analysis and design response as detailed in Clause 56.01-2.

Site Analysis

The site analysis must address or provide the following to the satisfaction of the Responsible Authority:

- A summary of relevant background technical reports previously prepared for the Armstrong Creek Town Centre.
- A consolidated site analysis plan in digital and hard copy format that depicts all relevant site analysis information.

Design response

The design response must address or provide the following to the satisfaction of the Responsible Authority:

- A written statement that explains how the subdivision meets the objectives and design guidelines of the incorporated Armstrong Creek Town Centre Precinct Structure Plan (March 2013).
- A Density Strategy which applies to the entire landholdings of an applicant and, where applicable, demonstrates that the proposed subdivision achieves the density targets set out in the Armstrong Creek Town Centre Precinct Structure Plan. The Density Strategy should include a table which identifies the net developable residential area, number of lots and dwellings proposed, the average lot size as well as the overall density achieved.
- Integration with the existing or proposed subdivision of adjoining properties including through alignment and configuration of the street network and landscape character.
- The staging of development.
- Where appropriate, the location of proposed planned community infrastructure, public open space areas and their recreation function.
- An assessment [by a suitably qualified professional](#) of the existing surface and subsurface drainage conditions on the site ~~by a suitably qualified professional~~ and the potential impacts on the proposed development, including any measures required to mitigate the impacts of springs on the development and the impact of the development on drainage.
- An assessment ~~to~~ [to confirm that the application will avoid](#), minimise and offset loss pursuant to the Permitted Clearing of Native Vegetation -Biodiversity Assessment Guidelines (DEPI 2013) for all the vegetation identified for practical retention within the Armstrong Creek Town Centre Native Vegetation Precinct Plan [March 2014 \(Amended July 2021\)](#).
- If the Responsible Authority is satisfied that an application requirement is not relevant to the assessment of an application, the Responsible Authority may waive any of the above requirements.

GREATER GEELONG PLANNING SCHEME

Precinct Infrastructure Plan

An application for subdivision must be accompanied by a Precinct Infrastructure Plan to the satisfaction of the Responsible Authority which addresses the following matters as relevant:

- What, if any, infrastructure set out in the Armstrong Creek Town Centre Development Contributions Plan is sought to be provided as 'works in lieu' subject to the consent of the collecting agency.
- What, if any, infrastructure set out in Table 8 of the Armstrong Creek Town Centre Precinct Structure Plan is to be provided by the developer.
- The provision, staging and timing of stormwater drainage works.
- What land may be affected or required for the provision of infrastructure works.
- The provision, staging and timing of road works internal and external to the land consistent with any relevant traffic report or assessment.
- The provision of sustainable energy infrastructure.
- The landscaping of any land.
- The provision of public open space and land for any community facilities.
- The provision of wi-fi infrastructure.
- Nominated areas for provision of public art (where applicable).
- Any other matter relevant to the provision of public infrastructure required by the Responsible Authority.

Sustainability Management Plan

- Multi-unit residential development comprising 10 or more dwellings and any non-residential development comprising more than 500 square metres of gross floor area and any service station must be accompanied by a Sustainability Management Plan (SMP) providing strategies to minimise resource use and waste having regard to Part 1 of Appendix 5 of the *Armstrong Creek Town Centre Precinct Structure Plan*.
- The SMP must be prepared to the satisfaction of the Responsible Authority by a suitably qualified expert. The SMP should:
 - Identify relevant sustainability targets or performance standards
 - Document the means by which the appropriate range of performance will be achieved.
 - Demonstrate how proposed design elements integrated and respond to precinct level sustainability strategies, opportunities and development context.
 - Identify the different areas of responsibility and provide a schedule for implementation, ongoing management, maintenance and monitoring; and
 - Demonstrate that the design elements, technologies and operation practices that comprise the SMP can be maintained over time.

General

An application for subdivision must be accompanied by the following information to the satisfaction of the Responsible Authority:

- Details of the proposed use and development of each part of the land.
- A table setting out:
 - The amount of land allocated for the proposed uses; and
 - The mix of lot sizes

GREATER GEELONG PLANNING SCHEME

- An indication of expected staging of subdivision and timing.
- Include a Transport Impact Assessment Report to the satisfaction of the relevant roads authority detailing the proposed road and street network, including pedestrian and cycling routes, intersection treatments, proposed bus routes and the interface treatment with arterial roads.
- A plan showing access arrangements for properties adjacent to all existing and future arterial roads.
- An overall landscape concept for the development that is consistent with best practice Water Sensitive Urban Design techniques.

3.423/10/2014
C267**Development applications****CAD drawings**

Applications for new development, or extensions of existing development, greater than 50 square metres in Precincts 1, 2, 3 or 4 must provide 3D CAD (MGA Zone 55) drawings of the proposed development to the satisfaction of the Responsible Authority.

Applications for development in Precinct 5, other than for residential purposes, must provide 3D CAD (MGA Zone 55) drawings of the proposed development to the satisfaction of the Responsible Authority.

The provided 3D CAD model must satisfy the requirements of Council's acceptable 3D model formats document.

Sustainability Management Plan

Multi-unit residential development, comprising 10 or more dwellings, and any non-residential development comprising more than 500 square metres of gross floor area and any service station must be accompanied by a Sustainability Management Plan (SMP) providing strategies to minimise resource use and waste having regard to Part 1 of Appendix 5 of the Armstrong Creek Town Centre Precinct Structure Plan.

The SMP must be prepared to the satisfaction of the Responsible Authority by a suitably qualified expert. The SMP should:

- identify relevant sustainability targets or performance standards;
- document the means by which the appropriate target or performance will be achieved;
- demonstrate how proposed design elements integrate and respond to precinct level sustainability strategies, opportunities and development context;
- identify the different areas of responsibility and provide a schedule for implementation, ongoing management, maintenance and monitoring; and,
- demonstrate that the design elements, technologies and operational practices that comprise the SMP can be maintained over time.

Precinct Infrastructure Plan

An application for development must be accompanied by a Precinct Infrastructure Plan to the satisfaction of the Responsible Authority which addresses the following matters as relevant:

- What, if any, infrastructure set out in the Armstrong Creek Town Centre Development Contributions Plan is sought to be provided as 'works in lieu' subject to the consent of the collecting agency.
- What, if any, infrastructure set out in Table 8 of the Armstrong Creek Town Centre Precinct Structure Plan is to be provided by the developer.
- The provision, staging and timing of stormwater drainage works.

GREATER GEELONG PLANNING SCHEME

- What land may be affected or required for the provision of infrastructure works.
- The provision, staging and timing of road works internal and external to the land consistent with any relevant traffic report or assessment.
- The provision of sustainable energy infrastructure.
- The landscaping of any land.
- The provision of public open space and land for any community facilities.
- Nominated areas for provision of public art (where applicable).
- Any other matter relevant to the provision of public infrastructure required by the Responsible Authority.

4.0 Conditions and requirements for permits

[19/03/2015--/20--
C323C399ggee](#)

4.1 Native Vegetation

[23/10/2014 --/20--
C267C399ggee](#)

A planning permit must include a condition or conditions which ensure that any requirements or conditions set out in the *Armstrong Creek Town Centre Precinct Structure Plan* and the *Armstrong Creek Town Centre Native Vegetation Precinct Plan [March 2014 \(Amended July 2021\)](#)* are implemented as part of the planning permit or the plans endorsed under the planning permit.

4.2 Subdivision

23/10/2014
C267

A planning permit must include a condition or conditions which ensure that any requirements or conditions set out in the *Armstrong Creek Town Centre Precinct Structure Plan* and the *Armstrong Creek Town Centre Development Contributions Plan* are implemented as part of the planning permit or the plans endorsed under the planning permit.

4.3 Development permits

23/10/2014
C267

CAD drawings

Any permit for development in precincts 1, 2, 3 or 4, must contain a condition that requires CAD (MGA Zone 55) versions of any approved or endorsed plans to be submitted to the Responsible Authority prior to the commencement of works.

Any permit for development in precinct 5, other than for residential purposes, must contain a condition that requires CAD (MGA Zone 55) versions of any approved or endorsed plans to be submitted to the Responsible Authority prior to the commencement of works.

The provided 3D CAD model must satisfy the requirements of Council's acceptable 3D model formats document.

Sustainability Management Plan

Any permit for development of the land must include a condition that implements any approved Sustainability Management Plan.

4.4 Subdivision or building and works permits where land is required for community facilities, public open space, road widening and drainage

23/10/2014
C267

Lots less than 300 square metres

Any permit for subdivision that allows the creation of a lot less than 300 square metres must contain the following conditions:

GREATER GEELONG PLANNING SCHEME

- Prior to the certification of the plan of subdivision for the relevant stage, a plan must be submitted for approval to the satisfaction of the Responsible Authority, which identifies the lots that will include a restriction which reads 'The construction or extension of a dwelling on lots identified on this plan must be assessed for compliance against the Small Lot Housing Code (forming part of the City of Greater Geelong Planning Scheme)'. This restriction must also be shown on the plan of subdivision submitted for certification to the satisfaction of the Responsible Authority.

Public open space and community facilities

Land identified as public open space or community facilities in the incorporated Armstrong Creek Town Centre Precinct Structure Plan and specified in Table 1 – Summary Land Use Budget in the incorporated Armstrong Creek Town Centre Precinct Structures Plan must be transferred to or vested in Council at no cost to Council unless funded by the Armstrong Creek Town Centre Development Contributions Plan.

Public open space must be provided in accordance with Plan 3 in the incorporated Armstrong Creek Town Centre Precinct Structure Plan, prior to the issue of a Statement of Compliance for the relevant stage (or as otherwise agreed with the Responsible Authority). These contributions are subject to an equalisation for unencumbered open space.

Any public open space provided at the request of a permit applicant and approved by the Responsible Authority, in addition to that reflected in the incorporated Armstrong Creek Town Centre Precinct Structure Plan, must be transferred to or vested in Council at no cost to Council and is not subject to compensation.

Road widening

Land required for road widening including right of way flaring for the ultimate design of any intersection with an existing or proposed arterial road must be referred to or vested in Council or VicRoads at no cost to the acquiring agency unless funded by the Armstrong Creek Town Centre Development Contributions Plan.

Drainage

Drainage must be maintained at predevelopment rates and points of discharge except where urban outfall is available in accordance with the staged delivery of ultimate drainage infrastructure in accordance with the incorporated Armstrong Creek Town Centre Precinct Structure Plan.

5.0 Referral

[19/03/2015 - / - / 20 - C323C399gqee](#)

Notice of an application that relates to land containing native vegetation identified by the *Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014* ([Amended July 2021](#)) as an offset site, must be given to the Department of Environment, Land, Water and Planning.

A permit application proposing the removal of vegetation identified in the *Native Armstrong Creek Town Centre Native Vegetation Precinct Plan March 2014* ([Amended July 2021](#)) as 'retained' vegetation must be referred to the Department of Environment, Land, Water and Planning. An application must include GIS data of the vegetation to be removed in ESRI shapefile format with the appropriate spatial attributes to the satisfaction of the Department of Environment, Land, Water and Planning.

6.0 Advertising signs

23/10/2014
C267

Any permit application for advertising signs must meet the requirements of the Design Guidelines set out in the Armstrong Creek Town Centre Precinct Structure Plan.

The following advertising sign categories apply by reference to Map 2 of this schedule.

Table 3: Advertising signs

GREATER GEELONG PLANNING SCHEME

Land shown on Map 2 of this schedule	Advertising sign category
Precinct 1	Category 1
Precinct 2	Category 2
Precinct 3	Category 2
Precinct 4	Category 2
Precinct 5	Category 3

Land and home sales signs

Despite the provisions of Clause 52.05, signs promoting the sale of land or homes on the land (or on adjoining land in the same ownership) may be displayed without a permit provided all of the following requirements are met:

- The advertisement area for each sign does not exceed 20 square metres;
- No sign exceeds 7.5m in height from natural ground level;
- Only one sign is displayed per road frontage. Where the property has a road frontage of more than 150 metres multiple signs may be erected provided there is a minimum of 150 metres distance between each sign, with a total of not more than 4 signs per frontage;
- The sign is not an animated, scrolling, electronic or internally illuminated sign;
- The sign is not displayed for longer than 21 days after the sale (not settlement) of the last lot; and,
- The sign is setback a minimum of 750 millimetres from the property boundary.

7.0 Decision guidelines

[19/03/2015--/20--C323C399qgee](#)

Before deciding on an application to subdivide, use and/or develop land the Responsible Authority must consider, as appropriate:

- Whether the application is consistent with the Armstrong Creek Town Centre Precinct Structure Plan, the Armstrong Creek Town Centre Native Vegetation Precinct Plan [March 2014 \(Amended July 2021\)](#) and the Armstrong Creek Town Centre Development Contributions Plan.
- Any approved Precinct Structure Plan applying to land adjoining the Armstrong Creek Town Centre Precinct Structure Plan area.

8.0 References

[19/03/2015--/20--C323C399qgee](#)

- Armstrong Creek Town Centre Precinct Structure Plan (March 2014)
- Armstrong Creek Town Centre Development Contributions Plan (March 2014)
- Armstrong Creek Town Centre Native Vegetation Precinct Plan ~~(March 2014)~~ [\(Amended July 2021\)](#)
- Small Lot Housing Code Standards for construction of a single Class 1 building and associated Class 10a buildings on an allotment, December 2012

GREATER GEELONG PLANNING SCHEME

[27/11/2014-/-/20-/-C259C399ggee](#)

SCHEDULE TO CLAUSE 52.16**1.0****Native vegetation precinct plan**

[27/11/2014-/-/20-/-C259C299ggee](#)

Name of plan

Armstrong Creek East Native Vegetation Precinct Plan, May 2010

Armstrong Creek North East Industrial Precinct Native Vegetation Precinct Plan, May 2010

Armstrong Creek Town Centre Native Vegetation Precinct Plan, March 2014 ([Amended July 2021](#))

Armstrong Creek West Native Vegetation Precinct Plan, November 2012

Lara West Growth Area, Lara, Native Vegetation Precinct Plan, September 2013

Manzeene Village, Lara, Native Vegetation Precinct Plan, June 2014

Native Vegetation Precinct Plan, Geelong Ring Road Employment Precinct, March 2013

Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, August 2014 ([Amended July 2021](#))

GREATER GEELONG PLANNING SCHEME

SCHEDULE TO CLAUSE 72.04 DOCUMENTS INCORPORATED IN THIS PLANNING SCHEME

[34/04/2019-1-12--C376pt+ggeeC399ggee](#)

1.0

[22/07/2021-1-12--C363ggee](#)

Incorporated documents

Name of document	Introduced by:
3 Bridge Road, Barwon Heads, June 2020	C415ggee
14 Shepherd Court, North Geelong, Cotton On Office Redevelopment, July 2011	C257
Adventure Park Comprehensive Development Plan, May 2014	C288
Advertising Sign Guidelines, City of Greater Geelong, November 1997, Amended October 2014	C296
Anakie, Lara & Lovely Banks Heritage Places Incorporated Plan, May 2016	C316
Armstrong Creek East Native Vegetation Precinct Plan, May 2010	C206
Armstrong Creek East Precinct Structure Plan, May 2010, Amended November 2011	C214
Armstrong Creek East Precinct Development Contributions Plan, Version 4.1 Alternate Version November 2011	C214
Armstrong Creek Horseshoe Bend Precinct Structure Plan, September 2014	C259
Armstrong Creek North East Industrial Precinct Development Contributions Plan, May 2010	C207
Armstrong Creek North East Industrial Precinct Growling Grass Frog Conservation Management Plan, May 2010	C207
Armstrong Creek North East Industrial Precinct Native Vegetation Precinct Plan, May 2010	C207
Armstrong Creek North East Industrial Precinct, Precinct Structure Plan, May 2010	C207
Armstrong Creek South Precinct Structure Plan, February 2016	C301
Armstrong Creek Town Centre Precinct Structure Plan, March 2014	C267
Armstrong Creek Town Centre Development Contributions Plan, March 2014	C267
Armstrong Creek Town Centre Native Vegetation Precinct Plan, March 2014, Amended July 2021	C267C399ggee
Armstrong Creek Urban Growth Plan Framework Plan, November 2008, updated September 2012 and June 2015	C301
Armstrong Creek West Precinct Development Contributions Plan, February 2013	C240
Armstrong Creek West Precinct Native Vegetation Precinct Plan, November 2012	C240
Armstrong Creek West Precinct Structure Plan, September 2012	C240
Australian Standard AS 2021-1994, Acoustics - Aircraft Noise Intrusion - Building Siting and Construction. Standards Association of Australia 1994	NPS1
Barwon Heads Road (Settlement Road, Belmont to Reserve Road, Marshall) Duplication Project Incorporated Document, October 2020	C413ggee
Batman Park, Indented Head Incorporated Plan, June 2015	C274
BUPA Aged Care Facility, Bellarine Lakes, May 2016	C336
Central Road Drysdale, Development Contributions Plan, November 2020	C363ggee
Chisholm Road Prison Project, Lara, Incorporated Document, June 2019	C389ggee
Commercial Tenancies at 55, 57 & 59 Kilgour Street, Geelong, July 2017	C358

GREATER GEELONG PLANNING SCHEME

Name of document	Introduced by:
Community Care Accommodation Facility, 120 Russells Road, Mount Duneed, Incorporated Document, September 2020	C401ggee
Drysdale Bypass, November 2017	C369
Environmental Weeds, City of Greater Geelong, September 2008	C129 (Part 1)
Fibre Optic Project, Integrated Approval Requirements, December 2002	VC17
Geelong City Urban Conservation Study Vol. 1 Restoration and Infill Guidelines, Commercial and Civic Buildings, Graeme Butler for the City of Geelong, 1993	C258
Geelong Library and Heritage Centre Redevelopment, March 2013	C287
Geelong Ring Road – Section 4C Incorporated Document, June 2010	C232
Geelong TAC Office Development, October 2006	C142
Geelong Waterfront Safe Harbour Precinct Project Incorporated Document, July 2019	C398ggee
Great Western Hotel Heritage Place 177-179 Aberdeen Street, Newtown Incorporated Plan, December 2017	C365
Heritage and Design Guidelines, City of Greater Geelong, 1997	NPS1
Horseshoe Bend Precinct Development Contributions Plan, September 2014	C259
Jetty Road Urban Growth Area Development Contributions Plan, September 2011	C230
Lara West Development Contributions Plan, Final Version – C246/C285, March 2014	C285
Lara West Growth Area, Lara, Native Vegetation Precinct Plan, September 2013	C246
Lara West Precinct Structure Plan, Revision J, 25 September 2013	C246
Melbourne Geelong Interconnection Project, June 2010	C229
Manzeene Village, Lara, Native Vegetation Precinct Plan, June 2014	C285
Mental Health Beds Expansion Program Incorporated Document, November 2020	GC176
Native Vegetation Precinct Plan, Geelong Ring Road Employment Precinct, March 2013	C243
Native Vegetation Precinct Plan, Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area, August 2014, Amended July 2021	C259C399ggee
Newtown Heritage Study Review Report, Volume 3, City of Greater Geelong, 2008	C191
New Station Estate Restructure Plan, July 2010 (Amended December 2017)	C376pt1ggee
Rail Gauge Standardisation Project, Integrated Approval Requirements, December 2002	VC17
Regional Fast Rail Project, Integrated Approval Requirements, December 2002	VC17
Rail Upgrades at Geelong Port Project, May 2010	C211
Rippleside Comprehensive Development Plan, February 2000	C2
Rippleside Urban Design Guidelines, June 2000	C2
Small Lot Housing Code, December 2012	C267
Specialist Training Facility Incorporated Document, June 2019	C392ggee
Stage 5 GMHBA Stadium Development Kardinia Park Moorabool Street, Geelong South Incorporated Document, March 2021	C423ggee

GREATER GEELONG PLANNING SCHEME

Name of document	Introduced by:
Thirteenth Beach Golf Resort Barwon Heads, Barwon Heads Comprehensive Development Plan, Land Design Partnership, Anthony Cashmore & Associates and the Planning Group, May 2001 amended September 2006	C54
Warrnambool Line Upgrade - Incorporated Document, December 2019	GC121
Waterfront Geelong Design and Development Code, Keys Young, July 1996	NPS1
Waurm Ponds Train Maintenance and Stabling Facility Project Incorporated Document, May 2020	GC104
West Fyans-Fyans Street Precinct Structure Plan, June 2009	C205

Final Report

Native Vegetation Precinct Plan: Armstrong Creek Town Centre Precinct

Prepared for

City of Greater Geelong

July 2021



Ecology and Heritage Partners Pty Ltd

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DOCUMENT CONTROL

Project Name	Native Vegetation Precinct Plan, Armstrong Creek Town Centre
Project Number	# 5670/12480
Project Manager	Robyn Giles, Senior Botanist
Report author(s)	Robyn Giles, Senior Botanist
Report Reviewer	Andrew Hill, Principal Ecologist
Other EHP Staff	Andrew Warnock, Botanist, Mark Stockdale, Senior Ecologist
File Name	12840_EHP_ACTC NVPP_Final_Guidelines_v3_22072021

Report Version	Comments	Comments Updated by:	Date Submitted
Draft	Draft Report	Mark Stockdale	30/08/2012
Final	Final Report	Mark Stockdale	10/12/2012
Final version 2	Updated as per DSE/City of Greater Geelong comments	Andrew Warnock and Robyn Giles	21/02/2013
Final (Guidelines)	Updated in line with new Biodiversity Assessment Guidelines (DEPI 2013a)	Robyn Giles	07/03/2014
Final (Guidelines) v2	<ul style="list-style-type: none"> Revised offset calculations based on changes to DELWP protocol Updates to scattered tree retention Addition of Table 6.2 Updates to addresses in Tables 1, 2, 3 and 5.1. Deletion of Appendix 2 Addition of note on all tables regarding property addresses. 	Robyn Neville	29/10/2019
Final (Guidelines) v3	<ul style="list-style-type: none"> Updates made in accordance with matters agreed at Panel 	S. LeBel	22/07/2021

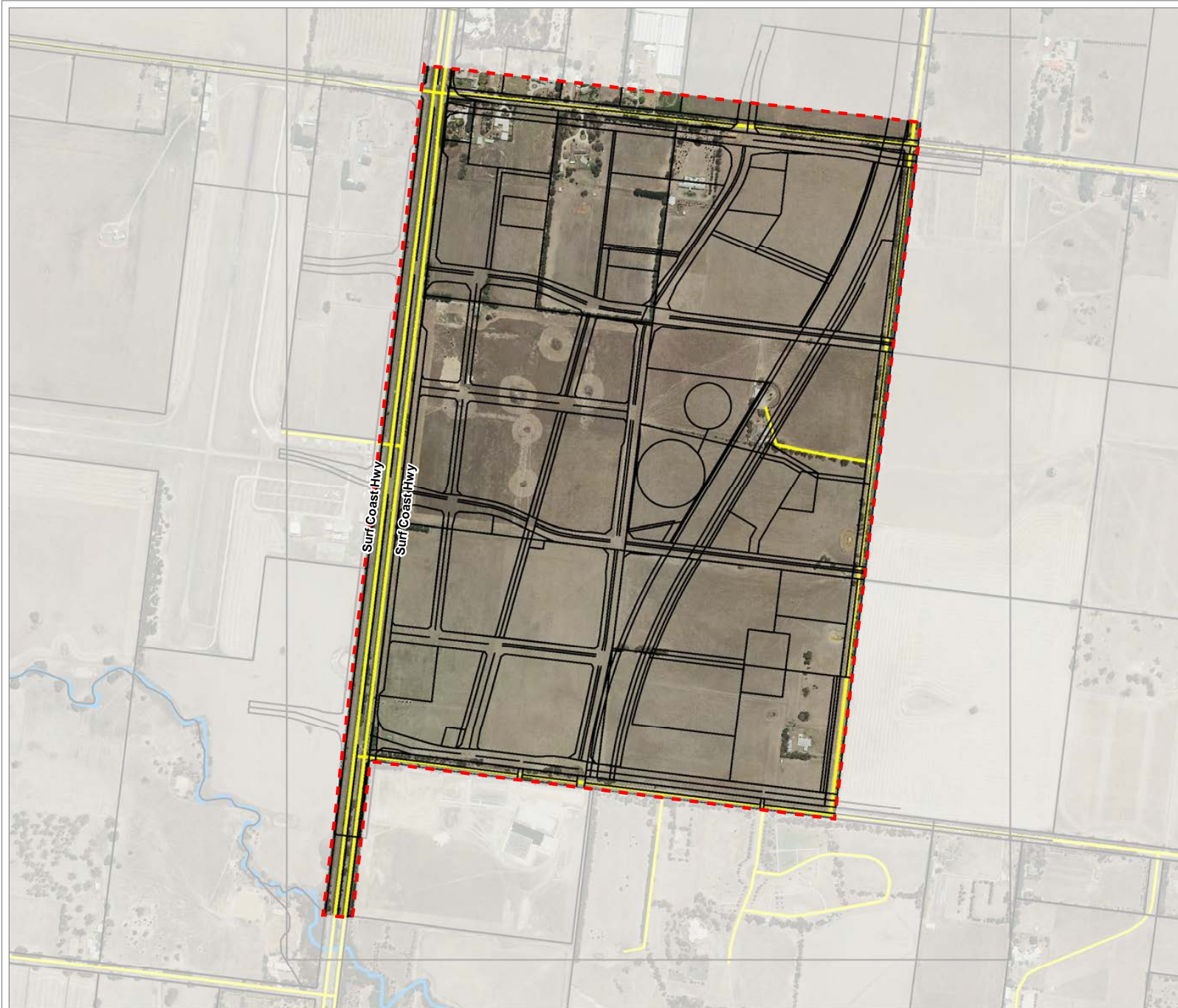


1 NATIVE VEGETATION PRECINCT PLAN

1.1 Background

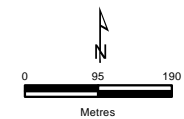
This is the Armstrong Creek Town Centre (ACTC) Native Vegetation Precinct Plan (NVPP) listed under the Schedule to Clause 52.16 of the City of Greater Geelong Planning Scheme. The removal, destruction or lopping of native vegetation in accordance with this NVPP, does not require a permit provided conditions and requirements specified in this NVPP are met.

The ACTC NVPP applies to all land shown in Map 1.



Legend

-  NVPP Boundary
-  Development Plan
-  Roads
-  Watercourse



Map 1
Area to which the Native Vegetation Precinct Plan applies
Armstrong Creek Town Centre Precinct



VicMap Data: The State of Victoria does not warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that the State of Victoria shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

3286_Map_1_01May12.mxd 07/12/2012 ALF



1.2 Purpose

The purpose of the ACTC NVPP is to:

- Specify the native vegetation to be retained and the native vegetation that can be removed, destroyed or lopped.
- Ensure that areas set aside to retain native vegetation are managed to conserve ecological values.
- Ensure that the removal, destruction or lopping of native vegetation specified to be retained is consistent with conserving the ecological values of these areas and is considered in accordance with the *Permitted clearing of native vegetation – Biodiversity assessment guidelines* (the Guidelines) (DEPI 2013a).
- Set out the works or other necessary actions required to offset the removal, destruction or lopping of native vegetation.
- Streamline the planning approvals process through a landscape approach to native vegetation protection and management.

1.3 Vegetation Protection Objectives to be Achieved

The objectives for native vegetation protection are to:

- Provide for the protection of native vegetation within the precinct in accordance with the Guidelines (DEPI 2013a).
- Be consistent with the required biodiversity outcomes of the Armstrong Creek Town Centre Precinct Structure Plan, and the Armstrong Creek Urban Growth Area Framework Plan.
- Ensure that appropriate biodiversity outcomes are achieved through the retention of specified native vegetation, habitat enhancement and waterway protection.
- Encourage design outcomes to retain scattered trees to enhance landscape aesthetics and biodiversity values.
- Support the provision of conservation reserves and Public Open Space to avoid vegetation loss, minimise ecological impacts and enhance native vegetation protection.
- Develop a management plan for state listed significant flora species (i.e. Melbourne Yellow Gum *Eucalyptus leucoxylon* subsp. *connata*).

2 NATIVE VEGETATION TO BE RETAINED

The native vegetation to be retained are described in Tables 1 and 2 and shown in Map 2 and Map 3 to this plan. Native vegetation shown to be retained should not be removed, as a landscape approach to native vegetation retention and removal has been adopted in the preparation of this NVPP, rather than using a site by site approach.

Decisions relating to removal of areas of native vegetation have been made in a holistic manner taking into account areas of native vegetation which are proposed to be retained. The adhoc removal of native vegetation which is identified as to be retained may undermine the holistic and landscape wide approach to the preparation of this NVPP.

Scattered trees identified as retained are not removed or deemed lost, but may potentially be removed in the future if subject to a planning permit application. Scattered trees identified as retained are not required to be offset, but cannot be used as an offset.

In addition, scattered trees can be considered 'retained' if they are:

- Located on freehold land or Public Open Space subject to a planning permit application, tree(s) are not subject to removal as part the planning permit application and the area reserved for the tree meets the definition of a protected tree¹.

Or

- Located in Public Open Space subject to a subdivision application, tree(s) are:
 - likely to survive in the long term; and
 - able to be managed to mitigate threats posed to public safety which does not require removal or lopping of more than 1/3 of the crown; and,
 - allowed an area that meets the definition of a protected tree¹.

Or

- Located near to construction activities, but:
 - a qualified arborist confirms that the construction activities will not significantly damage the tree(s); or
 - tree(s) is protected from construction activities by a Tree Retention Zone²; or

¹ Protection (of a tree) refers to an area with twice the canopy diameter of the tree(s) fenced and retained from adverse impacts: grazing, burning and soil disturbance not permitted, fallen timber retained, weeds controlled, and other intervention and/or management if necessary to ensure adequate natural regeneration or planting can occur.

- construction activities do not encroach more than 10% into the Tree Retention Zone²; or
- construction activities are to occur within areas that have been subject to previous soil disturbance through ongoing agricultural activities (such as cropping or cultivation) and construction activities will not result in any additional soil disturbance.

Remnant patches and scattered trees identified for ‘practical retention’ are considered removed in this plan. While every effort will be made to retain scattered trees, it is acknowledged that these trees are likely to be retained for their landscape/aesthetic value, rather than as a true conservation outcome.

The process undertaken for ‘practical retention’, was based on the principles of ‘avoid and minimise’ for losses of remnant vegetation (including remnant patches and scattered trees), as well as state listed significant flora species (i.e. Melbourne Yellow Gum) within the study area.

Additional criteria for practical retention of native vegetation included:

- Areas of roadside vegetation comprising of intact and high value habitat zones;
- Non-native trees as important wildlife habitat; and,
- Very Large Old Trees and Large Old Trees that are “long lived” species (i.e. Eucalypts).

Native vegetation identified as ‘Modified Treeless Vegetation’ (MTV) was not previously assessed to determine vegetation condition. These areas have been given a minimum condition score of 0.2 in order to be assessed under the Guidelines.

² A tree retention zone is an area around the trunk of the tree which has a radius of 12 x the diameter at breast height to a maximum of 15 metres but no less than 2 metres. Dead trees should be protected with a radius of 15 metres from the base.


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Table 1: Habitat zones of native vegetation to be retained

PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone ¹	EVC Name and No.	CMA region	LGA region	Size (ha)	Specific Habitat Requirement	Habitat Hectares *	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score
N/A	Barwarre Road Reserve	HZ2a - 1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.311	Bellarine Yellow-gum	0.081	N/A	1	0.081
N/A	Boundary Road Reserve	HZ2b-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.114	Bellarine Yellow-gum	0.03	N/A	1	0.03
N/A	Boundary Road Reserve	HZ2c-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.027	Bellarine Yellow-gum	0.004	N/A	1	0.004
N/A	Barwarre Road Reserve	HZ2d-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.072	Bellarine Yellow-gum	0.019	N/A	1	0.019
N/A	Barwarre Road Reserve	HZ2e-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.127	Bellarine Yellow-gum	0.033	N/A	1	0.033
212600751	500-540 Torquay Road (Surf Coast Hwy), Armstrong Creek VIC 3217	HZ2f-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.132	Bellarine Yellow-gum	0.034	N/A	1	0.034
N/A	Burvilles Road Reserve	HZ3-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.063	Bellarine Yellow-gum	0.02	N/A	1	0.02
N/A	Burvilles Road Reserve	HZ3-4	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.039	Bellarine Yellow-gum	0.013	N/A	1	0.013
N/A	Barwarre Road Reserve	HZ4a	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.014	Bellarine Yellow-gum	0.003	N/A	1	0.003
N/A	Barwarre Road Reserve	HZ4b-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.013	Bellarine Yellow-gum	0.004	N/A	1	0.004


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PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone ¹	EVC Name and No.	CMA region	LGA region	Size (ha)	Specific Habitat Requirement	Habitat Hectares *	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score
N/A	Barwarre Road Reserve	HZ4c	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.070	Bellarine Yellow-gum	0.022	N/A	1	0.022
N/A	Barwarre Road Reserve	HZ4d-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.098	Bellarine Yellow-gum	0.031	N/A	1	0.031
N/A	Barwarre Road Reserve	HZ5a	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.020	Bellarine Yellow-gum	0.008	N/A	1	0.008
N/A	Barwarre Road Reserve	HZ5b-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.241	Bellarine Yellow-gum	0.104	N/A	1	0.104
N/A	Boundary Road Reserve	HZ6a-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.171	Bellarine Yellow-gum	0.044	N/A	1	0.044
N/A	Boundary Road Reserve	HZ6a-4	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.004	Bellarine Yellow-gum	0.001	N/A	1	0.001
N/A	Barwarre Road Reserve	HZ7a-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.037	N/A	0.015	0.979	N/A	0.015
N/A	Barwarre Road Reserve	HZ7b	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.031	N/A	0.011	0.982	N/A	0.011
N/A	Boundary Road Reserve	HZ11	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.075	Bellarine Yellow-gum	0.012	N/A	1	0.012
N/A	Barwarre Road Reserve	MTV1 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.049	Bellarine Yellow-gum	0.01	N/A	1	0.01
N/A	Barwarre Road Reserve	MTV2 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.041	Bellarine Yellow-gum	0.008	N/A	1	0.008



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Notes: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹ Habitat zones are a unique number for each habitat zone linked to Maps 2 and 3, and background reports (Note: in the case where part of the habitat zone is to be retained and part is to be removed, the habitat zone has been split into two separate areas in the Native Vegetation Precinct Plan to allow retention of required part.). * Habitat Hectares have been rounded to three decimal places. ^Areas previously mapped as Modified Treeless Vegetation (MTV) have been given a condition score 0.2 to calculate the habitat hectare values.



Table 2: Scattered trees to be retained

PSP Property Number	Property Address (including Formal Land Description)	CMA region	LGA region	Tree ID No. ¹	Species	Specific Habitat Requirement	Habitat Importance Score	Specific Biodiversity Score	Biodiversity Equivalence Score	Co-ordinates	
										Easting	Northing
41029522	41-99 Burvilles Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	6	<i>Allocasuarina verticillata</i>	N/A	N/A	0.977	0.014	267660	5665515
N/A	Barwarre Road Reserve	Corangamite	City of Greater Geelong	7	<i>Allocasuarina verticillata</i>	N/A	N/A	0.978	0.014	267660	5765497
41029451	361-367 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	25	<i>Allocasuarina verticillata</i>	Bellarine Yellow-gum	1	N/A	0.014	266831	5766453

Notes: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Tree identification numbers are a unique number linked to Maps 2 and 3, and numbering is consistent with the background report.

3 NATIVE VEGETATION PERMITTED TO BE REMOVED, DESTROYED OR LOPPED

The native vegetation identified for removal in Tables 3 and 4 and in Map 2 and Map 3 (Appendix 1) can be removed, destroyed or lopped, subject to the requirements and conditions set out below as allowed under Clause 52.16 of the Greater Geelong Planning Scheme.

Native vegetation identified in Table 3 and Map 2 and Map 3 (Appendix 1) as 'Modified Treeless Vegetation' (MTV) was not previously assessed to determine vegetation condition. These areas have been given a minimum condition score of 0.2 in order to determine offset requirements under the Guidelines.

Remnant patches and scattered trees identified for practical retention identified in Table 3 and 4 and shown in Maps 2 and 3 (Appendix 1) are considered 'removed' in this plan.

Areas that have not been mapped as containing native vegetation in this plan (i.e. exotic dominated vegetation) will not require a permit under Clause 52.16 of the Planning Scheme, if future removal is required.

**Table 3:** Habitat zones of native vegetation which may be removed

PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone ¹	EVC No. & name	CMA region	LGA region	Size (Hectares)	Habitat hectares*	Specific Habitat Requirements	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Identified for practical retention
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.032	0.008	N/A	0.991	N/A	0.008	Yes
N/A	Barwarre Road Reserve	HZ2A - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.020	0.005	Bellarine Yellow-gum	N/A	1	0.005	No
N/A	Boundary Road Reserve	HZ2B-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.001	0	Bellarine Yellow-gum	N/A	1	0	No
41029648	382-420 Boundary Road, Armstrong Creek VIC 3217	HZ2C - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.028	0.005	Bellarine Yellow-gum	N/A	1	0.005	No
N/A	Barwarre Road Reserve	HZ2D - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.028	0.007	Bellarine Yellow-gum	N/A	1	0.007	No
N/A	Barwarre Road Reserve	HZ2E - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.017	0.004	Bellarine Yellow-gum	N/A	1	0.004	No
212600751	500-540 Torquay Road (Surf Coast Hwy), Armstrong Creek VIC 3217	HZ2F - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.027	0.007	Bellarine Yellow-gum	N/A	1	0.007	No
N/A	Burvilles Road Reserve	HZ2F - 3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.042	0.011	Bellarine Yellow-gum	N/A	1	0.011	No
212600751	500-540 Torquay Road (Surf Coast Hwy), Armstrong Creek VIC 3217	HZ3 - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.046	0.015	Bellarine Yellow-gum	N/A	1	0.015	No
N/A	Burvilles Road Reserve	HZ3 - 3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.006	0.002	Bellarine Yellow-gum	N/A	1	0.002	No


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PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone ¹	EVC No. & name	CMA region	LGA region	Size (Hectares)	Habitat hectares*	Specific Habitat Requirements	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Identified for practical retention
N/A	Burvilles Road Reserve	HZ3 - 4	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.011	0.004	Bellarine Yellow-gum	N/A	1	0.004	No
N/A	Barwarre Road Reserve	HZ4B - 1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.012	0.004	Bellarine Yellow-gum	N/A	1	0.004	No
N/A	Barwarre Road Reserve	HZ4D - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.022	0.007	Bellarine Yellow-gum	N/A	1	0.007	No
N/A	Barwarre Road Reserve	HZ5b-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.036	0.016	Bellarine Yellow-gum	N/A	1	0.016	No
N/A	Boundary Road Reserve	HZ6a-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.004	0.001	Bellarine Yellow-gum	N/A	1	0.001	No
N/A	Boundary Road Reserve	HZ6a-3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.027	0.007	Bellarine Yellow-gum	N/A	1	0.007	No
41029648	382-420 Boundary Road, Armstrong Creek VIC 3217	HZ 6B	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.028	0.004	Bellarine Yellow-gum	N/A	1	0.004	No
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ8a	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.148	0.027	Bellarine Yellow-gum	N/A	1	0.027	Yes
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ8b	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.017	0.003	Bellarine Yellow-gum	N/A	1	0.000	Yes
								N/A	0.928	N/A	0.003	



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PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone ¹	EVC No. & name	CMA region	LGA region	Size (Hectares)	Habitat hectares*	Specific Habitat Requirements	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Identified for practical retention
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ9	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.057	0.016	N/A	0.923	N/A	0.015	Yes
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ10-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.115	0.014	Bellarine Yellow-gum	N/A	1	0.014	Yes
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ10-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.024	0.003	Bellarine Yellow-gum	N/A	1	0.003	No
N/A	Barwarre Road Reserve	MTV3 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.044	0.009	Bellarine Yellow-gum	N/A	1	0.009	No
N/A	Barwarre Road Reserve	MTV8 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.041	0.008	Bellarine Yellow-gum	N/A	1	0.005	No
								N/A	0.974	N/A	0.003	
41029581	432-470 Barwarre Road, Armstrong Creek VIC 3217	MTV4 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	7.043	1.409	Bellarine Yellow-gum	N/A	1	0.565	No
								N/A	0.242	N/A	0.204	
41029581	432-470 Barwarre Road, Armstrong Creek VIC 3217	MTV5 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	2.094	0.419	Bellarine Yellow-gum	N/A	1	0.398	No
								N/A	0.97	N/A	0.02	
41029581	432-470 Barwarre Road, Armstrong Creek VIC 3217	MTV6 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	1.117	0.223	Bellarine Yellow-gum	N/A	1	0.209	No
								N/A	0.1	N/A	0.001	


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PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone ¹	EVC No. & name	CMA region	LGA region	Size (Hectares)	Habitat hectares*	Specific Habitat Requirements	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Identified for practical retention
41029648	382-420 Boundary Road, Armstrong Creek VIC 3217	MTV7 [^]	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.260	0.052	Bellarine Yellow-gum	N/A	1	0.052	No

Notes: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. Biodiversity Equivalence Score based on proportion of habitat zone containing general and/or specific offset. ¹Habitat zones are a unique number for each habitat zone linked to Maps 2 and 3, and the background report (Note: in the case where part of the habitat zone is to be retained and part is to be removed, the habitat zone has been split into two separate areas in the Native Vegetation Precinct Plan to allow retention of required part.). * Habitat Hectares have been rounded to three decimal places. [^]Areas previously mapped as Modified Treeless Vegetation (MTV) have been given a condition score 0.2 to calculate the habitat hectare values.

Table 4: Scattered trees which may be removed

PSP Property Number	Property Address (including Formal Land Description)	CMA region	LGA region	Tree ID No. ¹	Species	Specific Habitat Requirements	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Identified for practical retention	Co-ordinates	
											Easting	Northing
41029522	41-99 Burvilles Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	1	<i>Allocasuarina verticillata</i>	N/A	0.1	N/A	0.001	Yes	267477	5765634
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	2	<i>Allocasuarina verticillata</i>	N/A	0.9	N/A	0.013	Yes	266898	5765964
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	3	<i>Allocasuarina verticillata</i>	N/A	0.904	N/A	0.013	Yes	266898	5765964
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	4	<i>Allocasuarina verticillata</i>	N/A	0.906	N/A	0.013	Yes	266898	5765964
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	5	<i>Allocasuarina verticillata</i>	N/A	0.907	N/A	0.013	Yes	266898	5765964
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	8	<i>Allocasuarina verticillata</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266937	5766267
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	9	<i>Allocasuarina verticillata</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266937	5766267
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	10	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	267208	5766422
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	11	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	267209	5766421
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	12	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	267191	5766416
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	13	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	276195	5766414

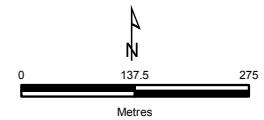
PSP Property Number	Property Address (including Formal Land Description)	CMA region	LGA region	Tree ID No. ¹	Species	Specific Habitat Requirements	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Identified for practical retention	Co-ordinates	
											Easting	Northing
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	14	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	267192	5766416
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	15	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266836	5765395
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Corangamite	City of Greater Geelong	16	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	267228	5766374
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	17	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	266831	5765365
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	18	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266831	5766373
41029648	382-420 Boundary Road, Armstrong Creek	Corangamite	City of Greater Geelong	19	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	No	267603	5766033
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	20	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266831	5765254
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	21	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266831	5765213
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	22	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266831	5765199
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	23	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266831	5765165
N/A	Torquay Road Reserve (Surf Coast Hwy)	Corangamite	City of Greater Geelong	24	<i>Eucalyptus camaldulensis</i>	Bellarine Yellow-gum	N/A	1	0.014	Yes	266831	5765165

Notes: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Tree Id numbers are a unique number for each habitat zone linked to Maps 2 and 3 and numbering is consistent with background reports.



Legend

- NVPP Boundary
- Property Boundaries
- Native Vegetation to be Removed**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
- Native Vegetation to be Retained**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
- Native Vegetation for Practical Retention**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
- Development Plan
- Roads
- Creeks & Drains



Map 2
Native Vegetation to be Retained and Removed
 Armstrong Creek Town Centre Precinct
 Issue Date 07/03/2014



VicMap Data: The State of Victoria does not warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that the State of Victoria shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

3286_Map_2_21Feb13.mxd 21/02/2013 RLG



4 OFFSET CALCULATIONS

4.1 Overview

The following documents must be produced to provide for the management of Native Vegetation Offsets:

- A Native Vegetation Offset Management Strategy for the ACTC must be developed prior to the issuing of any permit for subdivision to the satisfaction of the Department of Environment and Primary Industries and the Responsible Authority.
- A Vegetation Offset Management Plan for each stage of subdivision must be developed consistent with the Native Vegetation Offset Management Strategy.



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Table 5.1: Offset requirements for habitat zones of native vegetation

PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone	EVC No. & name	CMA region	LGA region	Loss (Hectares)	Loss (Habitat hectares)*	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Specific Offset Requirement	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.032	0.008	0.991	N/A	0.008	N/A	1.5	0.012	0.793
N/A	Barwarre Road Reserve	HZ2A - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.020	0.005	N/A	1	0.005	Bellarine Yellow-gum	2	0.01	N/A
N/A	Boundary Road Reserve	HZ2B- 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.001	0	N/A	1	0	Bellarine Yellow-gum	2	0	N/A
41029648	382-420 Boundary Road, Armstrong Creek VIC 3217	HZ2C - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.028	0.005	N/A	1	0.005	Bellarine Yellow-gum	2	0.01	N/A
N/A	Barwarre Road Reserve	HZ2D - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.028	0.007	N/A	1	0.007	Bellarine Yellow-gum	2	0.014	N/A
N/A	Barwarre Road Reserve	HZ2E - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.017	0.004	N/A	1	0.004	Bellarine Yellow-gum	2	0.008	N/A
212600751	500-540 Torquay Road (Surf Coast Hwy), Armstrong Creek VIC 3217	HZ2F - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.027	0.007	N/A	1	0.007	Bellarine Yellow-gum	2	0.014	N/A
N/A	Burvilles Road Reserve	HZ2F - 3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.042	0.011	N/A	1	0.011	Bellarine Yellow-gum	2	0.022	N/A



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PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone	EVC No. & name	CMA region	LGA region	Loss (Hectares)	Loss (Habitat hectares)*	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Specific Offset Requirement	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score
212600751	500-540 Torquay Road (Surf Coast Hwy), Armstrong Creek VIC 3217	HZ3 - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.046	0.015	N/A	1	0.015	Bellarine Yellow-gum	2	0.03	N/A
N/A	Burvilles Road Reserve	HZ3 - 3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.006	0.002	N/A	1	0.002	Bellarine Yellow-gum	2	0.004	N/A
N/A	Burvilles Road Reserve	HZ3 - 4	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.011	0.004	N/A	1	0.004	Bellarine Yellow-gum	2	0.008	N/A
N/A	Barwarre Road Reserve	HZ4B - 1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.012	0.004	N/A	1	0.004	Bellarine Yellow-gum	2	0.008	N/A
N/A	Barwarre Road Reserve	HZ4D - 2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.022	0.007	N/A	1	0.007	Bellarine Yellow-gum	2	0.014	N/A
N/A	Barwarre Road Reserve	HZ5b-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.036	0.016	N/A	1	0.016	Bellarine Yellow-gum	2	0.032	N/A
N/A	Boundary Road Reserve	HZ6a-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.004	0.001	N/A	1	0.001	Bellarine Yellow-gum	2	0.002	N/A
N/A	Boundary Road Reserve	HZ6a-3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.027	0.007	N/A	1	0.007	Bellarine Yellow-gum	2	0.014	N/A



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PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone	EVC No. & name	CMA region	LGA region	Loss (Hectares)	Loss (Habitat hectares)*	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Specific Offset Requirement	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score
41029648	382-420 Boundary Road, Armstrong Creek VIC 3217	HZ 6B	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.028	0.004	N/A	1	0.004	Bellarine Yellow-gum	2	0.008	N/A
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ8a	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.148	0.027	N/A	1	0.027	Bellarine Yellow-gum	2	0.054	N/A
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ8b	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.017	0.003	N/A	1	0.000	Bellarine Yellow-gum	2	0.000	N/A
								0.928	N/A	0.003	N/A	1.5	0.005	0.742
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ9	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.057	0.016	0.923	N/A	0.015	N/A	1.5	0.0225	0.738
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ10-1	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.115	0.014	N/A	1	0.014	Bellarine Yellow-gum	2	0.028	N/A
N/A	Torquay Road Reserve (Surf Coast Hwy)	HZ10-2	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.024	0.003	N/A	1	0.003	Bellarine Yellow-gum	2	0.006	N/A
N/A	Barwarre Road Reserve	MTV3	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.044	0.009	N/A	1	0.009	Bellarine Yellow-gum	2	0.018	N/A
N/A	Barwarre Road Reserve	MTV8	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.041	0.008	N/A	1	0.005	Bellarine Yellow-gum	2	0.010	N/A



PSP Property Number	Property Address (including Formal Land Description)	Habitat Zone	EVC No. & name	CMA region	LGA region	Loss (Hectares)	Loss (Habitat hectares)*	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Specific Offset Requirement	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score
			175)					0.974	N/A	0.003	N/A	1.5	0.005	0.779
41029581	432-470 Barwarre Road, Armstrong Creek VIC 3217	MTV4	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	7.043	1.409	N/A	1	0.565	Bellarine Yellow-gum	2	1.130	N/A
								0.242	N/A	0.204	N/A	1.5	0.306	0.194
41029581	432-470 Barwarre Road, Armstrong Creek VIC 3217	MTV5	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	2.094	0.419	N/A	1	0.398	Bellarine Yellow-gum	2	0.796	N/A
								0.97	N/A	0.020	N/A	1.5	0.030	0.776
41029581	432-470 Barwarre Road, Armstrong Creek VIC 3217	MTV6	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	1.117	0.223	N/A	1	0.209	Bellarine Yellow-gum	2	0.418	N/A
								0.1	N/A	0.001	N/A	1.5	0.002	0.080
41029648	382-420 Boundary Road, Armstrong Creek VIC 3217	MTV7	Grassy Woodland (EVC 175)	Corangamite	City of Greater Geelong	0.260	0.052	N/A	1	0.052	Bellarine Yellow-gum	2	0.104	N/A

Notes: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. Biodiversity Equivalence Score and Offset requirements based on proportion of habitat zone containing general and/or specific offset.

*Habitat Hectares scores have been rounded to three decimal places. **Biodiversity Equivalence Unit Targets have been calculated on the unrounded Biodiversity Equivalence Score and then rounded to three decimal places. ^Areas previously mapped as Modified Treeless Vegetation (MTV) have been given a condition score 0.2 to calculate the habitat hectare values.



Table 5.2: Total Offset requirements for Habitat Zones of native vegetation

Offset to be achieved				
Offset Type	CMA region	LGA region	Specific Offset Requirement	Biodiversity Equivalence Units to be achieved
General	Corangamite	City of Greater Geelong	N/A	0.381
Specific	Corangamite	City of Greater Geelong	Bellarine Yellow-gum	2.762

Notes: Totals do not include offset requirements associated with scattered trees.



Table 6.1: Offset required for scattered trees

PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Loss: No. of Canopy Trees (incl. tree number)	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	Habitat Importance Score	Biodiversity Equivalence Score	Specific Offset Requirement	Offset Multiplier	Biodiversity Equivalence Units to be achieved*	Minimum Strategic Biodiversity Score
206451754	362-380 Boundary Road, Armstrong Creek VIC 3217	Grassy Woodland (EVC 175)	6 (10, 11, 12, 13, 14, 16)	0.085	N/A	1	0.085	Bellarine Yellow-gum	2	0.170	N/A
41029648	382-420 Boundary Road, Armstrong Creek	Grassy Woodland (EVC 175)	1 (19)	0.014	N/A	1	0.014	Bellarine Yellow-gum	2	0.028	N/A
41029522	41-99 Burvilles Road, Armstrong Creek VIC 3217	Grassy Woodland (EVC 175)	1(1)	0.014	0.1	N/A	0.001	N/A	1.5	0.002	0.080
N/A	Torquay Road Reserve (Surf Coast Hwy)	Grassy Woodland (EVC 175)	1 (2)	0.014	0.9	N/A	0.013	N/A	1.5	0.02	0.720
			1 (3)	0.014	0.904	N/A	0.013	N/A	1.5	0.02	0.723
			1 (4)	0.014	0.906	N/A	0.013	N/A	1.5	0.02	0.725
			1 (5)	0.014	0.907	N/A	0.013	N/A	1.5	0.02	0.726
N/A	Torquay Road Reserve (Surf Coast Hwy)	Grassy Woodland (EVC 175)	10 (8, 9, 15, 17, 18, 20, 21, 22, 23, 24)	0.142	N/A	1	0.142	Bellarine Yellow-gum	2	0.284	N/A

Notes: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. #Tree Id numbers (in brackets) are a unique number for each tree and numbering is consistent with background reports; *Biodiversity Equivalence Unit Targets have been calculated on the unrounded Biodiversity Equivalence Score and then rounded to three decimal places.



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Table 6.2: Total Offset requirements for Scattered Trees

Offset to be achieved				
Offset Type	CMA region	LGA region	Specific Offset Requirement	Biodiversity Equivalence Units to be achieved
General	Corangamite	City of Greater Geelong	N/A	0.082
Specific	Corangamite	City of Greater Geelong	Bellarine Yellow-gum	0.483

Notes: Totals do not include offset requirements associated with habitat zones.

5 CONDITIONS AND REQUIREMENTS FOR PERMITS

5.1 Conditions

The following conditions apply from the gazettal of the ACTC NVPP:

- Dead large scattered trees (stags) may be relocated to secure locations within the precinct subject to the identification of suitable areas to the satisfaction of the responsible authority. Any relocated dead tree that remains standing for a minimum of two years after relocation, will not require offsetting.
- Where relevant, prior to the commencement of works, a Stag Relocation Plan for each stage of subdivision must be submitted and approved by the Responsible Authority. The plan must include the following:
 - Species identification and size of each individual tree proposed for relocation;
 - Identification of the relocation site(s) for each of the trees; and,
 - The proposed site preparation and protection measures to ensure each trees longevity and protection after relocation is maximised.
- Where offsets are required, an Offset Management Plan, consistent with an endorsed Offset Management Strategy for the ACTC must be prepared to the satisfaction of the Department of Environment and Primary Industries and the responsible authority.
- As part of the development of the Offset Strategy for the ACTC a Native Vegetation Offset Tracking Tool will be required to track native vegetation removal. The Offset Tracking Tool is required to be submitted to the Responsible Authority prior to the removal of any native vegetation.
- Prior to the commencement of any works including native vegetation removal a highly visible vegetation protection fence must be erected to the AS 4970-2009 or successor standard around any scattered tree and vegetation which have been identified to be retained unless otherwise agreed to in writing by the Responsible Authority. Where the minimum standard for protection has not been met, an offset may be required.
- Native vegetation identified as ‘removed’ within this NVPP does not require a further planning permit.
- Any detailed development or subdivision design must consider the principles of the Guidelines in avoiding and minimising the removal of native vegetation to the satisfaction of the responsible authority.

- Native vegetation identified for ‘practical retention’ is considered removed in this plan. It is acknowledged that the developer(s) will aim to retain this vegetation throughout the detailed design process. However, if native vegetation identified for practical retention is retained and protected in the future, offset requirements will be recalculated accordingly.
- Before any native vegetation is removed, evidence that an offset has been secured must be provided to the satisfaction of the responsible authority. This offset must meet the offset requirements set out in this permit and be in accordance with the requirements of the Guidelines and the Native vegetation gain scoring manual (DEPI 2013b). Offset evidence can be either:
 - a security agreement, to the required standard, for the offset site or sites, including a 10 year offset management plan.
 - a credit register extract from the Native Vegetation Credit Register.
- Implementation of native vegetation offsets must be completed according to the schedule of works in the Vegetation Offset Management Plan, to the satisfaction of the Responsible Authority and Department of Environment and Primary Industries. Vegetation offsets will require protection through conservation covenants or Section 173 agreements to the satisfaction of the Responsible Authority.
- Any revegetation works undertaken within a native vegetation offset site must comprise of locally indigenous species of local providence. Any seed collected for revegetation must be collected using Florabank Guidelines and Florabank Model Code of Practice.
- Any native vegetation to be removed (in accordance with this NVPP) must be clearly marked on site to the satisfaction of the Responsible Authority whilst works are being undertaken within the vicinity.
- Prior to the felling any tree which may be removed, the tree must be examined by a suitably qualified zoologist for the presence of fauna in hollows or external nests. If native fauna species are located, they must be salvaged and relocated to the closest suitable vegetation, in consultation with the Department of Environment and Primary Industries.
- Any pruning that is required to be done to the canopy or root systems of any indigenous tree to be retained is to be done by a qualified Arborist to Australian Standard – Pruning of Amenity Trees AS4373-1996. Any pruning or removal of tree limbs must be to the minimum extent necessary and must not exceed one third of the tree canopy and must not include lopping of the trunk.



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- Any construction stockpiles, fill and machinery must be placed away from areas supporting native vegetation and drainage lines to the satisfaction of the responsible authority.
- Water run-off must be managed to ensure that native vegetation to be retained is not compromised.
- No grazing may occur on native vegetation to be protected (unless permitted by a Management Plan approved by the responsible authority).
- A management plan is required for areas of native vegetation to be retained, specifically for weed control and to improve vegetation condition and habitat value for significant flora species (i.e. Melbourne Yellow Gum).
- The conditions and requirements for permits as outlined above must be fully complied with at all times throughout the development.



6 PROCEDURES FOR THE COLLECTION OF ANY PAYMENTS

No payments are necessary or specified.



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7 OTHER INFORMATION

The specific controls contained within this incorporated document do not expire.



8 REFERENCE DOCUMENTS

CCMA 2005. *Corangamite Catchment Management Authority Native Vegetation Plan*. Corangamite Catchment Management Authority.

DPCD 2012. Planning Schemes Online: <http://www.dse.vic.gov.au/>. Department of Planning and Community Development.

DEPI 2013a. *Permitted clearing of native vegetation – Biodiversity assessment guidelines*. Department of Environment and Primary Industries, Victoria.

DEPI 2013b. *Native vegetation gain scoring manuals*. Department of Environment and Primary Industries, Victoria.

Ecology Australia 2010. Armstrong Creek, Major Activities Centre: Flora, fauna and Net Gain assessment. Report to the City of Greater Geelong.



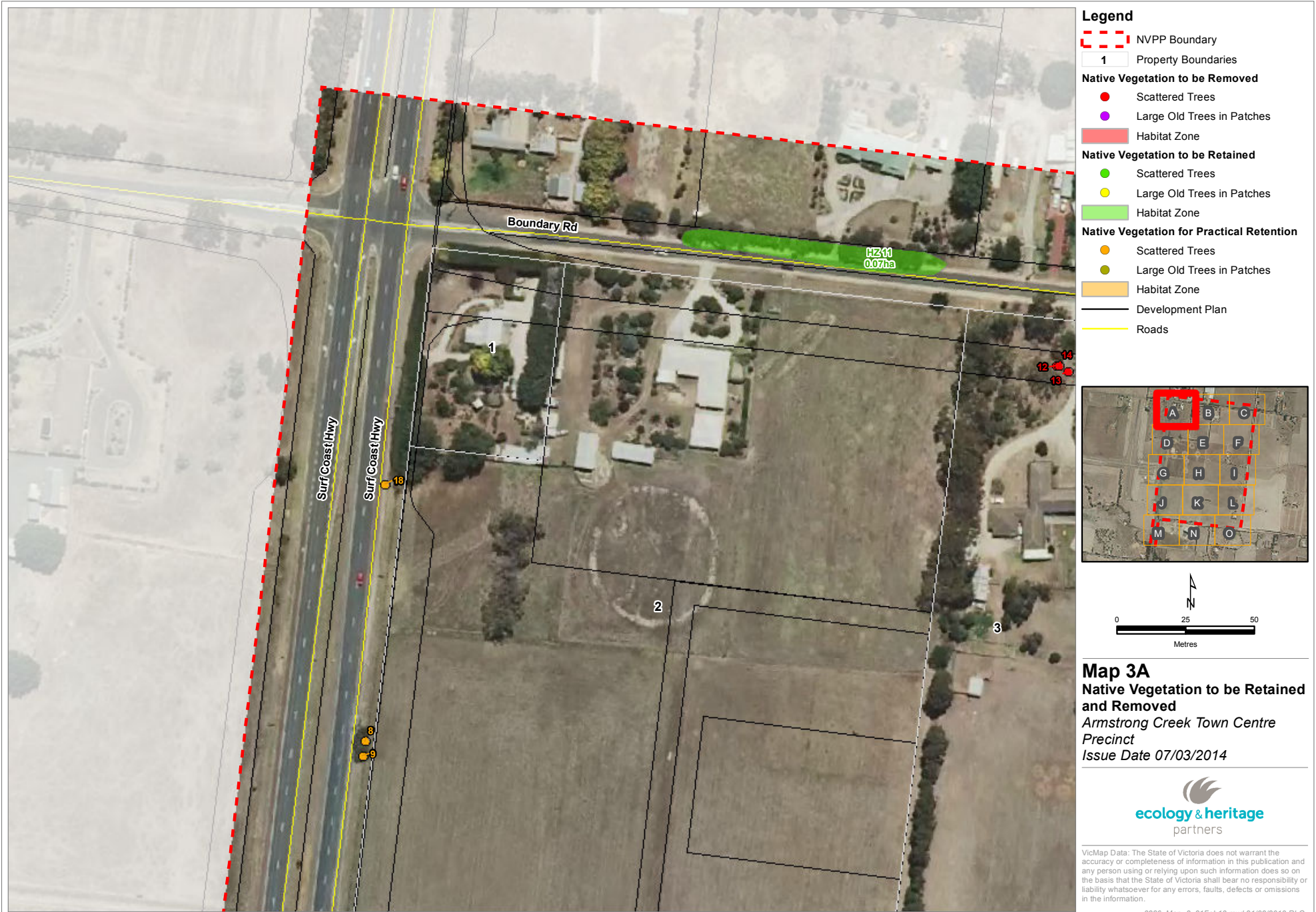
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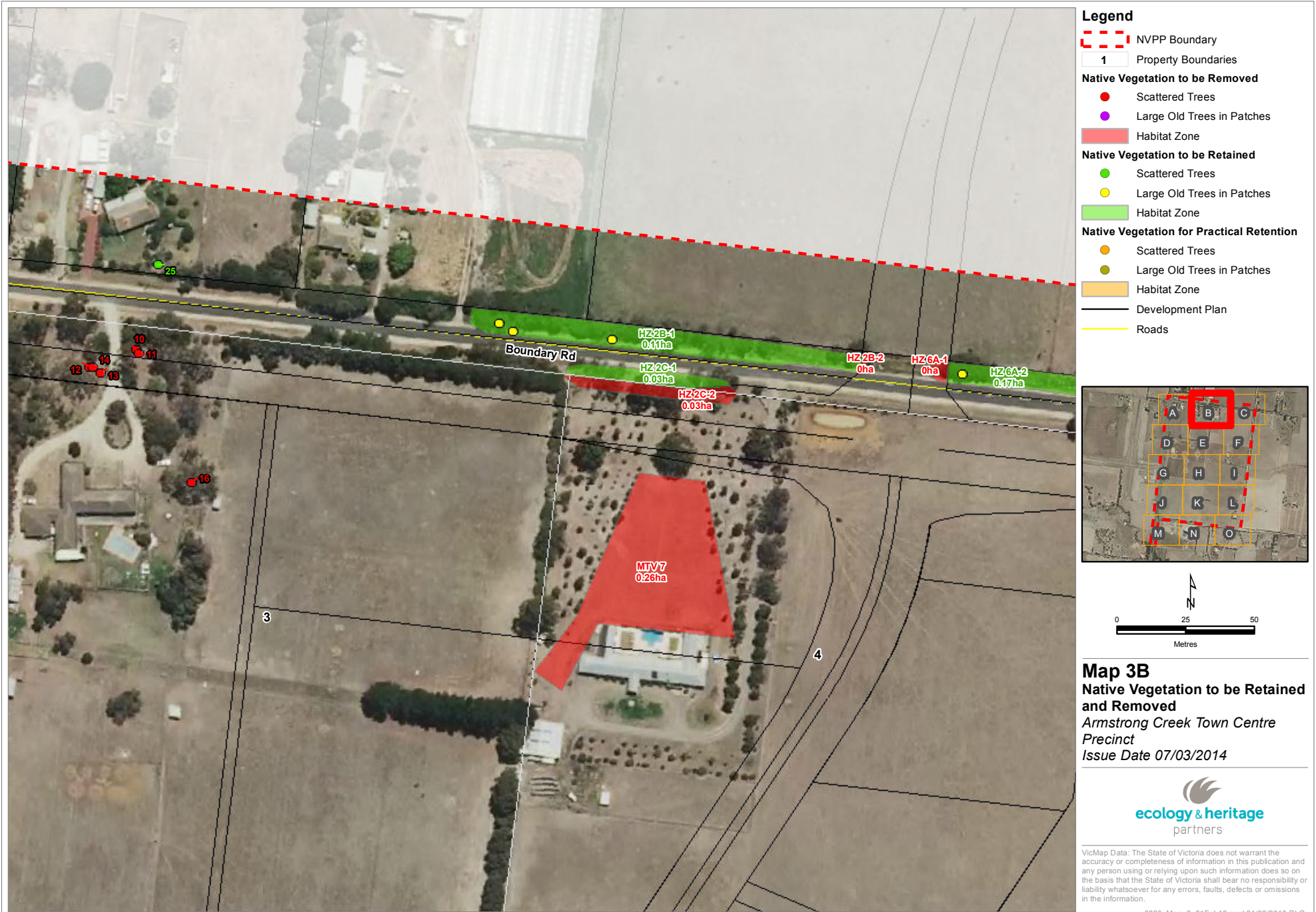
APPENDICES



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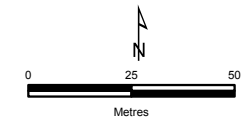
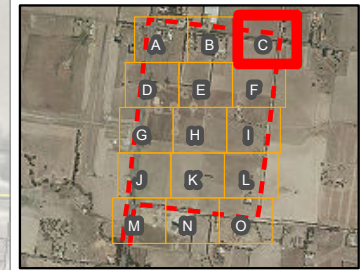
APPENDIX 1: MAP 3 ANNOTATED MAPS OF NATIVE VEGETATION TO BE RETAINED AND REMOVED







- Legend**
- NVPP Boundary
 - 1 Property Boundaries
 - Native Vegetation to be Removed**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Native Vegetation to be Retained**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Native Vegetation for Practical Retention**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Development Plan
 - Roads

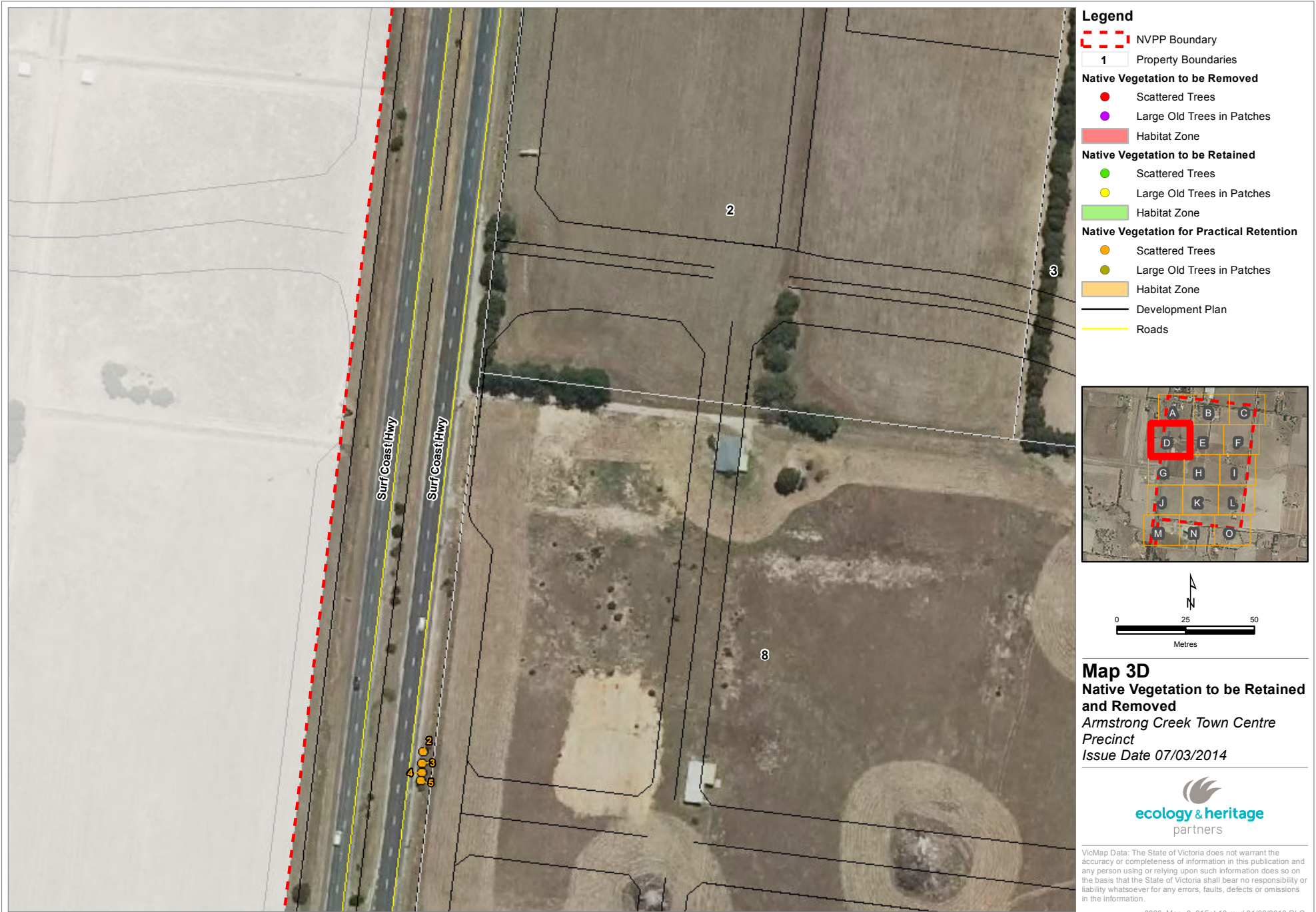


Map 3C
Native Vegetation to be Retained and Removed
 Armstrong Creek Town Centre Precinct
 Issue Date 07/03/2014

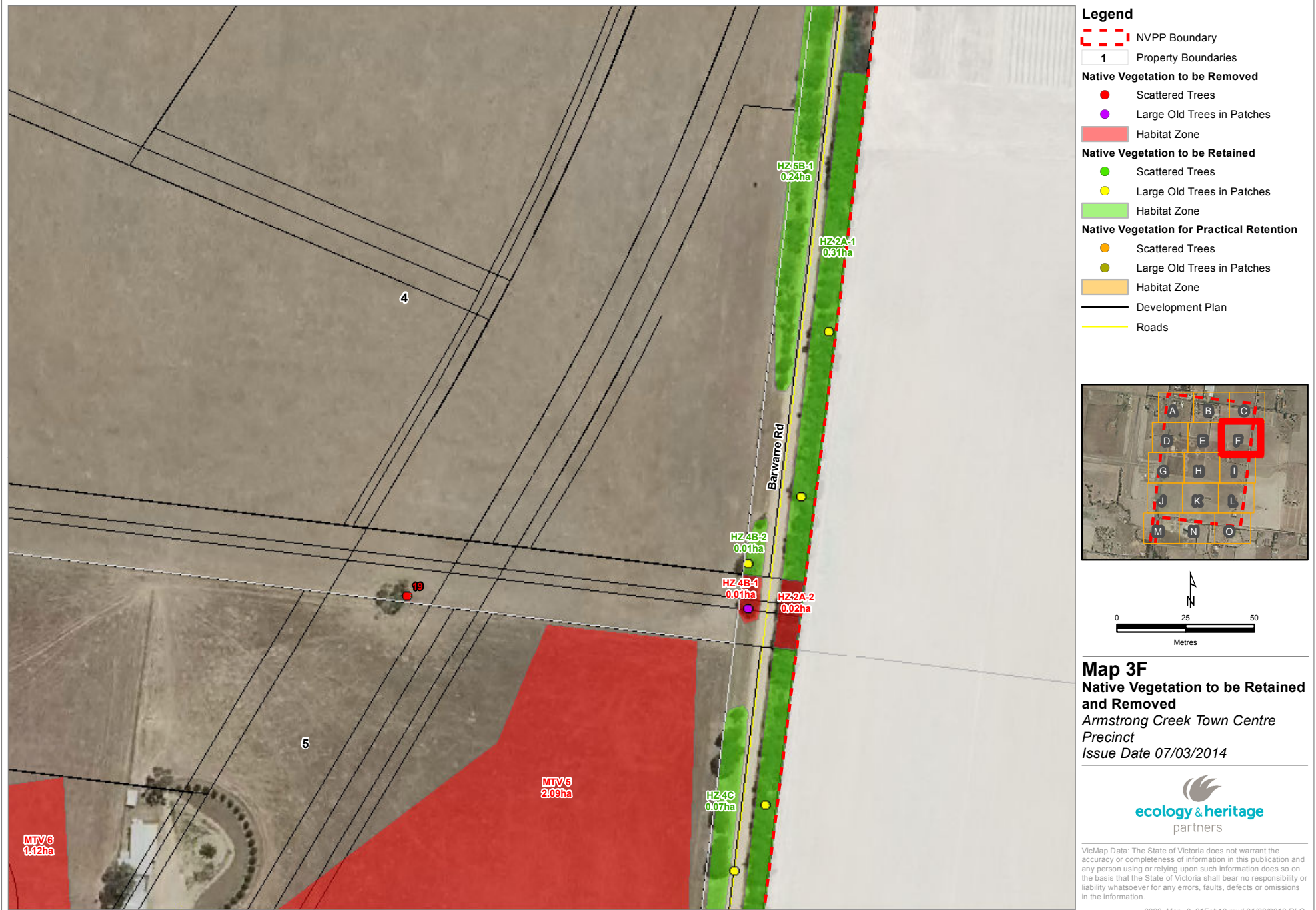


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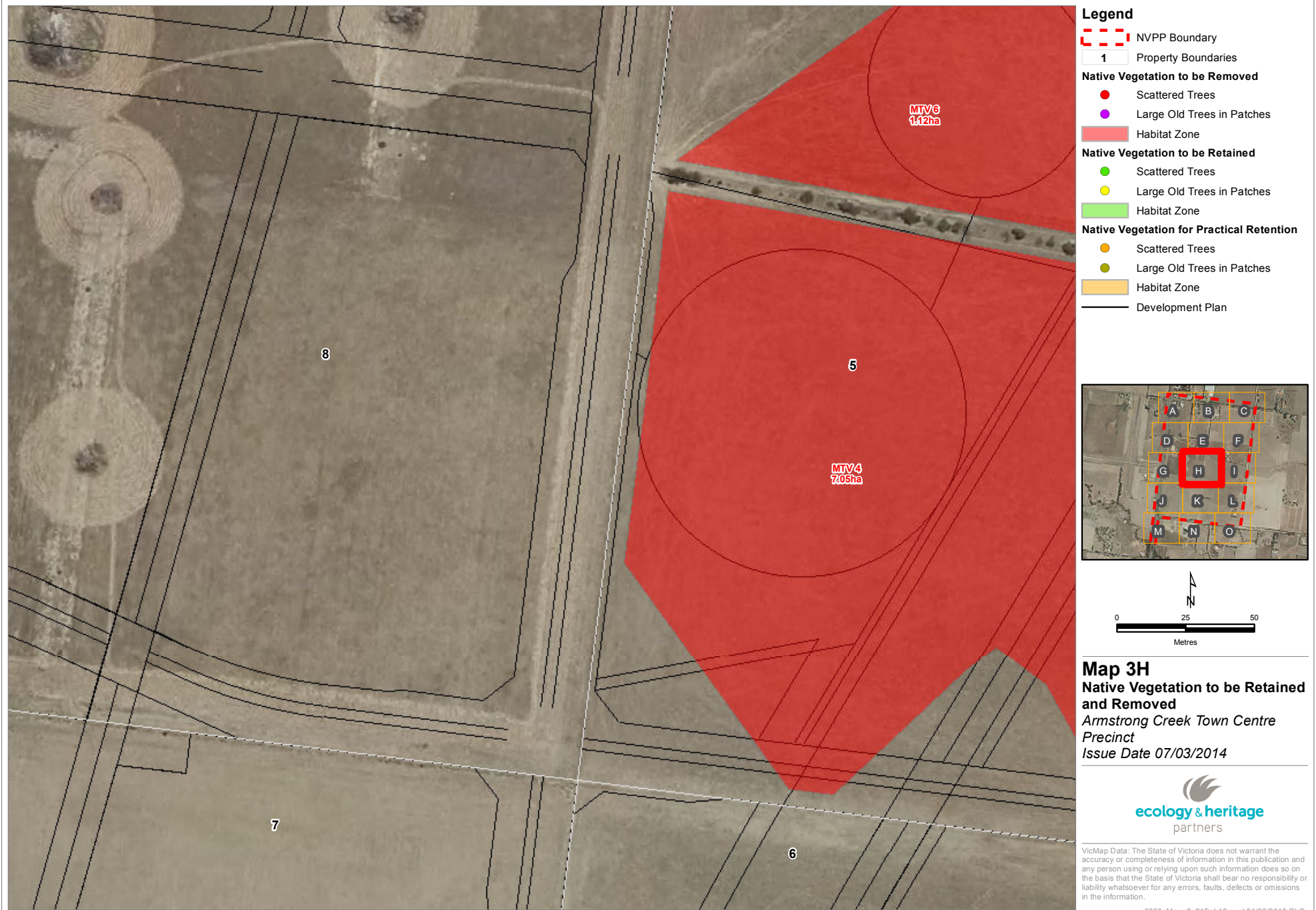
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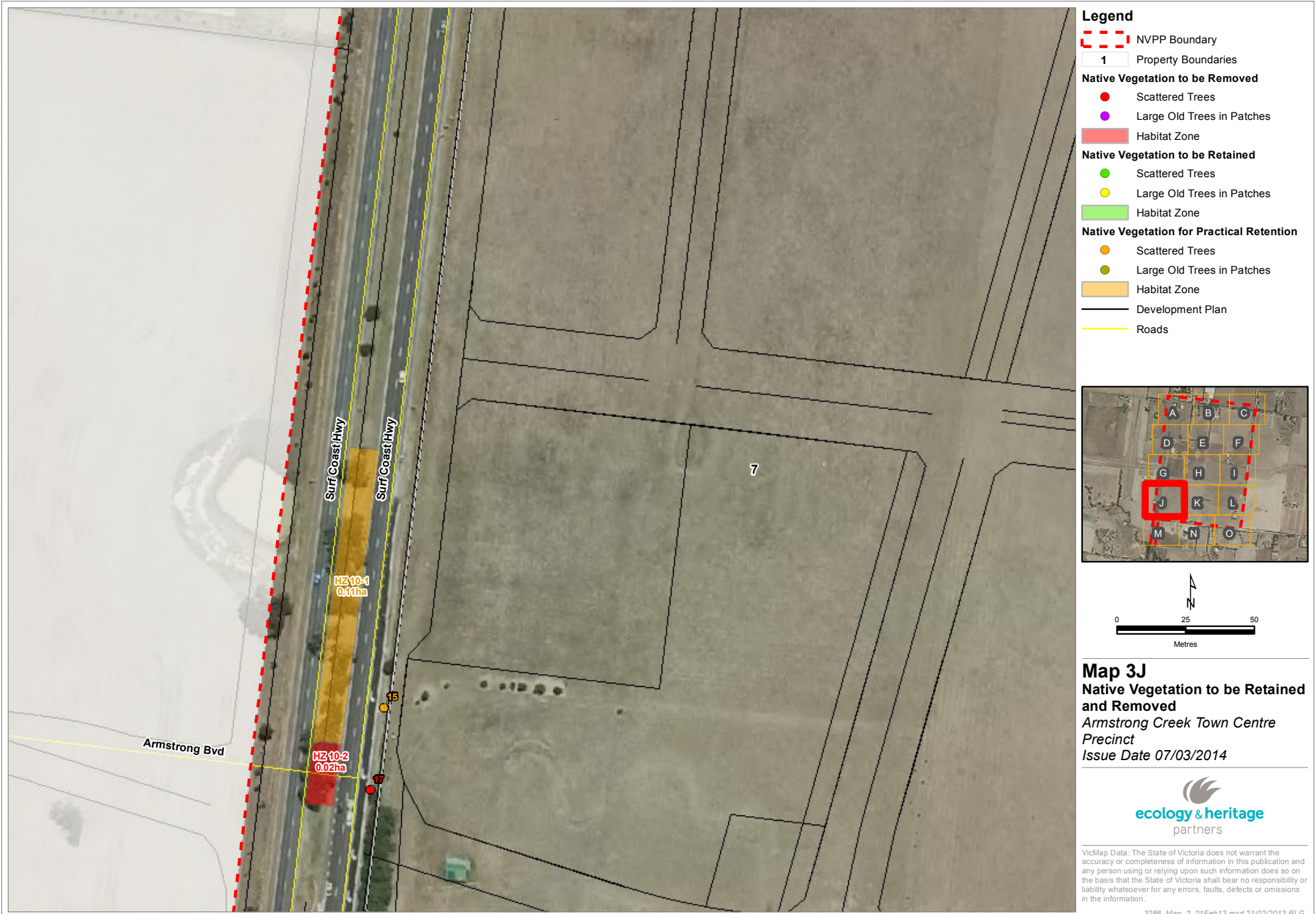




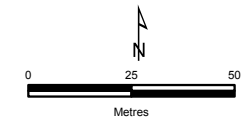
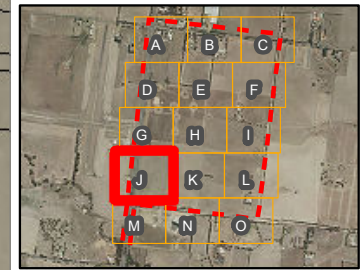








- Legend**
- NVPP Boundary
 - Property Boundaries
 - Native Vegetation to be Removed**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Native Vegetation to be Retained**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Native Vegetation for Practical Retention**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Development Plan
 - Roads

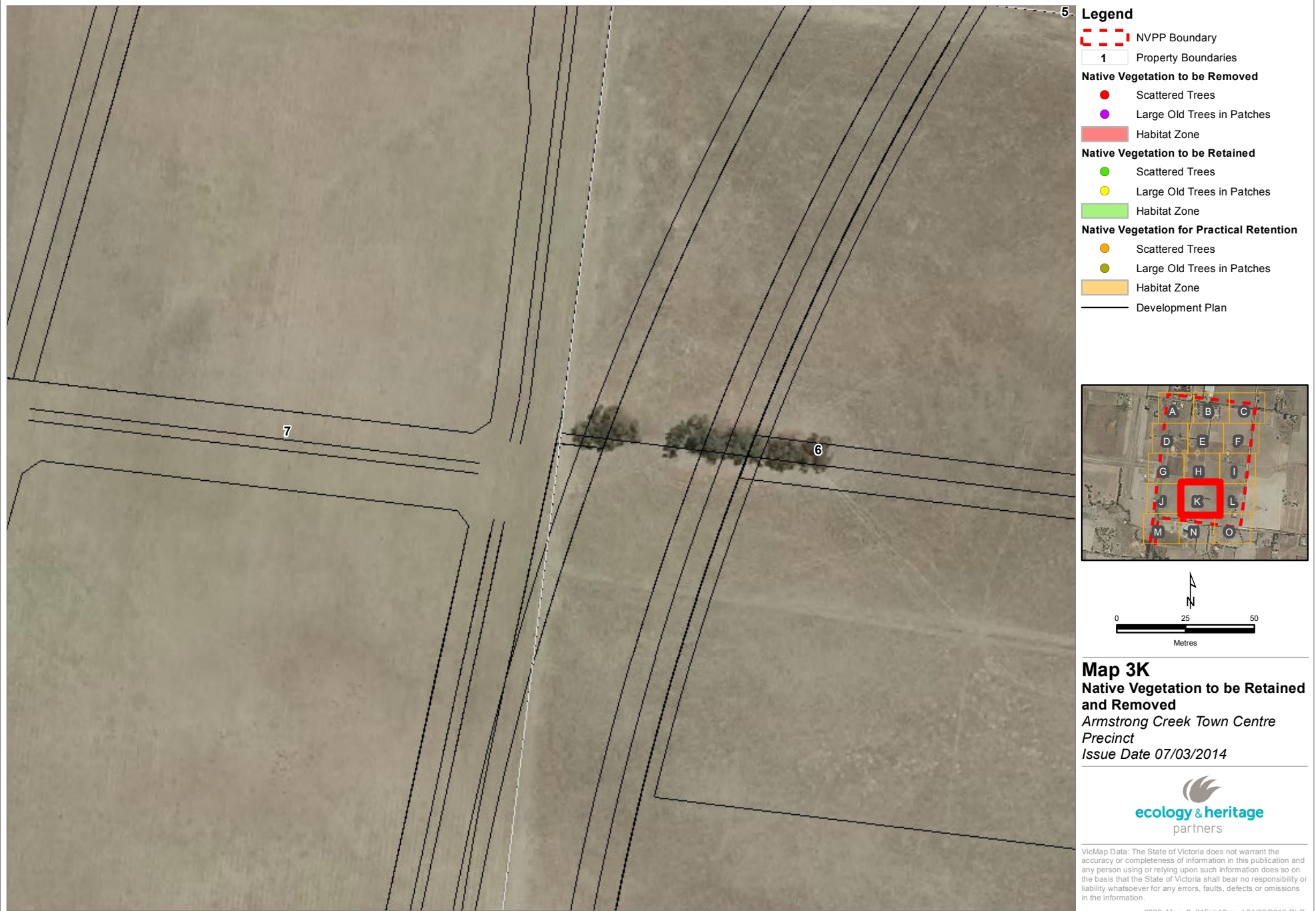


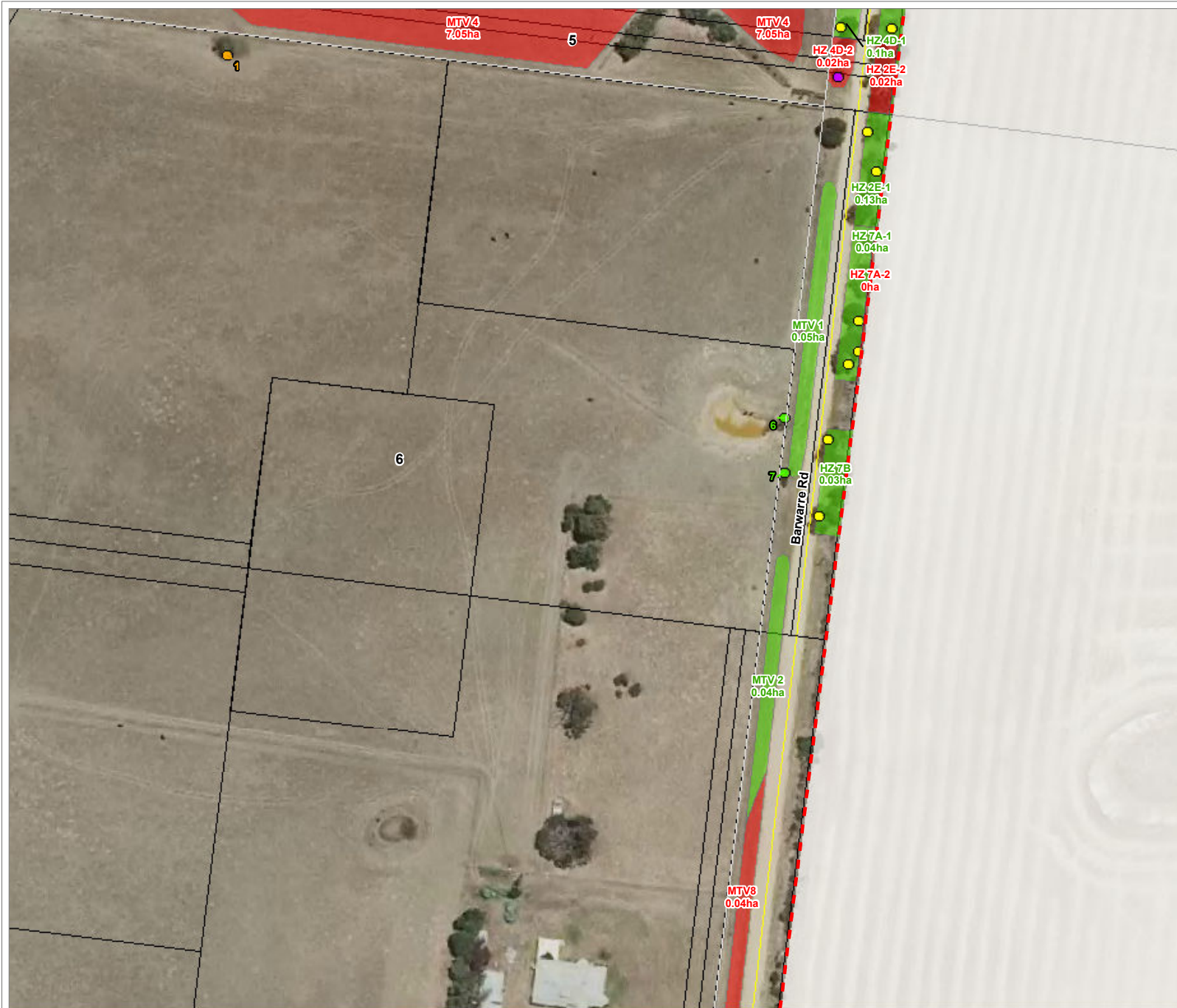
Map 3J
Native Vegetation to be Retained and Removed
 Armstrong Creek Town Centre Precinct
 Issue Date 07/03/2014



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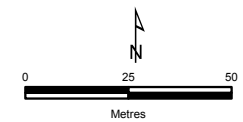
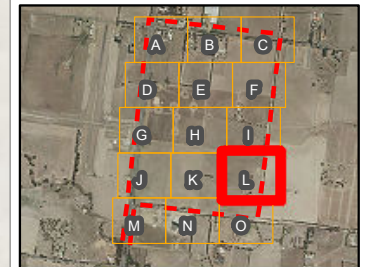
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Legend

- NVPP Boundary
- Property Boundaries
- Native Vegetation to be Removed**
 - Scattered Trees
 - Large Old Trees in Patches
- Habitat Zone
- Native Vegetation to be Retained**
 - Scattered Trees
 - Large Old Trees in Patches
- Habitat Zone
- Native Vegetation for Practical Retention**
 - Scattered Trees
 - Large Old Trees in Patches
- Habitat Zone
- Development Plan
- Roads

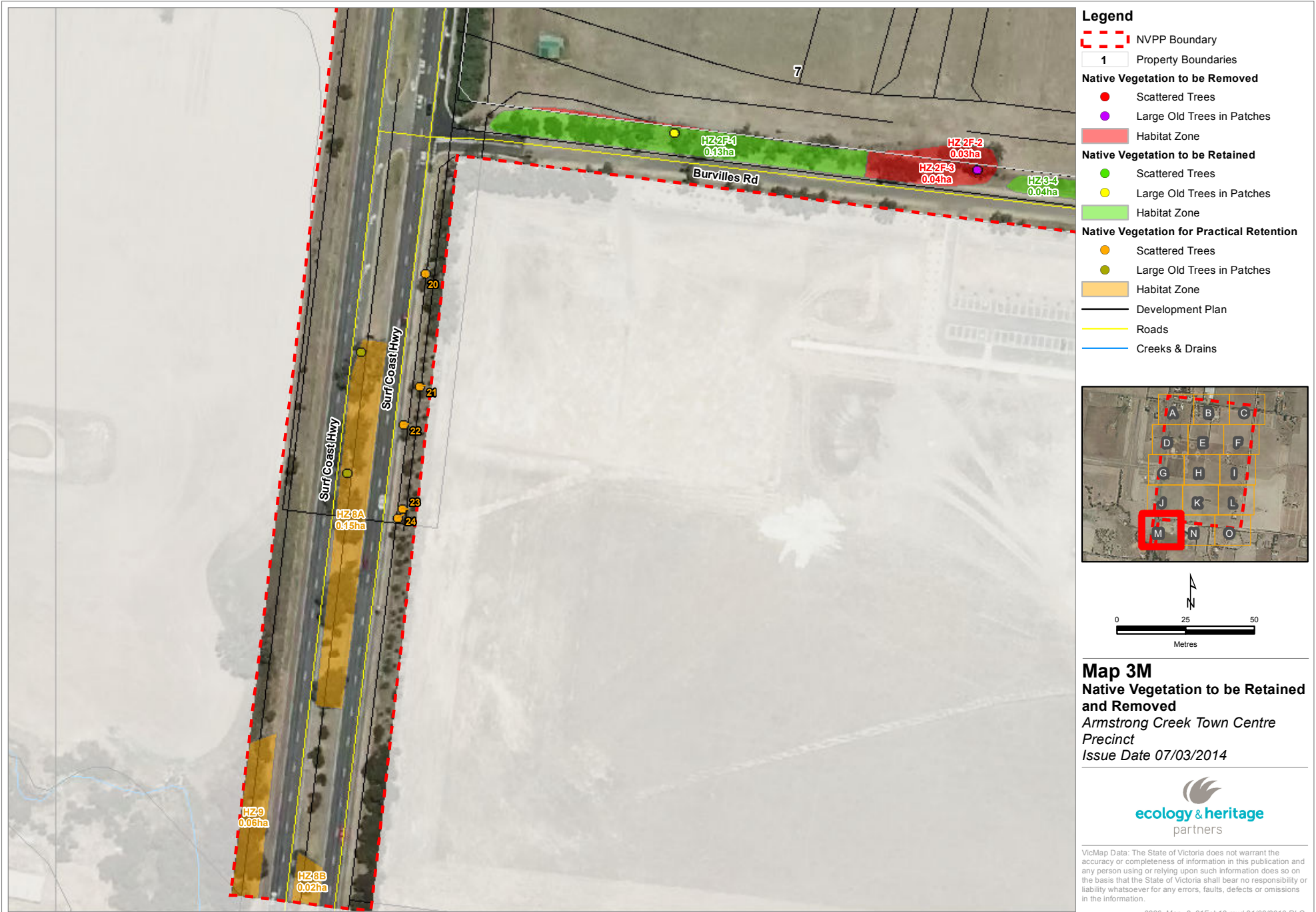


Map 3L
Native Vegetation to be Retained and Removed
 Armstrong Creek Town Centre Precinct
 Issue Date 07/03/2014



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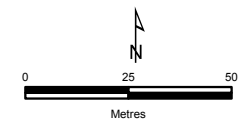
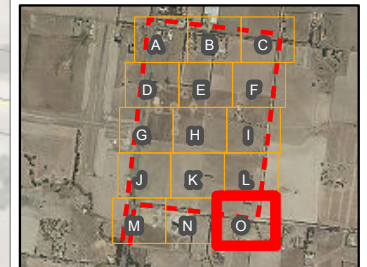
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- Legend**
- NVPP Boundary
 - 1 Property Boundaries
 - Native Vegetation to be Removed**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
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 - Large Old Trees in Patches
 - Habitat Zone
 - Native Vegetation for Practical Retention**
 - Scattered Trees
 - Large Old Trees in Patches
 - Habitat Zone
 - Development Plan
 - Roads



Map 30
Native Vegetation to be Retained and Removed
 Armstrong Creek Town Centre Precinct
 Issue Date 07/03/2014



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Final Report

Native Vegetation Precinct Plan - Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area

Prepared for

City of Greater Geelong

July 2021



Ecology and Heritage Partners Pty Ltd

MELBOURNE: 292 Mt Alexander Road Ascot Vale VIC 3056 GEELONG: PO Box 8048 Newtown VIC 3220
BRISBANE: Level 22 / 127 Creek Street Brisbane QLD 4000 ADELAIDE: 8 Greenhill Road Wayville SA 5034
www.ehpartners.com.au



DOCUMENT CONTROL

Assessment	Native Vegetation Precinct Plan - Horseshoe Bend Precinct, Armstrong Creek Urban Growth Area
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Project manager	Robyn Neville
Other EHP staff	Andrew Hill
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Client	City of Greater Geelong
Bioregion	Victorian Volcanic Plain
CMA	Corangamite
Council	City of Greater Geelong

Report versions	Comments	Comments updated by	Date submitted
Final v1	Original NVPP updated to correspond with the Biodiversity Assessment Guidelines		-
Final v2	Updated development plan added to Maps	R. Giles	21/08/2014
Final v3	Table header rows repeated	R. Giles	17/10/2014
Final v4	<ul style="list-style-type: none"> Revised offset calculations based on changes to DELWP protocol Addition of offset summary tables Removal of Appendix 2 Updates to addresses 	R. Neville	07/11/2019
Final v5	<ul style="list-style-type: none"> Updates made in accordance with matters agreed at Panel 	S. LeBel	22/07/2021

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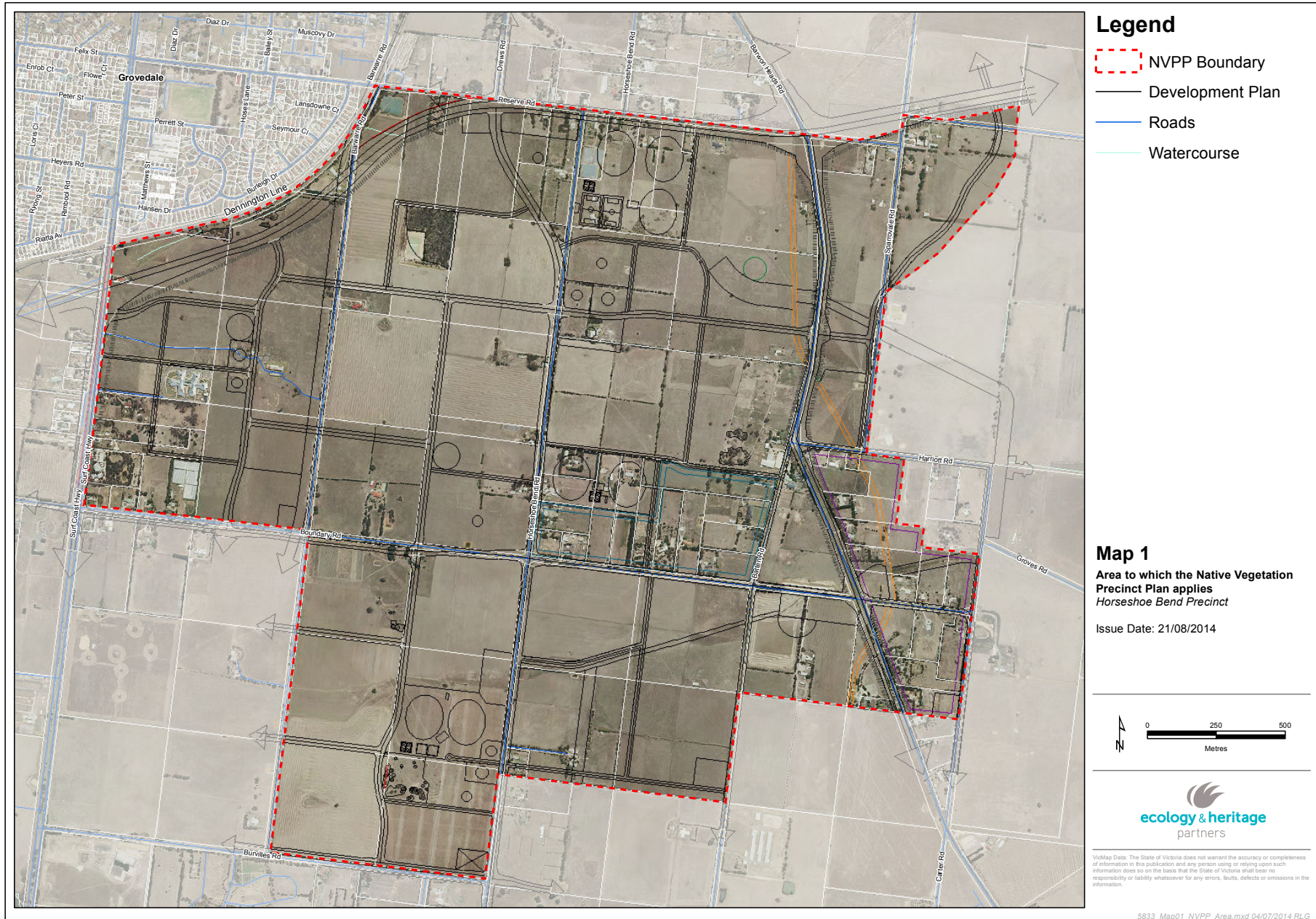


1 NATIVE VEGETATION PRECINCT PLAN

1.1 Background

This is the Horseshoe Bend Precinct Native Vegetation Precinct Plan (NVPP) listed under the Schedule to Clause 52.16 of the City of Greater Geelong Planning Scheme. The removal, destruction or lopping of native vegetation in accordance with this NVPP, does not require a permit provided conditions and requirements specified in this NVPP are met.

The Horseshoe Bend Precinct NVPP applies to all land shown in Map 1.





1.2 Purpose

The purpose of the Horseshoe Bend Precinct NVPP is to:

- Specify the native vegetation to be retained and the native vegetation that can be removed, destroyed or lopped;
- Ensure that areas set aside to retain native vegetation are managed to conserve ecological values;
- Ensure that the removal, destruction or lopping of native vegetation specified to be retained is consistent with conserving the ecological values of these areas and is in accordance with the *Permitted clearing of native vegetation – Biodiversity assessment guidelines* (the Guidelines) (DEPI 2013a);
- Set out the works or other necessary actions required to offset the removal, destruction or lopping of native vegetation; and,
- Streamline the planning approvals process through a landscape approach to native vegetation protection and management.

1.3 Vegetation Protection Objectives to be Achieved

The objectives for native vegetation protection are to:

- Provide for the protection of native vegetation within the precinct in accordance with the Guidelines (DEPI 2013a);
- Be consistent with the required biodiversity outcomes of the Horseshoe Bend Precinct, Precinct Structure Plan, and the Armstrong Creek Urban Growth Area Plan – Volume 1 (CoGG 2010);
- Ensure that appropriate biodiversity outcomes are achieved through the retention of specified native vegetation, habitat enhancement and waterway protection.
- Encourage design outcomes to retain scattered trees and promote the use of large dead trees to enhance landscape aesthetics and biodiversity values. This includes live trees with habitat hollows that are permitted for removal being salvaged and used for fauna habitat.
- Support the provision of conservation reserves and Public Open Space to avoid vegetation loss, minimise ecological impacts and enhance native vegetation protection.
- Develop a management plan for state listed significant flora species (i.e. Melbourne Yellow Gum *Eucalyptus leucoxylon* subsp. *connata*).



2 THE NATIVE VEGETATION TO BE RETAINED

The native vegetation to be retained is as described in Tables 1 and 2 and shown in Maps 2 and 3 to this plan.

Scattered trees identified as retained do not require offsets; however, a scattered tree can only be used as an offset if it meets the definition of a protected tree and is secured in perpetuity.

Protection of a tree is defined as an area with twice the canopy diameter fenced and protected from adverse impacts: grazing, burning and soil disturbance not permitted, fallen timber retained, weeds controlled and intervention/management if necessary to ensure adequate natural regeneration or planting can occur.

Scattered trees located in an area not deemed protected can be considered 'retained' if they are considered likely to survive in the long term and do not pose a threat to public safety.

A scattered tree is deemed to be lost if one or more of the following occurs:

- Construction activities encroach on more than 10% of the Tree Protection Zone; or,
- Lopping removes more than 1/3 of the crown; or,
- The tree trunk is damaged.

Remnant patches and scattered trees identified for 'practical retention' are considered removed in this plan. While every effort will be made to retain scattered trees, it is acknowledged that these trees are likely to be retained for their landscape/aesthetic value, rather than as a true conservation outcome.

The process undertaken for 'practical retention', was based on the principles of 'avoid and minimise' for losses of remnant vegetation (including remnant patches and scattered trees), as well as state listed significant flora species (i.e. Melbourne Yellow Gum) within the study area.

Additional criteria for practical retention of native vegetation included:

- Areas of roadside vegetation comprising of intact and high value habitat zones;
- Non-native trees as important wildlife habitat; and,
- Very Large Old Trees and Large Old Trees that are "long lived" species (i.e. Eucalypts).

Native vegetation shown in Tables 1 and 2, and Map 2 and Map 3 as to be retained should not be removed, as a landscape approach to native vegetation retention and removal has been adopted in the preparation of this NVPP, rather than using a site by site approach. Twelve dead scattered trees (stags) are proposed to be relocated prior to development and have therefore been identified for 'retention' in Table 2.

Decisions relating to removal of areas of native vegetation have been made in a holistic manner taking into account areas of native vegetation which are proposed to be retained. The adhoc removal of native vegetation which is identified as to be retained may undermine the landscape wide approach to the preparation of this NVPP.



Table 1: Habitat Zones to be retained

PSP Property Number	Property Address (including Formal Land Description)	EVC Name and No.	Map reference	CMA/LGA region	Habitat Zone ¹	Size (ha)	Habitat Hectares *	Strategic Biodiversity Score	General Biodiversity Equivalence Score
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	3g	CCMA/CoGG	GW1	0.044	0.007	0.986	0.007
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	3g	CCMA/CoGG	GW2	0.033	0.008	0.985	0.008
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	175: GW	3g	CCMA/CoGG	GW3b	0.076	0.017	0.990	0.017
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	3g	CCMA/CoGG	GW3c	0.161	0.035	0.985	0.035
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	3g	CCMA/CoGG	GW3d-1	0.071	0.016	0.985	0.015
173293602	282-400 Horseshoe Bend Rd, Mount Duneed (K~5\PP2421)	175: GW	3g	CCMA/CoGG	GW3d-2	0.027	0.006	0.985	0.006
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3g	CCMA/CoGG	GW4a-1	0.002	0.001	0.991	0.001
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	175: GW	3g	CCMA/CoGG	GW4a-2	0.125	0.032	0.991	0.032
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3a	CCMA/CoGG	GW5a-1	0.026	0.005	0.924	0.004
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW5a-2	0.052	0.009	0.923	0.009
41030677	379 Barwarre Rd, Marshall (1\PS333998)	175: GW	3a	CCMA/CoGG	GW5b-1	0.005	0.001	0.950	0.001
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW5b-5	0.004	0.001	0.950	0.001
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW5b-6	0.005	0.001	0.950	0.001
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3a	CCMA/CoGG	GW5b-7	0.003	0.001	0.950	0.001
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	175: GW	3b	CCMA/CoGG	GW5c-1	0.010	0.002	0.854	0.001
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/CoGG	GW5c-2	0.002	0.000	0.855	0.000


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PSP Property Number	Property Address (including Formal Land Description)	EVC Name and No.	Map reference	CMA/LGA region	Habitat Zone ¹	Size (ha)	Habitat Hectares *	Strategic Biodiversity Score	General Biodiversity Equivalence Score
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/CoGG	GW5f-1	0.060	0.011	0.973	0.011
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/CoGG	GW5f-2	0.015	0.003	0.963	0.003
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW5f-3	0.147	0.026	0.971	0.026
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3d	CCMA/CoGG	GW5g-1	0.020	0.004	0.986	0.004
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW5g-2	0.063	0.011	0.986	0.011
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3d	CCMA/CoGG	GW5g-5	0.003	0.000	0.986	0.000
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW5g-6	0.008	0.001	0.986	0.001
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/CoGG	GW6b-3	0.004	0.001	0.898	0.001
218237003	240A Barwarre Road, Charlemont (1/TP113946)	175: GW	3a	CCMA/CoGG	GW6b-4	0.001	0.000	0.896	0.000
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW6b-5	0.041	0.009	0.899	0.008
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW6c-1	0.025	0.005	0.953	0.005
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW6c-3	0.032	0.007	0.944	0.007
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3f	CCMA/CoGG	GW6f	0.241	0.053	0.997	0.053
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3f	CCMA/CoGG	GW6g	0.027	0.006	0.998	0.006
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3f	CCMA/CoGG	GW6h	0.029	0.006	0.998	0.006
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3f	CCMA/CoGG	GW6i	0.117	0.026	0.996	0.026
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/CoGG	GW7a	0.067	0.018	0.928	0.017
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3d	CCMA/CoGG	GW7c-1	0.158	0.043	0.985	0.042
n/a	Boundary Road (road reserve)	175: GW	3d	CCMA/CoGG	GW7c-2	0.001	0.000	0.986	0.000


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PSP Property Number	Property Address (including Formal Land Description)	EVC Name and No.	Map reference	CMA/LGA region	Habitat Zone ¹	Size (ha)	Habitat Hectares *	Strategic Biodiversity Score	General Biodiversity Equivalence Score
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW7c-3	0.114	0.031	0.985	0.030
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3d	CCMA/CoGG	GW7d-1	0.147	0.040	0.988	0.039
n/a	Boundary Road (road reserve)	175: GW	3d	CCMA/CoGG	GW7d-2	0.047	0.013	0.988	0.012
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	175: GW	3d	CCMA/CoGG	GW7g-1	0.043	0.011	0.990	0.011
n/a	Boundary Road (road reserve)	175: GW	3d	CCMA/CoGG	GW7g-2	0.159	0.043	0.990	0.043
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3d	CCMA/CoGG	GW9c-1	0.035	0.005	0.984	0.005
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW9c-2	0.078	0.012	0.983	0.012
41029736	344-380 Torquay Rd Grovedale (1\TP423602)	175: GW	3d	CCMA/CoGG	GW11-1	0.053	0.023	0.985	0.023
41029736	344-380 Torquay Rd Grovedale (1\TP423602)	175: GW	3d	CCMA/CoGG	GW11-2	0.010	0.005	0.986	0.005
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3d	CCMA/CoGG	GW11-3	0.037	0.016	0.986	0.016
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW11-4	0.206	0.091	0.985	0.089
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW11-5	0.106	0.047	0.986	0.046
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	175: GW	3d	CCMA/CoGG	GW12-1	0.139	0.042	0.980	0.041
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3d	CCMA/CoGG	GW12-2	0.003	0.001	0.986	0.001
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/CoGG	GW12-3	0.168	0.050	0.981	0.049
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	175: GW	3b	CCMA/CoGG	GW16-1	0.205	0.049	0.891	0.044
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/CoGG	GW16-2	0.024	0.006	0.895	0.005
52494496	102-148 Reserve Rd, Marshall (Allot. C2 (Pt) Sec. 3 Parish of Conewarre)	175: GW	3b	CCMA/CoGG	GW17-1	0.009	0.004	0.836	0.003



PSP Property Number	Property Address (including Formal Land Description)	EVC Name and No.	Map reference	CMA/LGA region	Habitat Zones ¹	Size (ha)	Habitat Hectares *	Strategic Biodiversity Score	General Biodiversity Equivalence Score
41030867	102-148 Reserve Rd, Marshall (Allot. 2C (Pt) Sec. 3 Parish of Conewarre)	175: GW	3b	CCMA/CoGG	GW17-2	0.000	0.000	0.807	0.000
41031076	102-148 Reserve Rd, Marshall (D1~3\PP2421)	175: GW	3b	CCMA/CoGG	GW17-3	0.002	0.001	0.846	0.001
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	175: GW	3b	CCMA/CoGG	GW17-4	0.178	0.080	0.875	0.070
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3b	CCMA/CoGG	GW17-5	2.535	1.141	0.845	0.964
n/a	Sparrowvale Road (road reserve)	55: PGW	3f	CCMA/CoGG	PGW2a	0.014	0.002	0.690	0.002
n/a	Sparrowvale Road (road reserve)	55: PGW	3f	CCMA/CoGG	PGW2b	0.123	0.022	0.800	0.018
n/a	Sparrowvale Road (road reserve)	55: PGW	3f	CCMA/CoGG	PGW3	0.055	0.016	0.690	0.011

Notes: GW = Grassy Woodland, PGW = Plains Grassy Woodland. The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Habitat zones are a unique number for each habitat zone linked to Map 2 and background reports (in the case where part of the habitat zone is to be retained and part is to be removed, the habitat zone has been split into two separate areas in the Native Vegetation Precinct Plan to allow retention of required part.); *Habitat Hectares have been rounded to three decimal places.



Table 2: Scattered trees to be retained

PSP Property Number	Property Address (including Formal Land Description)	Map Reference	CMA/LGA region	Tree ID No. ¹	Species	Specific Biodiversity Score	General Biodiversity Equivalence Score	Co-ordinates		Stag to be relocated
								Latitude	Longitude	
173293572	282-400 Horseshoe Bend Rd, Mount Duneed (F~5\PP2421)	3g	CCMA/CoGG	241	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22799	144.350296	No
173293602	282-400 Horseshoe Bend Rd, Mount Duneed (K~5\PP2421)	3g	CCMA/CoGG	242	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.989	0.014	-38.22958	144.348177	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	244	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22933	144.351354	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	245	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22936	144.351217	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	255	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22848	144.350488	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	256	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22878	144.350525	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	257	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22866	144.350571	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	258	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22837	144.350916	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	259	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.2281	144.350666	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	260	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22825	144.351485	No


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PSP Property Number	Property Address (including Formal Land Description)	Map Reference	CMA/LGA region	Tree ID No. ¹	Species	Specific Biodiversity Score	General Biodiversity Equivalence Score	Co-ordinates		Stag to be relocated
								Latitude	Longitude	
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	261	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22836	144.351403	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	262	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22823	144.35155	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	263	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22821	144.351595	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	267	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.2289	144.351691	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	268	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22886	144.351987	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	269	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.22911	144.351847	No
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3d	CCMA/CoGG	272	<i>Eucalyptus ovata</i>	0.987	0.014	-38.22328	144.349943	No
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3d	CCMA/CoGG	274	<i>Eucalyptus camaldulensis</i>	0.995	0.014	-38.22235	144.350355	No
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	276	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.991	0.014	-38.22317	144.350937	No
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	277	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.990	0.014	-38.22327	144.350775	No
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	278	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.990	0.014	-38.22318	144.350788	No


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PSP Property Number	Property Address (including Formal Land Description)	Map Reference	CMA/LGA region	Tree ID No. ¹	Species	Specific Biodiversity Score	General Biodiversity Equivalence Score	Co-ordinates		Stag to be relocated
								Latitude	Longitude	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	279	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.990	0.014	-38.22356	144.350533	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3d	CCMA/CoGG	429	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.986	0.014	-38.21616	144.346995	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3d	CCMA/CoGG	430	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.986	0.014	-38.21597	144.34701	No
41029919	332 Torquay Rd, Grovedale (2\TP423602)	3a	CCMA/CoGG	441	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.924	0.013	-38.21094	144.346633	No
41029919	332 Torquay Rd, Grovedale (2\TP423602)	3a	CCMA/CoGG	449	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.923	0.013	-38.21044	144.346008	No
41029919	332 Torquay Rd, Grovedale (2\TP423602)	3a	CCMA/CoGG	454	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.938	0.013	-38.21074	144.34471	No
52701399	332 Torquay Rd, Grovedale (1\TP14661)	3a	CCMA/CoGG	455	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.951	0.013	-38.21273	144.34385	No
208790027	344-380 Torquay Rd Grovedale (2\PS520311)	3a	CCMA/CoGG	456	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.945	0.013	-38.21261	144.342708	No
208790027	344-380 Torquay Rd Grovedale (2\PS520311)	3a	CCMA/CoGG	457	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.968	0.014	-38.2135	144.34241	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3a	CCMA/CoGG	458	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.976	0.014	-38.21462	144.344405	No
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3d	CCMA/CoGG	460	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.985	0.014	-38.21712	144.350595	No
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	3b	CCMA/CoGG	478	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.866	0.012	-38.21077	144.3561	No
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	3b	CCMA/CoGG	479	<i>Eucalyptus camaldulensis</i>	0.930	0.013	-38.21191	144.355901	No
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	3b	CCMA/CoGG	480	<i>Eucalyptus camaldulensis</i>	0.930	0.013	-38.21199	144.355905	No
41030997	150-230 Horseshoe Bend Rd, Marshall (L~3\PP2421)	3b	CCMA/CoGG	481	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.943	0.013	-38.2145	144.355327	No
41030608	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3b	CCMA/CoGG	488	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.866	0.012	-38.2107	144.357	No


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PSP Property Number	Property Address (including Formal Land Description)	Map Reference	CMA/LGA region	Tree ID No. ¹	Species	Specific Biodiversity Score	General Biodiversity Equivalence Score	Co-ordinates		Stag to be relocated
								Latitude	Longitude	
n/a	Horseshoe Bend Road (road reserve)	3b	CCMA/CoGG	524	<i>Eucalyptus camaldulensis</i>	0.858	0.012	-38.21027	144.358548	No
n/a	Horseshoe Bend Road (road reserve)	3b	CCMA/CoGG	530	<i>Eucalyptus camaldulensis</i>	0.916	0.013	-38.21218	144.35832	No
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA/CoGG	621	<i>Eucalyptus camaldulensis</i>	0.782	0.011	-38.2106	144.363313	No
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA/CoGG	622	<i>Eucalyptus camaldulensis</i>	0.786	0.011	-38.21023	144.363382	No
53038070	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA/CoGG	623	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.776	0.011	-38.211	144.363226	No
53038071	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA/CoGG	624	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.775	0.011	-38.21118	144.363175	No
53038072	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA/CoGG	625	<i>Eucalyptus camaldulensis</i>	0.775	0.011	-38.21124	144.363178	No
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	3b	CCMA/CoGG	626	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.775	0.011	-38.21136	144.363041	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA/CoGG	627	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.779	0.011	-38.21135	144.362882	No
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	3b	CCMA/CoGG	628	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.781	0.011	-38.21134	144.362774	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA/CoGG	629	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.843	0.012	-38.21114	144.360925	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA/CoGG	630	<i>Eucalyptus camaldulensis</i>	0.880	0.012	-38.21094	144.359006	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA/CoGG	631	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.874	0.012	-38.211	144.359716	No
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA/CoGG	634	<i>Eucalyptus leucoxylo</i> subsp. <i>connata</i>	0.797	0.011	-38.20901	144.3641	No
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	3c	CCMA/CoGG	637	<i>Eucalyptus camaldulensis</i>	0.773	0.011	-38.21321	144.365154	No
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	3c	CCMA/CoGG	638	<i>Eucalyptus camaldulensis</i>	0.762	0.011	-38.21252	144.36564	No



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								Latitude	Longitude	
n/a	Sparrowvale Road (road reserve)	3f	CCMA/CoGG	643	<i>Eucalyptus camaldulensis</i>	0.700	0.010	-38.2159	144.371	No
n/a	Sparrowvale Road (road reserve)	3f	CCMA/CoGG	644	<i>Eucalyptus camaldulensis</i>	0.697	0.010	-38.2158	144.371	No
n/a	Sparrowvale Road (road reserve)	3c	CCMA/CoGG	650	<i>Eucalyptus camaldulensis</i>	0.690	0.010	-38.215	144.3711	No
n/a	Sparrowvale Road (road reserve)	3c	CCMA/CoGG	651	<i>Eucalyptus camaldulensis</i>	0.689	0.010	-38.2149	144.3711	No
n/a	Sparrowvale Road (road reserve)	3c	CCMA/CoGG	652	<i>Eucalyptus camaldulensis</i>	0.690	0.010	-38.215	144.3712	No
n/a	Sparrowvale Road (road reserve)	3c	CCMA/CoGG	653	<i>Eucalyptus camaldulensis</i>	0.688	0.010	-38.2143	144.3712	No
n/a	Dennington Rail Line (1\PS308403)	3a	CCMA/CoGG	702	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.917	0.013	-38.20952	144.346943	No
n/a	Dennington Rail Line (1\PS308403)	3a	CCMA/CoGG	703	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.921	0.013	-38.20974	144.346404	No
n/a	Dennington Rail Line (1\PS308403)	3a	CCMA/CoGG	710	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.930	0.013	-38.21014	144.345236	No
n/a	Dennington Rail Line (1\PS308403)	3a	CCMA/CoGG	711	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.449	0.006	-38.21048	144.343332	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA/CoGG	790	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.998	0.014	-38.21871	144.365493	No
41031963	168-170 Reserve Rd, Marshall (1\TP8569)	3b	CCMA/CoGG	2015	<i>Eucalyptus camaldulensis</i>	0.799	0.011	-38.20784	144.359187	No
52494477	402 Torquay Rd, Grovedale (1\TP520422)	3d	CCMA/CoGG	2025	<i>Eucalyptus camaldulensis</i>	0.956	0.013	-38.21816	144.342971	No
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	3b	CCMA/CoGG	2041	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.930	0.013	-38.21199	144.355877	No
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA/CoGG	2044	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.803	0.011	-38.20868	144.363606	No


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								Latitude	Longitude	
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA/CoGG	2045	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.803	0.011	-38.20873	144.3636	No
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA/CoGG	2046	<i>Eucalyptus camaldulensis</i>	0.803	0.011	-38.20877	144.363513	No
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA/CoGG	2047	<i>Eucalyptus camaldulensis</i>	0.803	0.011	-38.20854	144.363421	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA/CoGG	2056	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.850	0.012	-38.21111	144.360414	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3b	CCMA/CoGG	2060	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.928	0.013	-38.2149	144.360615	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3b	CCMA/CoGG	2061	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.930	0.013	-38.21492	144.36067	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA/CoGG	2063	<i>Eucalyptus</i> sp. (dead)	0.920	0.013	-38.21528	144.364757	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3b	CCMA/CoGG	2064	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.931	0.013	-38.21474	144.360167	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3e	CCMA/CoGG	2067	<i>Eucalyptus</i> sp. (dead)	0.925	0.013	-38.21503	144.359038	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3e	CCMA/CoGG	2070	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.983	0.014	-38.21683	144.362078	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3e	CCMA/CoGG	2071	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.986	0.014	-38.21619	144.362214	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3e	CCMA/CoGG	2072	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.973	0.014	-38.21566	144.362258	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA/CoGG	2078	<i>Eucalyptus</i> sp. (dead)	0.985	0.014	-38.22902	144.351927	Yes


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PSP Property Number	Property Address (including Formal Land Description)	Map Reference	CMA/LGA region	Tree ID No. ¹	Species	Specific Biodiversity Score	General Biodiversity Equivalence Score	Co-ordinates		Stag to be relocated
								Latitude	Longitude	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	2082	<i>Eucalyptus</i> sp. (dead)	0.993	0.014	-38.22317	144.351138	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	2083	<i>Eucalyptus</i> sp. (dead)	0.993	0.014	-38.22324	144.351196	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	2084	<i>Eucalyptus</i> sp. (dead)	0.993	0.014	-38.22335	144.351256	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA/CoGG	2085	<i>Eucalyptus</i> sp. (dead)	0.993	0.014	-38.22325	144.351141	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3g	CCMA/CoGG	2086	<i>Eucalyptus</i> sp. (dead)	0.993	0.014	-38.22346	144.351124	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3g	CCMA/CoGG	2088	<i>Eucalyptus</i> sp. (dead)	0.990	0.014	-38.22354	144.350658	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3g	CCMA/CoGG	2089	<i>Eucalyptus</i> sp. (dead)	0.990	0.014	-38.22354	144.350618	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3d	CCMA/CoGG	2091	<i>Eucalyptus</i> sp. (dead)	0.993	0.014	-38.22149	144.349893	Yes
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA/CoGG	2116	<i>Eucalyptus</i> sp. (dead)	0.786	0.011	-38.21026	144.362989	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2124	<i>Eucalyptus camaldulensis</i>	0.735	0.010	-38.20838	144.37497	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2125	<i>Eucalyptus</i> sp. (dead)	0.742	0.010	-38.20857	144.374908	No



PSP Property Number	Property Address (including Formal Land Description)	Map Reference	CMA/LGA region	Tree ID No. ¹	Species	Specific Biodiversity Score	General Biodiversity Equivalence Score	Co-ordinates		Stag to be relocated
								Latitude	Longitude	
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2126	<i>Eucalyptus camaldulensis</i>	0.725	0.010	-38.2085	144.375133	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2127	<i>Eucalyptus camaldulensis</i>	0.658	0.009	-38.20838	144.376163	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2132	<i>Eucalyptus camaldulensis</i>	0.624	0.009	-38.20899	144.37705	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2133	<i>Eucalyptus camaldulensis</i>	0.624	0.009	-38.209	144.376909	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2134	<i>Eucalyptus camaldulensis</i>	0.624	0.009	-38.209	144.37684	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2135	<i>Eucalyptus camaldulensis</i>	0.624	0.009	-38.209	144.376811	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA/CoGG	2136	<i>Eucalyptus camaldulensis</i>	0.632	0.009	-38.20896	144.376666	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA/CoGG	2145	<i>Eucalyptus leucoxydon</i> subsp. <i>connata</i>	0.998	0.014	-38.21874	144.36555	No
n/a	Sparrowvale Road (road reserve)	3c	CCMA/CoGG	2143	<i>Eucalyptus</i> sp. (dead)	0.673	0.009	-38.2139	144.3714	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA/CoGG	2146	<i>Eucalyptus</i> sp. (dead)	0.911	0.013	-38.21545	144.366267	Yes

Note: The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Tree identification numbers are a unique number linked to Map 2 and numbering is consistent with the background report.



3 NATIVE VEGETATION THAT CAN BE REMOVED, DESTROYED OR LOPPED

The native vegetation described in Tables 3 and 4 and shown as native vegetation that can be removed in Map 2 and Map 3 (Appendix 1) can be removed, destroyed or lopped, subject to the requirements and conditions set out below as allowed under Clause 52.16 of the Greater Geelong Planning Scheme.

Native vegetation identified in Table 3 and Map 2 and Map 3 (Appendix 1) as 'Modified Treeless Vegetation' (MTV) was not previously assessed to determine vegetation condition. These areas have been given a minimum condition score of 0.2 in order to determine offset requirements under the Guidelines.

Habitat zones and scattered trees identified for 'practical retention' identified in Tables 3 and 4, and shown in Map 3 (Appendix 1), are considered 'removed' in this plan.

Areas that have not been mapped as containing native vegetation in this plan (i.e. exotic dominated vegetation) will not require a permit under Clause 52.16 of the Planning Scheme, if future removal is required.



Table 3: Habitat Zones that can be removed

PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ¹	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
41029976	240A Barwarre Rd, Grovedale (RES1\PS308403)	175: GW	3a	CCMA/ CoGG	GW3a-1	NA	0.173	0.038	NA	NA	0.592	0.022	Purple Blown-grass	Yes
									0.929	0.001	NA	NA	NA	
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	GW3a-2	NA	0.099	0.022	NA	NA	0.603	0.013	Purple Blown-grass	Yes
n/a	Dennington Rail Line (1\PS308403)	175: GW	3a	CCMA/ CoGG	GW3a-3	NA	0.042	0.009	NA	NA	0.590	0.003	Purple Blown-grass	Yes
									0.929	0.004	NA	NA	NA	
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	GW3a-4	NA	0.001	0.000	NA	NA	0.590	0.000	Purple Blown-grass	Yes
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	3e	CCMA/ CoGG	GW3e-1	NA	0.003	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW3e-2	NA	0.019	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	3g	CCMA/ CoGG	GW4b	NA	0.028	0.007	NA	NA	0.650	0.005	Purple Blown-grass	No
											1.000	0.007	Bellarine Yellow-gum	
173293583	282-400 Horseshoe Bend	175: GW	3g	CCMA/ CoGG	GW4c	NA	0.013	0.003	NA	NA	0.650	0.002	Purple Blown-grass	No



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ¹	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
	Rd, Mount Duneed (L~5\PP2421)										1.000	0.003	Bellarine Yellow-gum	
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3a	CCMA/ CoGG	GW5b-2	NA	0.001	0.000	NA	NA	0.620	0.000	Purple Blown-grass	No
											1.000	0.000	Bellarine Yellow-gum	
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/ CoGG	GW5b-3	NA	0.006	0.001	NA	NA	0.620	0.001	Purple Blown-grass	No
											1.000	0.001	Bellarine Yellow-gum	
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/ CoGG	GW5b-4	NA	0.008	0.001	NA	NA	0.620	0.001	Purple Blown-grass	No
											1.000	0.001	Bellarine Yellow-gum	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW5d-1	NA	0.024	0.004	NA	NA	0.695	0.003	Purple Blown-grass	No
											1.000	0.001	Bellarine Yellow-gum	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW5d-2	NA	0.004	0.001	NA	NA	0.710	0.000	Purple Blown-grass	Yes
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW5e	NA	0.046	0.008	NA	NA	0.666	0.006	Purple Blown-grass	No



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ^a	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
											1.000	0.004	Bellarine Yellow-gum	
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3d	CCMA/ CoGG	GW5g-3	NA	0.004	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	No
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/ CoGG	GW5g-4	NA	0.013	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	3e	CCMA/ CoGG	GW5h	NA	0.097	0.018	NA	NA	1.000	0.018	Bellarine Yellow-gum	Yes
205670372	461-499 Boundary Rd, Marshall (1\PSS09234)	175: GW	3e	CCMA/ CoGG	GW5i-1	NA	0.004	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5i-2	NA	0.008	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	No
205670372	461-499 Boundary Rd, Marshall (1\PSS09234)	175: GW	3e	CCMA/ CoGG	GW5j-1	NA	0.005	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5j-2	NA	0.011	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PSS09230)	175: GW	3e	CCMA/ CoGG	GW5k-1	NA	0.001	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5k-2	NA	0.012	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5l-1	NA	0.033	0.006	NA	NA	1.000	0.006	Bellarine Yellow-gum	No



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ^a	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5I-2	NA	0.049	0.009	NA	NA	1.000	0.009	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5I-3	NA	0.024	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	No
41030997	150-230 Horseshoe Bend Rd, Marshall (L~3\PP2421)	175: GW	3e	CCMA/ CoGG	GW5m-1	NA	0.015	0.003	NA	NA	0.660	0.001	Purple Blown-grass	No
									0.924	0.001	NA	NA	NA	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5m-2	NA	0.063	0.011	NA	NA	0.660	0.003	Purple Blown-grass	No
									0.925	0.007	NA	NA	NA	
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3e	CCMA/ CoGG	GW5n-1	NA	0.060	0.011	0.934	0.010	NA	NA	NA	Yes
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5n-2	NA	0.098	0.018	0.934	0.016	NA	NA	NA	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3e	CCMA/ CoGG	GW5n-3	NA	0.006	0.001	0.945	0.001	NA	NA	NA	No
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	3h	CCMA/ CoGG	GW5o-1	NA	0.005	0.001	0.982	0.001	NA	NA	NA	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW5o-2	NA	0.022	0.004	0.983	0.004	NA	NA	NA	No
173293553	282-400 Horseshoe Bend	175: GW	3h	CCMA/ CoGG	GW5p-1	NA	0.001	0.000	0.985	0.000	NA	NA	NA	Yes



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ^a	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
	Rd, Mount Duneed (E~5\PP2421)													
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW5p-2	NA	0.020	0.004	0.984	0.004	NA	NA	NA	No
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	175: GW	3h	CCMA/ CoGG	GW5q-1	NA	0.003	0.001	NA	NA	0.610	0.000	Purple Blown-grass	Yes
											1.000	0.000	Bellarine Yellow-gum	
									0.987	0.001	NA	NA	NA	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW5q-2	NA	0.117	0.021	NA	NA	0.601	0.007	Purple Blown-grass	No
											1.000	0.011	Bellarine Yellow-gum	
									0.987	0.010	NA	NA	NA	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW5r	NA	0.007	0.001	0.981	0.001	NA	NA	NA	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW5s	NA	0.018	0.003	0.984	0.003	NA	NA	NA	No
204286565	502-580 Boundary Rd, Connewarre (B~6\PP2421)	175: GW	3e	CCMA/ CoGG	GW5t-1	NA	0.004	0.001	NA	NA	0.671	0.001	Purple Blown-grass	No
											1.000	0.001	Bellarine Yellow-gum	



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ¹	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	3e	CCMA/ CoGG	GW5t-2	NA	0.008	0.002	NA	NA	0.660	0.001	Purple Blown-grass	No
											1.000	0.002	Bellarine Yellow-gum	
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW5t-3	NA	0.028	0.005	NA	NA	0.663	0.003	Purple Blown-grass	No
											1.000	0.005	Bellarine Yellow-gum	
52701399	332 Torquay Rd, Grovedale (1\TP14661)	175: GW	3a	CCMA/ CoGG	GW6a-1	NA	0.001	0.000	NA	NA	0.570	0.000	Purple Blown-grass	Yes
n/a	Dennington Rail Line (H~3\PP2421)	175: GW	3a	CCMA/ CoGG	GW6a-2	NA	0.076	0.017	NA	NA	0.571	0.010	Purple Blown-grass	Yes
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	GW6b-1	NA	0.057	0.012	NA	NA	0.660	0.008	Purple Blown-grass	Yes
218237003	240A Barwarre Road, Charlemont (1/TP113946)	175: GW	3a	CCMA/ CoGG	GW6b-2	NA	0.006	0.001	NA	NA	0.660	0.001	Purple Blown-grass	Yes
n/a	Barwarre Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW6c-2	NA	0.016	0.004	NA	NA	0.620	0.002	Purple Blown-grass	No
											1.000	0.004	Bellarine Yellow-gum	
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	3d	CCMA/ CoGG	GW6d-1	NA	0.335	0.074	NA	NA	1.000	0.067	Bellarine Yellow-gum	No
									0.955	0.007	NA	NA	NA	



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PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ^a	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
52494502	384-386 Torquay Rd, Grovedale (1\TP447093)	175: GW	3d	CCMA/ CoGG	GW6d-2	NA	0.112	0.025	NA	NA	1.000	0.025	Bellarine Yellow-gum	No
52494477	402 Torquay Rd, Grovedale (1\TP520422)	175: GW	3d	CCMA/ CoGG	GW6d-3	NA	0.306	0.067	NA	NA	1.000	0.030	Bellarine Yellow-gum	No
									0.955	0.036	NA	NA	NA	
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	3e	CCMA/ CoGG	GW6e-1	NA	0.011	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
n/a	Boundary Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW6e-2	NA	0.033	0.007	NA	NA	1.000	0.007	Bellarine Yellow-gum	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3f	CCMA/ CoGG	GW6j	NA	0.023	0.005	NA	NA	1.000	0.005	Bellarine Yellow-gum	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW7b	NA	0.048	0.013	NA	NA	0.670	0.009	Purple Blown-grass	No
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	3d	CCMA/ CoGG	GW7e-1	NA	0.317	0.085	NA	NA	1.000	0.059	Bellarine Yellow-gum	No
									0.946	0.025	NA	NA	NA	
52494502	384-386 Torquay Rd, Grovedale (1\TP447093)	175: GW	3d	CCMA/ CoGG	GW7e-2	NA	0.016	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	Yes
									0.946	0.001	NA	NA	NA	
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	3d	CCMA/ CoGG	GW7f-1	NA	0.038	0.010	NA	NA	1.000	0.010	Bellarine Yellow-gum	No



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52494477	402 Torquay Rd, Grovedale (1\TP520422)	175: GW	3d	CCMA/ CoGG	GW7f-2	NA	0.136	0.037	NA	NA	1.000	0.033	Bellarine Yellow-gum	No
									0.947	0.003	NA	NA	NA	
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3e	CCMA/ CoGG	GW7h-1	NA	0.083	0.022	NA	NA	0.651	0.011	Purple Blown-grass	Yes
									0.920	0.006	NA	NA	NA	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW7h-2	NA	0.150	0.041	NA	NA	0.655	0.016	Purple Blown-grass	No
									0.917	0.016	NA	NA	NA	
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3e	CCMA/ CoGG	GW7i-1	NA	0.021	0.006	NA	NA	1.000	0.006	Bellarine Yellow-gum	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW7i-2	NA	0.063	0.017	NA	NA	1.000	0.017	Bellarine Yellow-gum	No
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3e	CCMA/ CoGG	GW7i-3	NA	0.003	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	Yes
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3e	CCMA/ CoGG	GW7i-4	NA	0.013	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	Yes
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW7j-1	NA	0.056	0.015	NA	NA	1.000	0.015	Bellarine Yellow-gum	No



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204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	3e	CCMA/ CoGG	GW7j-2	NA	0.034	0.009	NA	NA	1.000	0.009	Bellarine Yellow-gum	No
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3h	CCMA/ CoGG	GW8a-1	NA	0.084	0.024	NA	NA	0.589	0.005	Purple Blown-grass	Yes
											1.000	0.015	Bellarine Yellow-gum	
									0.988	0.009	NA	NA	NA	
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3h	CCMA/ CoGG	GW8a-2	NA	0.003	0.001	0.987	0.001	NA	NA	NA	No
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	3h	CCMA/ CoGG	GW8a-3	NA	0.004	0.001	0.987	0.001	NA	NA	NA	Yes
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW8a-4	NA	0.011	0.003	0.987	0.003	NA	NA	NA	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW8a-5	NA	0.009	0.003	0.987	0.003	NA	NA	NA	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3h	CCMA/ CoGG	GW8a-6	NA	0.112	0.033	NA	NA	0.590	0.003	Purple Blown-grass	No
											1.000	0.017	Bellarine Yellow-gum	
									0.988	0.015	NA	NA	NA	
215040510	Dennington Rail Line (B2~3\PP2421)	175: GW	3a	CCMA/ CoGG	GW9a-1	NA	0.009	0.001	NA	NA	0.640	0.001	Purple Blown-grass	Yes



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									0.880	0.000	NA	NA	NA	
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/ CoGG	GW9a-2	NA	0.105	0.016	NA	NA	0.640	0.003	Purple Blown-grass	Yes
											1.000	0.005	Bellarine Yellow-gum	
									0.880	0.006	NA	NA	NA	
n/a	Dennington Rail Line (2034\PP2421)	175: GW	3a	CCMA/ CoGG	GW9a-3	NA	0.010	0.002	0.880	0.001	NA	NA	NA	Yes
n/a	Dennington Rail Line (C1~3\PP2421)	175: GW	3a	CCMA/ CoGG	GW9a-4	NA	0.009	0.001	NA	NA	0.640	0.000	Purple Blown-grass	Yes
											1.000	0.000	Bellarine Yellow-gum	
									0.880	0.000	NA	NA	NA	
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3a	CCMA/ CoGG	GW9b-1	NA	0.096	0.014	NA	NA	0.700	0.002	Purple Blown-grass	Yes
											1.000	0.011	Bellarine Yellow-gum	
n/a	Reserve Road (road reserve)	175: GW	3a	CCMA/ CoGG	GW9b-2	NA	0.012	0.002	NA	NA	0.700	0.001	Purple Blown-grass	Yes
											1.000	0.000	Bellarine Yellow-gum	
52494477	402 Torquay Rd, Grovedale (1\TP520422)	175: GW	3d	CCMA/ CoGG	GW9d	NA	0.135	0.020	0.947	0.019	NA	NA	NA	No



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424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	3e	CCMA/ CoGG	GW9e-1	NA	0.001	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW9e-2	NA	0.038	0.006	NA	NA	1.000	0.003	Bellarine Yellow-gum	No
									0.989	0.003	NA	NA	NA	
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	3e	CCMA/ CoGG	GW9e-3	NA	0.010	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	Yes
									0.989	0.001	NA	NA	NA	
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	3e	CCMA/ CoGG	GW9f-1	NA	0.003	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	No
									0.989	0.000	NA	NA	NA	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW9f-2	NA	0.019	0.003	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
									0.989	0.001	NA	NA	NA	
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	3e	CCMA/ CoGG	GW9g	NA	0.030	0.005	0.985	0.004	NA	NA	NA	Yes
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	GW9h	NA	0.036	0.005	NA	NA	1.000	0.005	Bellarine Yellow-gum	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3b	CCMA/ CoGG	GW10-1	NA	0.000	0.000	NA	NA	0.660	0.000	Purple Blown-grass	Yes



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41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	175: GW	3b	CCMA/ CoGG	GW10-2	NA	0.018	0.006	NA	NA	0.667	0.004	Purple Blown-grass	Yes
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW10-4	NA	0.064	0.020	NA	NA	0.668	0.013	Purple Blown-grass	No
											1.000	0.003	Bellarine Yellow-gum	
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	175: GW	3b	CCMA/ CoGG	GW10-5	NA	0.020	0.006	NA	NA	0.670	0.004	Purple Blown-grass	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	175: GW	3b	CCMA/ CoGG	GW10-6	NA	0.015	0.005	NA	NA	0.665	0.003	Purple Blown-grass	Yes
											1.000	0.002	Bellarine Yellow-gum	
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW10-7	NA	0.003	0.001	NA	NA	0.661	0.001	Purple Blown-grass	Yes
											1.000	0.001	Bellarine Yellow-gum	
41029736	344-380 Torquay Rd Grovedale (1\TP423602)	175: GW	3d	CCMA/ CoGG	GW11-6	NA	0.004	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
n/a	Barwarre Road (road reserve)	175: GW	3d	CCMA/ CoGG	GW11-7	NA	0.016	0.007	NA	NA	1.000	0.007	Bellarine Yellow-gum	No
41029976	240A Barwarre Rd, Grovedale (RES1\PS308403)	175: GW	3a	CCMA/ CoGG	GW13-1	NA	0.000	0.000	NA	NA	0.570	0.000	Purple Blown-grass	Yes



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52701399	332 Torquay Rd, Grovedale (1\TP14661)	175: GW	3a	CCMA/ CoGG	GW13-2	NA	0.008	0.003	NA	NA	0.540	0.001	Purple Blown-grass	Yes
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	GW13-3	NA	0.031	0.011	NA	NA	0.555	0.006	Purple Blown-grass	Yes
n/a	Dennington Rail Line (H~3\PP2421)	175: GW	3a	CCMA/ CoGG	GW13-4	NA	0.270	0.094	NA	NA	0.574	0.054	Purple Blown-grass	Yes
52701399	332 Torquay Rd, Grovedale (1\TP14661)	175: GW	3a	CCMA/ CoGG	GW13-5	NA	0.003	0.001	NA	NA	0.570	0.001	Purple Blown-grass	Yes
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	GW14	NA	0.019	0.003	NA	NA	0.608	0.002	Purple Blown-grass	Yes
53081190	406-410, 418-425 Torquay Rd, Grovedale (2\PS500610)	175: GW	3d	CCMA/ CoGG	GW15a	NA	0.912	0.210	NA	NA	1.000	0.135	Bellarine Yellow-gum	Yes
									0.946	0.070	NA	NA	NA	
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	3d	CCMA/ CoGG	GW15b-1	NA	0.435	0.100	NA	NA	1.000	0.100	Bellarine Yellow-gum	No
52494502	384-386 Torquay Rd, Grovedale (1\TP447093)	175: GW	3d	CCMA/ CoGG	GW15b-2	NA	1.732	0.398	NA	NA	1.000	0.376	Bellarine Yellow-gum	No
									0.950	0.022	NA	NA	NA	
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	3d	CCMA/ CoGG	GW15c-3	NA	0.166	0.038	NA	NA	1.000	0.025	Bellarine Yellow-gum	No
									0.946	0.012	NA	NA	NA	



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41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	175: GW	3b	CCMA/ CoGG	GW16-3	NA	0.055	0.013	NA	NA	0.748	0.010	Purple Blown-grass	No
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	175: GW	3b	CCMA/ CoGG	GW16-4	NA	0.006	0.001	NA	NA	0.748	0.001	Purple Blown-grass	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3b	CCMA/ CoGG	GW16-5	NA	0.006	0.001	NA	NA	0.748	0.001	Purple Blown-grass	No
n/a	Harriott Road (road reserve)	132: PG	3i	CCMA/ CoGG	PG1a	NA	0.036	0.010	NA	NA	0.620	0.006	Purple Blown-grass	No
n/a	Harriott Road (road reserve)	132: PG	3i	CCMA/ CoGG	PG1c	NA	0.105	0.029	NA	NA	0.599	0.018	Purple Blown-grass	No
n/a	Batten Road (road reserve)	132: PG	3h	CCMA/ CoGG	PG1d	NA	0.151	0.042	NA	NA	0.614	0.007	Purple Blown-grass	No
											1.000	0.009	Bellarine Yellow-gum	
									0.927	0.029	NA	NA	NA	
n/a	Harriott Road (road reserve)	132: PG	3i	CCMA/ CoGG	PG2	NA	0.019	0.008	NA	NA	0.640	0.005	Purple Blown-grass	No
300262	502-580 Boundary Rd, Connewarre	132: PG	3e	CCMA/ CoGG	PG4a-1	NA	0.021	0.006	NA	NA	0.615	0.002	Purple Blown-grass	No
											1.000	0.006	Bellarine Yellow-gum	



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n/a	Boundary Road (road reserve)	132: PG	3e	CCMA/ CoGG	PG4a-2	NA	0.109	0.030	NA	NA	0.615	0.012	Purple Blown-grass	No
											1.000	0.030	Bellarine Yellow-gum	
300262	502-580 Boundary Rd, Connewarre	132: PG	3e	CCMA/ CoGG	PG4b-1	NTGVVP	0.010	0.003	NA	NA	0.643	0.002	Purple Blown-grass	Yes
											1.000	0.003	Bellarine Yellow-gum	
n/a	Boundary Road (road reserve)	132: PG	3e	CCMA/ CoGG	PG4b-2	NTGVVP	0.114	0.032	NA	NA	0.630	0.020	Purple Blown-grass	Yes
											1.000	0.028	Bellarine Yellow-gum	
n/a	Batten Road (road reserve)	132: PG	3f	CCMA/ CoGG	PG4c	NTGVVP	0.006	0.002	NA	NA	0.650	0.001	Purple Blown-grass	Yes
n/a	Boundary Road (road reserve)	132: PG	3f	CCMA/ CoGG	PG4d	NTGVVP	0.014	0.004	NA	NA	0.690	0.003	Purple Blown-grass	No
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	55: PGW	3c	CCMA/ CoGG	PGW4a-1	GEWVVP	0.026	0.003	NA	NA	0.642	0.002	Purple Blown-grass	No
n/a	Barwon Heads Road (road reserve)	55: PGW	3c	CCMA/ CoGG	PGW4a-2	GEWVVP	0.012	0.002	NA	NA	0.642	0.001	Purple Blown-grass	No
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	55: PGW	3c	CCMA/ CoGG	PGW4b-1	GEWVVP	0.043	0.006	NA	NA	0.650	0.004	Purple Blown-grass	No



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n/a	Barwon Heads Road (road reserve)	55: PGW	3c	CCMA/ CoGG	PGW4b-2	GEWVVP	0.013	0.002	NA	NA	0.650	0.001	Purple Blown-grass	No
41029976	240A Barwarre Rd, Grovedale (RES1\PS308403)	175: GW	3a	CCMA/ CoGG	MTV_1	NA	0.001	0.000	NA	NA	0.570	0.000	Purple Blown-grass	No
n/a	Dennington Rail Line (H~3\PP2421)	175: GW	3a	CCMA/ CoGG	MTV_2	NA	0.045	0.009	NA	NA	0.571	0.005	Purple Blown-grass	No
n/a	Dennington Rail Line (1\PS308403)	175: GW	3a	CCMA/ CoGG	MTV_3	NA	0.006	0.001	0.929	0.001	NA	NA	NA	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	MTV_4	NA	0.765	0.153	NA	NA	0.571	0.087	Purple Blown-grass	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	MTV_5	NA	0.934	0.187	NA	NA	1.000	0.187	Bellarine Yellow-gum	No
208790027	344-380 Torquay Rd Grovedale (2\PS520311)	175: GW	3a	CCMA/ CoGG	MTV_6	NA	7.972	1.594	NA	NA	0.543	0.084	Purple Blown-grass	No
											1.000	0.650	Bellarine Yellow-gum	
									0.737	0.696	NA	NA	NA	
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	3a	CCMA/ CoGG	MTV_7	NA	2.263	0.453	NA	NA	0.544	0.245	Purple Blown-grass	No
											1.000	0.000	Bellarine Yellow-gum	
									0.931	0.003	NA	NA	NA	



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n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/ CoGG	MTV_8	NA	0.025	0.005	NA	NA	0.603	0.003	Purple Blown-grass	No
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3a	CCMA/ CoGG	MTV_9	NA	0.079	0.016	NA	NA	0.640	0.007	Purple Blown-grass	No
											1.000	0.004	Bellarine Yellow-gum	
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	3b	CCMA/ CoGG	MTV_10	NA	0.490	0.098	NA	NA	0.590	0.058	Purple Blown-grass	No
41031076	102-148 Reserve Rd, Marshall (D1~3\PP2421)	175: GW	3b	CCMA/ CoGG	MTV_11	NA	0.091	0.018	NA	NA	0.620	0.003	Purple Blown-grass	No
									0.753	0.010	NA	NA	NA	
236694	150 Reserve Rd, Marshall	175: GW	3b	CCMA/ CoGG	MTV_12	NA	0.132	0.026	NA	NA	0.644	0.006	Purple Blown-grass	No
									0.749	0.013	NA	NA	NA	
236691	102-148 Reserve Rd, Marshall	175: GW	3b	CCMA/ CoGG	MTV_13	NA	0.194	0.039	NA	NA	0.733	0.010	Purple Blown-grass	No
											1.000	0.001	Bellarine Yellow-gum	
											0.800	0.020	NA	
41031076	102-148 Reserve Rd, Marshall (D1~3\PP2421)	175: GW	3b	CCMA/ CoGG	MTV_14	NA	4.117	0.823	NA	NA	0.637	0.379	Purple Blown-grass	No
											1.000	0.010	Bellarine Yellow-gum	



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									0.805	0.184	NA	NA	NA	
230010	110-148 Horseshoe Bend Rd, Marshall	175: GW	3b	CCMA/ CoGG	MTV_15	NA	0.068	0.014	NA	NA	0.633	0.009	Purple Blown-grass	No
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	175: GW	3b	CCMA/ CoGG	MTV_16	NA	0.265	0.053	NA	NA	0.700	0.017	Purple Blown-grass	No
									0.824	0.024	NA	NA	NA	
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	175: GW	3b	CCMA/ CoGG	MTV_17	NA	0.740	0.148	NA	NA	0.655	0.063	Purple Blown-grass	No
									0.812	0.041	NA	NA	NA	
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	175: GW	3b	CCMA/ CoGG	MTV_18	NA	2.651	0.530	NA	NA	0.579	0.307	Purple Blown-grass	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	175: GW	3b	CCMA/ CoGG	MTV_19	NA	1.535	0.307	NA	NA	0.550	0.169	Purple Blown-grass	No
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	175: GW	3b	CCMA/ CoGG	MTV_20	NA	1.381	0.276	NA	NA	0.680	0.188	Purple Blown-grass	No
41030677	379 Barwarre Rd, Marshall (1\PS333998)	175: GW	3a	CCMA/ CoGG	MTV_21	NA	0.012	0.002	NA	NA	0.620	0.001	Purple Blown-grass	No
											1.000	0.002	Bellarine Yellow-gum	



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ^a	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
n/a	Barwarre Road (road reserve)	175: GW	3a	CCMA/ CoGG	MTV_22	NA	0.009	0.002	NA	NA	0.620	0.001	Purple Blown-grass	No
											1.000	0.002	Bellarine Yellow-gum	
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	175: GW	3d	CCMA/ CoGG	MTV_23	NA	0.020	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	No
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	175: GW	3d	CCMA/ CoGG	MTV_24	NA	0.018	0.004	NA	NA	1.000	0.003	Bellarine Yellow-gum	No
									0.985	0.001	NA	NA	NA	
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	3e	CCMA/ CoGG	MTV_25	NA	0.002	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	MTV_26	NA	0.009	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	No
n/a	Horseshoe Bend Road (road reserve)	175: GW	3e	CCMA/ CoGG	MTV_27	NA	0.009	0.002	NA	NA	1.000	0.001	Bellarine Yellow-gum	No
									0.985	0.001	NA	NA	NA	
205670372	251-259 Boundary Rd, Charlemont (1\LP78953)	175: GW	3e	CCMA/ CoGG	MTV_28	NA	0.533	0.107	NA	NA	1.000	0.008	Bellarine Yellow-gum	No
									0.949	0.026	NA	NA	NA	
300273	541-549 Boundary Rd, Marshall (LP78953)	175: GW	3e	CCMA/ CoGG	MTV_29	NA	0.781	0.156	NA	NA	0.641	0.008	Purple Blown-grass	No



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ^a	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
											1.000	0.156	Bellarine Yellow-gum	
300271	525-531 Boundary Rd, Marshall (LP78953)	175: GW	3e	CCMA/ CoGG	MTV_30	NA	0.267	0.053	NA	NA	1.000	0.053	Bellarine Yellow-gum	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	3f	CCMA/ CoGG	MTV_31	NA	0.017	0.003	NA	NA	1.000	0.003	Bellarine Yellow-gum	No
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	175: GW	3g	CCMA/ CoGG	MTV_32	NA	0.071	0.014	NA	NA	0.658	0.009	Purple Blown-grass	No
											1.000	0.014	Bellarine Yellow-gum	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	175: GW	3e	CCMA/ CoGG	MTV_33	NA	0.098	0.020	NA	NA	1.000	0.020	Bellarine Yellow-gum	No
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	3g	CCMA/ CoGG	MTV_34	NA	0.194	0.039	NA	NA	0.650	0.002	Purple Blown-grass	No
											1.000	0.003	Bellarine Yellow-gum	
									0.995	0.035	NA	NA	NA	
173293602	282-400 Horseshoe Bend Rd, Mount Duneed (K~5\PP2421)	175: GW	3g	CCMA/ CoGG	MTV_35	NA	0.004	0.001	NA	NA	0.650	0.000	Purple Blown-grass	No
											1.000	0.001	Bellarine Yellow-gum	



PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	Map ref	CCMA/ LGA region	Habitat Zone ¹	EPBC Act listed Ecological Community	Size (Ha)	Habitat hectares*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Habitat Zone Identified for Practical Retention
300262	502-580 Boundary Rd, Connewarre	175: GW	3f	CCMA/ CoGG	MTV_36	NA	0.156	0.031	NA	NA	0.657	0.021	Purple Blown-grass	No
											1.000	0.005	Bellarine Yellow-gum	
n/a	Boundary Road (road reserve)	175: GW	3f	CCMA/ CoGG	MTV_37	NA	0.016	0.003	NA	NA	0.660	0.002	Purple Blown-grass	No
											1.000	0.000	Bellarine Yellow-gum	

Notes: GW = Grassy Woodland, PGW = Plains Grassy Woodland, PG = Plains Grassland, MTV = Modified Treeless Vegetation, CCMA = Corangamite Catchment Management Authority, CoGG = City of Greater Geelong, NTGVVP = Natural Temperate Grassland of the Victorian Volcanic Plain, GEWVVP = Grassy Eucalypt Woodland of the Victorian Volcanic Plain. The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Habitat zones are a unique number for each habitat zone linked to Map 2 and the background report (in the case where part of the habitat zone is to be retained and part is to be removed, the habitat zone has been split into two separate areas in the Native Vegetation Precinct Plan to allow retention of required part.). * Habitat Hectares have been rounded to three decimal places.



Table 4: Scattered trees that can be removed

PSP Property Number	Property Address (including Formal Land Description)	Map Ref	CMA/ LGA region	Tree ID No. ¹	Species (Latin Name)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Co-ordinates		Trees Identified for Practical Retention
											Latitude	Longitude	
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	0	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.720	0.010	Purple Blown-grass	-38.215552	144.36754	Yes
								1.000	0.014	Bellarine Yellow-gum			
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA /CoGG	137	<i>Eucalyptus camaldulensis</i>	NA	NA	0.591	0.008	Purple Blown-grass	-38.2089	144.3761	Yes
n/a	Horseshoe Bend Road (road reserve)	3h	CCMA /CoGG	211	<i>Allocasuarina verticillata</i>	NA	NA	0.610	0.009	Purple Blown-grass	-38.226722	144.35546	No
								1.000	0.014	Bellarine Yellow-gum			
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	3g	CCMA /CoGG	240	<i>Allocasuarina verticillata</i>	0.986	0.014	NA	NA	NA	-38.2254	144.3510	No
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	3g	CCMA /CoGG	243	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.450	0.006	Purple Blown-grass	-38.226871	144.35119	No
								1.000	0.014	Bellarine Yellow-gum			
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3d	CCMA /CoGG	273	<i>Eucalyptus ovata</i>	0.992	0.014	NA	NA	NA	-38.222971	144.35032	Yes



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PSP Property Number	Property Address (including Formal Land Description)	Map Ref	CMA/ LGA region	Tree ID No. ¹	Species (Latin Name)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Co-ordinates		Trees Identified for Practical Retention
											Latitude	Longitude	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3e	CCMA /CoGG	275	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.993	0.014	NA	NA	NA	-38.223092	144.35095	Yes
n/a	Boundary Road	3e	CCMA /CoGG	329	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.014	Bellarine Yellow-gum	-38.2217	144.3571	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3d	CCMA /CoGG	427	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.014	Bellarine Yellow-gum	-38.2167	144.3462	Yes
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3d	CCMA /CoGG	428	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.014	Bellarine Yellow-gum	-38.2165	144.3464	Yes
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	3a	CCMA /CoGG	431	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.620	0.009	Purple Blown-grass	-38.212849	144.34855	No
								1.000	0.014	Bellarine Yellow-gum			
41029920	344-380 Torquay Rd Grovedale (1\TP388185)	3a	CCMA /CoGG	432	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.620	0.009	Purple Blown-grass	-38.2128	144.3486	Yes
								1.000	0.014	Bellarine Yellow-gum			
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	3a	CCMA /CoGG	433	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.620	0.004	Purple Blown-grass	-38.212596	144.34834	No
								1.000	0.014	Bellarine Yellow-gum			
41029919	344-380 Torquay Rd	3a	CCMA /CoGG	442	<i>Eucalyptus leucoxylon</i>	NA	NA	0.610	0.009	Purple Blown-grass	-38.2105	144.3464	No



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											Latitude	Longitude	
	Grovedale (1\TP388185)				subsp. <i>connata</i>								
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3d	CCMA /CoGG	459	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.013	Bellarine Yellow-gum	-38.2152	144.3447	Yes
						0.979	0.001	NA	NA	NA			
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3d	CCMA /CoGG	461	<i>Allocasuarina verticillata</i>	0.985	0.014	NA	NA	NA	-38.2172	144.3504	Yes
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3e	CCMA /CoGG	462	<i>Allocasuarina verticillata</i>	0.984	0.014	NA	NA	NA	-38.2173	144.3514	Yes
41030605	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3e	CCMA /CoGG	465	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.983	0.014	NA	NA	NA	-38.2168	144.3526	Yes
41030606	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3e	CCMA /CoGG	476	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.510	0.007	Purple Blown-grass	-38.2153	144.3529	Yes
								1.000	0.014	Bellarine Yellow-gum			
41030607	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3b	CCMA /CoGG	477	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.500	0.007	Purple Blown-grass	-38.2132	144.3533	Yes
								1.000	0.014	Bellarine Yellow-gum			
41031033	150-230 Horseshoe	3b	CCMA /CoGG	494	<i>Eucalyptus leucoxylon</i>	NA	NA	0.750	0.011	Purple Blown-grass	-38.2113	144.3580	No



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											Latitude	Longitude	
	Bend Rd, Marshall (E~3\PP2421)				subsp. <i>connata</i>								
n/a	Horseshoe Bend Road	3e	CCMA /CoGG	500	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.936	0.013	NA	NA	NA	-38.2176	144.3571	No
n/a	Horseshoe Bend Road (road reserve)	3b	CCMA /CoGG	522	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.914	0.013	NA	NA	NA	-38.211650	144.35826	Yes
n/a	Horseshoe Bend Road	3b	CCMA /CoGG	523	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.745	0.010	Purple Blown-grass	-38.2115	144.3583	No
n/a	Reserve Road	3c	CCMA /CoGG	576	<i>Eucalyptus camaldulensis</i>	NA	NA	0.680	0.010	Purple Blown-grass	-38.2081	144.3682	No
n/a	Reserve Road	3c	CCMA /CoGG	577	<i>Eucalyptus camaldulensis</i>	NA	NA	0.680	0.010	Purple Blown-grass	-38.2081	144.3681	No
n/a	Reserve Road	3c	CCMA /CoGG	578	<i>Eucalyptus camaldulensis</i>	NA	NA	0.665	0.009	Purple Blown-grass	-38.2080	144.3672	No
n/a	Reserve Road	3b	CCMA /CoGG	580	<i>Eucalyptus camaldulensis</i>	NA	NA	0.720	0.005	Purple Blown-grass	-38.207553	144.36321	No
						0.812	0.006	NA	NA	NA			
n/a	Reserve Road	3b	CCMA /CoGG	581	<i>Eucalyptus camaldulensis</i>	NA	NA	0.720	0.006	Purple Blown-grass	-38.207521	144.36309	No
						0.812	0.005	NA	NA	NA			
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	3c	CCMA /CoGG	590	<i>Eucalyptus camaldulensis</i>	NA	NA	0.644	0.009	Purple Blown-grass	-38.2132	144.3689	No
41034183	274-280 Reserve Rd,	3c	CCMA /CoGG	591	<i>Eucalyptus camaldulensis</i>	NA	NA	0.636	0.009	Purple Blown-grass	-38.2139	144.3688	No



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											Latitude	Longitude	
	Marshall (2\LP207449)												
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	3f	CCMA /CoGG	592	<i>Eucalyptus camaldulensis</i>	NA	NA	0.730	0.010	Purple Blown-grass	-38.215302	144.36849	No
								1.000	0.014	Bellarine Yellow-gum			
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	3f	CCMA /CoGG	593	<i>Eucalyptus camaldulensis</i>	NA	NA	0.720	0.010	Purple Blown-grass	-38.215844	144.36835	No
								1.000	0.014	Bellarine Yellow-gum			
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	3b	CCMA /CoGG	620	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.592	0.008	Purple Blown-grass	-38.2089	144.3605	No
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA /CoGG	635	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.570	0.008	Purple Blown-grass	-38.2092	144.3644	Yes
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	3b	CCMA /CoGG	636	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.569	0.008	Purple Blown-grass	-38.2092	144.3645	Yes
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	3b	CCMA /CoGG	639	<i>Eucalyptus camaldulensis</i>	NA	NA	0.480	0.007	Purple Blown-grass	-38.2121	144.3639	Yes
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	3f	CCMA /CoGG	745	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.660	0.009	Purple Blown-grass	-38.217853	144.36745	No
								1.000	0.014	Bellarine Yellow-gum			



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											Latitude	Longitude	
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	3f	CCMA /CoGG	746	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.634	0.009	Purple Blown-grass	-38.217617	144.36751	No
								1.000	0.014	Bellarine Yellow-gum			
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	3f	CCMA /CoGG	747	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.622	0.009	Purple Blown-grass	-38.217049	144.36776	No
								1.000	0.014	Bellarine Yellow-gum			
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	748	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.615	0.009	Purple Blown-grass	-38.216966	144.36772	No
								1.000	0.014	Bellarine Yellow-gum			
n/a	Barwon Heads Road (road reserve)	3i	CCMA /CoGG	752	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.932	0.013	NA	NA	NA	-38.2270	144.3716	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	757	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.996	0.014	NA	NA	NA	-38.217757	144.36661	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	792	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.989	0.014	NA	NA	NA	-38.217500	144.36470	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	794	<i>Eucalyptus camaldulensis</i>	NA	NA	0.618	0.009	Purple Blown-grass	-38.215636	144.36564	No
								1.000	0.014	Bellarine Yellow-gum			
41031627	588-610 Barwon Heads	3f	CCMA /CoGG	795	<i>Eucalyptus camaldulensis</i>	NA	NA	0.640	0.009	Purple Blown-grass	-38.215527	144.36578	No



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											Latitude	Longitude	
	Rd, Marshall (G~4\PP2421)							1.000	0.014	Bellarine Yellow-gum			
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	797	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.927	0.013	NA	NA	NA	-38.2153	144.3646	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	804	<i>Eucalyptus camaldulensis</i>	NA	NA	0.648	0.009	Purple Blown-grass	-38.215764	144.36702	No
								1.000	0.014	Bellarine Yellow-gum			
205670372	242-280 Horseshoe Bend Road, Charlemont (1\PS742651)	3e	CCMA /CoGG	2014	<i>Allocasuarina verticillata</i>	NA	NA	1.000	0.004	Bellarine Yellow-gum	-38.219	144.3567	Yes
								0.985	0.010	NA			
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	3d	CCMA /CoGG	2022	<i>Eucalyptus ovata</i> (hybrid)	0.979	0.014	NA	NA	NA	-38.2148	144.3452	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	2028	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.988	0.014	NA	NA	NA	-38.217444	144.36410	Yes
41031033	86-100 Reserve Rd, Marshall (PC356661)	3b	CCMA /CoGG	2039	<i>Allocasuarina verticillata</i>	0.917	0.013	NA	NA	NA	-38.212518	144.35339	Yes
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	3d	CCMA /CoGG	2040	<i>Allocasuarina verticillata</i>	0.985	0.014	NA	NA	NA	-38.2172	144.3508	Yes



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											Latitude	Longitude	
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA /CoGG	2048	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.610	0.009	Purple Blown-grass	-38.2084	144.3627	No
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA /CoGG	2049	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.610	0.009	Purple Blown-grass	-38.2084	144.3626	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	3b	CCMA /CoGG	2051	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.656	0.009	Purple Blown-grass	-38.2082	144.3616	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	3b	CCMA /CoGG	2052	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.696	0.010	Purple Blown-grass	-38.2081	144.3616	Yes
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	3b	CCMA /CoGG	2053	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.700	0.010	Purple Blown-grass	-38.2080	144.3617	Yes
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	3b	CCMA /CoGG	2054	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.712	0.010	Purple Blown-grass	-38.2076	144.3619	No



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PSP Property Number	Property Address (including Formal Land Description)	Map Ref	CMA/ LGA region	Tree ID No. ¹	Species (Latin Name)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Co-ordinates		Trees Identified for Practical Retention
											Latitude	Longitude	
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA /CoGG	2055	<i>Eucalyptus camaldulensis</i>	NA	NA	0.671	0.009	Purple Blown-grass	-38.2114	144.3594	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	3b	CCMA /CoGG	2059	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	0.886	0.012	NA	NA	NA	-38.213300	144.36083	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3f	CCMA /CoGG	2062	<i>Eucalyptus</i> sp. (dead)	0.926	0.013	NA	NA	NA	-38.2152	144.3646	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3b	CCMA /CoGG	2065	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.520	0.007	Purple Blown-grass	-38.2147	144.3600	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3b	CCMA /CoGG	2066	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.539	0.008	Purple Blown-grass	-38.2146	144.3593	Yes
41031628	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3e	CCMA /CoGG	2068	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.012	Bellarine Yellow-gum	-38.2181	144.3587	Yes
						0.959	0.002	NA	NA	NA			
41031629	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	3e	CCMA /CoGG	2069	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.014	Bellarine Yellow-gum	-38.2182	144.3588	Yes
173293583	282-400 Horseshoe	3g	CCMA /CoGG	2075	<i>Eucalyptus</i> sp. (dead)	NA	NA	0.620	0.009	Purple Blown-grass	-38.228330	144.35244	No



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											Latitude	Longitude	
	Bend Rd, Mount Duneed (L~5\PP2421)							1.000	0.014	Bellarine Yellow-gum			
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA /CoGG	2076	<i>Eucalyptus sp. (dead)</i>	NA	NA	0.615	0.002	Purple Blown-grass	-38.228324	144.35255	No
								1.000	0.003	Bellarine Yellow-gum			
								0.984	0.011	NA			
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA /CoGG	2077	<i>Eucalyptus sp. (dead)</i>	NA	NA	0.621	0.002	Purple Blown-grass	-38.228349	144.35256	No
								1.000	0.003	Bellarine Yellow-gum			
								0.0984	0.011	NA			
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	3g	CCMA /CoGG	2079	<i>Eucalyptus sp. (dead)</i>	NA	NA	0.640	0.009	Purple Blown-grass	-38.228989	144.35209	No
								1.000	0.014	Bellarine Yellow-gum			
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	3g	CCMA /CoGG	2080	<i>Allocasuarina verticillata</i>	NA	NA	0.444	0.006	Purple Blown-grass	-38.226050	144.35079	No
								1.000	0.014	Bellarine Yellow-gum			
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3d	CCMA /CoGG	2090	<i>Eucalyptus ovata</i>	0.992	0.014	NA	NA	NA	-38.222765	144.35028	Yes



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PSP Property Number	Property Address (including Formal Land Description)	Map Ref	CMA/ LGA region	Tree ID No. ¹	Species (Latin Name)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Co-ordinates		Trees Identified for Practical Retention
											Latitude	Longitude	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	3d	CCMA /CoGG	2092	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	1.000	0.014	Bellarine Yellow-gum	-38.2215	144.3499	Yes
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	3e	CCMA /CoGG	2093	<i>Allocasuarina verticillata</i>	NA	NA	0.580	0.008	Purple Blown-grass	-38.222538	144.35143	Yes
								1.000	0.014	Bellarine Yellow-gum			
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	3e	CCMA /CoGG	2094	<i>Allocasuarina verticillata</i>	NA	NA	0.580	0.003	Purple Blown-grass	-38.222287	144.35158	Yes
								1.000	0.014	Bellarine Yellow-gum			
41030997	150-230 Horseshoe Bend Rd, Marshall (L~3\PP2421)	3e	CCMA /CoGG	2104	<i>Allocasuarina verticillata</i>	0.950	0.013	NA	NA	NA	-38.215307	144.35533	Yes
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	3b	CCMA /CoGG	2107	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.610	0.009	Purple Blown-grass	-38.2084	144.3623	No
41032451	180-184 Reserve Rd,	3b	CCMA /CoGG	2108	<i>Eucalyptus leucoxylon</i>	NA	NA	0.616	0.009	Purple Blown-grass	-38.2083	144.3620	No



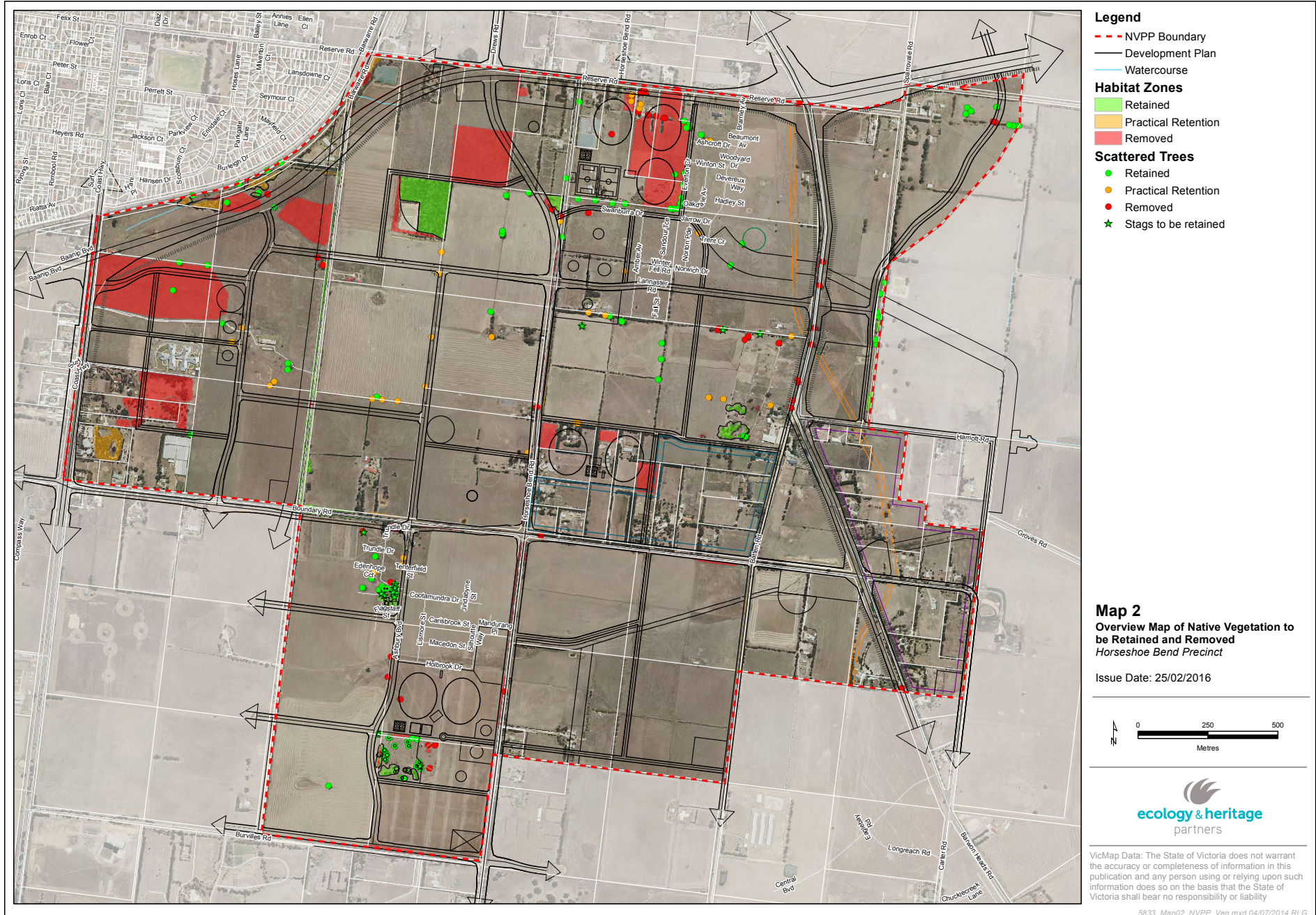
PSP Property Number	Property Address (including Formal Land Description)	Map Ref	CMA/ LGA region	Tree ID No. ¹	Species (Latin Name)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Co-ordinates		Trees Identified for Practical Retention
											Latitude	Longitude	
	Marshall (1\TP815399)				subsp. <i>connata</i>								
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	3b	CCMA /CoGG	2109	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.726	0.010	Purple Blown-grass	-38.2075	144.3618	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	3b	CCMA /CoGG	2110	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.708	0.010	Purple Blown-grass	-38.2076	144.3617	No
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	3b	CCMA /CoGG	2111	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.700	0.007	Purple Blown-grass	-38.207858	144.36129	Yes
						0.824	0.003	NA	NA	NA			
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	3b	CCMA /CoGG	2112	<i>Eucalyptus leucoxylon</i> subsp. <i>connata</i>	NA	NA	0.700	0.008	Purple Blown-grass	-38.207661	144.36132	Yes
						0.824	0.002	NA	NA	NA			
41035209	43-71 Sparrowvale Rd, Marshall (28~1\PP2421)	3c	CCMA /CoGG	2123	<i>Eucalyptus camaldulensis</i>	NA	NA	0.669	0.009	Purple Blown-grass	-38.2077	144.3749	No
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	3c	CCMA /CoGG	2138	<i>Eucalyptus camaldulensis</i>	NA	NA	0.595	0.008	Purple Blown-grass	-38.2089	144.3760	Yes
n/a	Cnr Barwon Heads Road	3f	CCMA /CoGG	2144	<i>Eucalyptus leucoxylon</i>	NA	NA	0.660	0.009	Purple Blown-grass	-38.217845	144.36741	No



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											Latitude	Longitude	
	and Batten Road (road reserve)				subsp. <i>connata</i>			1.000	0.014	Bellarine Yellow-gum			

Note: CCMA = Corangamite Catchment Management Authority, CoGG = City of Greater Geelong. The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Tree Id numbers are a unique number for each tree and numbering is consistent with background reports.





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4 OFFSET CALCULATIONS

4.1 Overview

The following documents must be produced to provide for the management of Native Vegetation Offsets:

- A Native Vegetation Offset Management Strategy for the Horseshoe Bend Precinct must be developed prior to the issuing of any permit for subdivision to the satisfaction of the Department of Environment and Primary Industries and the Responsible Authority.
- A Vegetation Offset Management Plan for each stage of subdivision must be developed consistent with the Native Vegetation Offset Management Strategy.



Table 5: Offset Requirements for Habitat Zones which can be removed

PSP Property Number	Property Address (including Formal Land Description)	EVC No. & name	CMA/ LGA region	Habitat Zone	Loss (Hectares)	Loss (Habitat hectares)*	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score
41029976	240A Barwarre Rd, Grovedale (RES1\PS308403)	175: GW	CCMA/ CoGG	GW3a-1	0.173	0.038	NA	NA	0.592	0.023	Purple Blown-grass	2	0.045	NA
							0.929	0.001	NA	NA	NA	1.5	0.002	0.743
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/ CoGG	GW3a-2	0.099	0.022	NA	NA	0.603	0.013	Purple Blown-grass	2	0.026	NA
n/a	Dennington Rail Line (1\PS308403)	175: GW	CCMA/ CoGG	GW3a-3	0.042	0.009	NA	NA	0.590	0.005	Purple Blown-grass	2	0.011	NA
							0.929	0.004	NA	NA	NA	1.5	0.006	0.743
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/ CoGG	GW3a-4	0.001	0.000	NA	NA	0.590	0.000	Purple Blown-grass	2	0.000	NA
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	CCMA/ CoGG	GW3e-1	0.003	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.001	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW3e-2	0.019	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	2	0.009	NA
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	CCMA/ CoGG	GW4b	0.028	0.007	NA	NA	0.650	0.005	Purple Blown-grass	2	0.010	NA
									1.000	0.007	Bellarine Yellow-gum	2	0.015	NA



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173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	CCMA/ CoGG	GW4c	0.013	0.003	NA	NA	0.650	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.003	Bellarine Yellow-gum	2	0.007	NA
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	CCMA/ CoGG	GW5b-2	0.001	0.000	NA	NA	0.620	0.000	Purple Blown-grass	2	0.000	NA
									1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
n/a	Barwarre Road (road reserve)	175: GW	CCMA/ CoGG	GW5b-3	0.006	0.001	NA	NA	0.620	0.001	Purple Blown-grass	2	0.001	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.002	NA
n/a	Barwarre Road (road reserve)	175: GW	CCMA/ CoGG	GW5b-4	0.008	0.001	NA	NA	0.620	0.001	Purple Blown-grass	2	0.002	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.003	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW5d-1	0.024	0.004	NA	NA	0.695	0.003	Purple Blown-grass	2	0.006	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.002	NA



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n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW5d-2	0.004	0.001	NA	NA	0.710	0.000	Purple Blown-grass	2	0.001	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW5e	0.046	0.008	NA	NA	0.666	0.006	Purple Blown-grass	2	0.011	NA
									1.000	0.004	Bellarine Yellow-gum	2	0.008	NA
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	CCMA/CoGG	GW5g-3	0.004	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.002	NA
n/a	Barwarre Road (road reserve)	175: GW	CCMA/CoGG	GW5g-4	0.013	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.005	NA
41030528	421-459 Boundary Rd, Marshall (N~3\PP2421)	175: GW	CCMA/CoGG	GW5h	0.097	0.018	NA	NA	1.000	0.018	Bellarine Yellow-gum	2	0.035	NA
205670372	461-499 Boundary Rd, Marshall (1\PS509234)	175: GW	CCMA/CoGG	GW5i-1	0.004	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.002	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/CoGG	GW5i-2	0.008	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.003	NA
205670372	461-499 Boundary Rd,	175: GW	CCMA/CoGG	GW5j-1	0.005	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.002	NA



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	Marshall (1\PS509234)													
n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW5j-2	0.011	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.004	NA
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW5k-1	0.001	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW5k-2	0.012	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.004	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW5l-1	0.033	0.006	NA	NA	1.000	0.006	Bellarine Yellow-gum	2	0.012	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW5l-2	0.049	0.009	NA	NA	1.000	0.009	Bellarine Yellow-gum	2	0.018	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW5l-3	0.024	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	2	0.009	NA
41030997	150-230 Horseshoe Bend Rd, Marshall (L~3\PP2421)	175: GW	CCMA/ CoGG	GW5m-1	0.015	0.003	NA	NA	0.660	0.001	Purple Blown-grass	2	0.002	NA
							0.924	0.001	NA	NA	NA	1.5	0.002	0.739
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW5m-2	0.063	0.011	NA	NA	0.660	0.003	Purple Blown-grass	2	0.006	NA



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							0.925	0.007	NA	NA	NA	1.5	0.011	0.740
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	CCMA/ CoGG	GW5n-1	0.060	0.011	0.934	0.010	NA	NA	NA	1.5	0.015	0.747
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW5n-2	0.098	0.018	0.934	0.016	NA	NA	NA	1.5	0.025	0.747
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	CCMA/ CoGG	GW5n-3	0.006	0.001	0.945	0.001	NA	NA	NA	1.5	0.001	0.756
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	CCMA/ CoGG	GW5o-1	0.005	0.001	0.982	0.001	NA	NA	NA	1.5	0.001	0.786
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW5o-2	0.022	0.004	0.983	0.004	NA	NA	NA	1.5	0.006	0.786
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	175: GW	CCMA/ CoGG	GW5p-1	0.001	0.000	0.985	0.000	NA	NA	NA	1.5	0.000	0.788
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW5p-2	0.020	0.004	0.984	0.004	NA	NA	NA	1.5	0.005	0.787
173293553	282-400 Horseshoe Bend Rd, Mount	175: GW	CCMA/ CoGG	GW5q-1	0.003	0.001	NA	NA	0.610	0.000	Purple Blown-grass	2	0.000	NA



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	Duneed (E~5\PP2421)								1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
							0.987	0.001	NA	NA	NA	1.5	0.002	0.790
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW5q-2	0.117	0.021	NA	NA	0.601	0.007	Purple Blown-grass	2	0.014	NA
									1.000	0.011	Bellarine Yellow-gum	2	0.022	NA
							0.987	0.010	NA	NA	NA	1.5	0.015	0.790
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW5r	0.007	0.001	0.981	0.001	NA	NA	NA	1.5	0.002	0.785
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW5s	0.018	0.003	0.984	0.003	NA	NA	NA	1.5	0.005	0.787
204286565	502-580 Boundary Rd, Connewarre (B~6\PP2421)	175: GW	CCMA/CoGG	GW5t-1	0.004	0.001	NA	NA	0.671	0.001	Purple Blown-grass	2	0.001	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.002	NA
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	CCMA/CoGG	GW5t-2	0.008	0.002	NA	NA	0.660	0.001	Purple Blown-grass	2	0.002	NA
									1.000	0.002	Bellarine Yellow-gum	2	0.003	NA



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n/a	Boundary Road (road reserve)	175: GW	CCMA/ CoGG	GW5t-3	0.028	0.005	NA	NA	0.663	0.003	Purple Blown-grass	2	0.007	NA
									1.000	0.005	Bellarine Yellow-gum	2	0.010	NA
52701399	332 Torquay Rd, Grovedale (1\TP14661)	175: GW	CCMA/ CoGG	GW6a-1	0.001	0.000	NA	NA	0.570	0.000	Purple Blown-grass	2	0.000	NA
n/a	Dennington Rail Line (H~3\PP2421)	175: GW	CCMA/ CoGG	GW6a-2	0.076	0.017	NA	NA	0.571	0.010	Purple Blown-grass	2	0.019	NA
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/ CoGG	GW6b-1	0.057	0.012	NA	NA	0.660	0.008	Purple Blown-grass	2	0.016	NA
41029919	240A Barwarre Road, Charlemont (1\TP113946)	175: GW	CCMA/ CoGG	GW6b-2	0.006	0.001	NA	NA	0.660	0.001	Purple Blown-grass	2	0.002	NA
n/a	Barwarre Road (road reserve)	175: GW	CCMA/ CoGG	GW6c-2	0.016	0.004	NA	NA	0.620	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.004	Bellarine Yellow-gum	2	0.007	NA
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	CCMA/ CoGG	GW6d-1	0.335	0.074	NA	NA	1.000	0.067	Bellarine Yellow-gum	2	0.134	NA
							0.955	0.007	NA	NA	NA	1.5	0.011	0.764



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52494502	384-386 Torquay Rd, Grovedale (1\TP447093)	175: GW	CCMA/CoGG	GW6d-2	0.112	0.025	NA	NA	1.000	0.025	Bellarine Yellow-gum	2	0.049	NA
52494477	402 Torquay Rd, Grovedale (1\TP520422)	175: GW	CCMA/CoGG	GW6d-3	0.306	0.067	NA	NA	1.000	0.030	Bellarine Yellow-gum	2	0.060	NA
							0.955	0.036	NA	NA	NA	1.5	0.054	0.764
205670372	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	CCMA/CoGG	GW6e-1	0.011	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.005	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/CoGG	GW6e-2	0.033	0.007	NA	NA	1.000	0.007	Bellarine Yellow-gum	2	0.014	NA
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	CCMA/CoGG	GW6j	0.023	0.005	NA	NA	1.000	0.005	Bellarine Yellow-gum	2	0.010	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW7b	0.048	0.013	NA	NA	0.670	0.009	Purple Blown-grass	2	0.017	NA
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	CCMA/CoGG	GW7e-1	0.317	0.085	NA	NA	1.000	0.059	Bellarine Yellow-gum	2	0.118	NA
							0.946	0.025	NA	NA	NA	1.5	0.038	0.757
52494502	384-386 Torquay Rd, Grovedale (1\TP447093)	175: GW	CCMA/CoGG	GW7e-2	0.016	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	2	0.008	NA



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							0.946	0.001	NA	NA	NA	1.5	0.002	0.757
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	CCMA/ CoGG	GW7f-1	0.038	0.010	NA	NA	1.000	0.010	Bellarine Yellow-gum	2	0.020	NA
52494477	402 Torquay Rd, Grovedale (1\TP520422)	175: GW	CCMA/ CoGG	GW7f-2	0.136	0.037	NA	NA	1.000	0.033	Bellarine Yellow-gum	2	0.066	NA
							0.947	0.003	NA	NA	NA	1.5	0.005	0.758
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	CCMA/ CoGG	GW7h-1	0.083	0.022	NA	NA	0.651	0.011	Purple Blown-grass	2	0.022	NA
							0.920	0.006	NA	NA	NA	1.5	0.009	0.736
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW7h-2	0.150	0.041	NA	NA	0.655	0.016	Purple Blown-grass	2	0.032	NA
							0.917	0.016	NA	NA	NA	1.5	0.024	0.734
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW7i-1	0.021	0.006	NA	NA	1.000	0.006	Bellarine Yellow-gum	2	0.011	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW7i-2	0.063	0.017	NA	NA	1.000	0.017	Bellarine Yellow-gum	2	0.034	NA
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW7i-3	0.003	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.001	NA



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203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW7i-4	0.013	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	2	0.007	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW7j-1	0.056	0.015	NA	NA	1.000	0.015	Bellarine Yellow-gum	2	0.030	NA
204188386	502-580 Boundary Rd, Connewarre (1\PS509245)	175: GW	CCMA/ CoGG	GW7j-2	0.034	0.009	NA	NA	1.000	0.009	Bellarine Yellow-gum	2	0.018	NA
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW8a-1	0.084	0.024	NA	NA	0.589	0.005	Purple Blown-grass	2	0.010	NA
									1.000	0.015	Bellarine Yellow-gum	2	0.030	NA
									0.988	0.009	NA	1.5	0.014	0.790
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW8a-2	0.003	0.001	0.987	0.001	NA	NA	NA	1.5	0.001	0.790
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	175: GW	CCMA/ CoGG	GW8a-3	0.004	0.001	0.987	0.001	NA	NA	NA	1.5	0.002	0.790



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n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW8a-4	0.011	0.003	0.987	0.003	NA	NA	NA	1.5	0.005	0.790
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW8a-5	0.009	0.003	0.987	0.003	NA	NA	NA	1.5	0.004	0.790
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW8a-6	0.112	0.033	NA	NA	0.590	0.003	Purple Blown-grass	2	0.006	NA
									1.000	0.017	Bellarine Yellow-gum	2	0.034	NA
							0.988	0.015	NA	NA	1.5	0.023	0.790	
215040510	Dennington Rail Line (B2~3\PP2421)	175: GW	CCMA/CoGG	GW9a-1	0.009	0.001	NA	NA	0.640	0.001	Purple Blown-grass	2	0.002	NA
							0.880	0.000	NA	NA	1.5	0.000	0.704	
n/a	Barwarre Road (road reserve)	175: GW	CCMA/CoGG	GW9a-2	0.105	0.016	NA	NA	0.640	0.003	Purple Blown-grass	2	0.006	NA
									1.000	0.005	Bellarine Yellow-gum	2	0.010	NA
							0.880	0.006	NA	NA	1.5	0.009	0.704	
n/a	Dennington Rail Line (2034\PP2421)	175: GW	CCMA/CoGG	GW9a-3	0.010	0.002	0.880	0.001	NA	NA	NA	1.5	0.002	0.704



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n/a	Dennington Rail Line (C1~3\PP2421)	175: GW	CCMA/ CoGG	GW9a-4	0.009	0.001	NA	NA	0.640	0.000	Purple Blown-grass	2	0.000	NA
									1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
									0.880	0.000	NA	NA	NA	1.5
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	CCMA/ CoGG	GW9b-1	0.096	0.014	NA	NA	0.700	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.011	Bellarine Yellow-gum	2	0.022	NA
n/a	Reserve Road (road reserve)	175: GW	CCMA/ CoGG	GW9b-2	0.012	0.002	NA	NA	0.700	0.001	Purple Blown-grass	2	0.002	NA
									1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
52494477	402 Torquay Rd, Grovedale (1\TP520422)	175: GW	CCMA/ CoGG	GW9d	0.135	0.020	0.947	0.019	NA	NA	NA	1.5	0.029	0.758
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	CCMA/ CoGG	GW9e-1	0.001	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW9e-2	0.038	0.006	NA	NA	1.000	0.003	Bellarine Yellow-gum	2	0.006	NA



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							0.989	0.003	NA	NA	NA	1.5	0.005	0.791
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	CCMA/ CoGG	GW9e-3	0.010	0.001	NA	NA	1.000	0.001	Bellarine Yellow-gum	2	0.003	NA
							0.989	0.001	NA	NA	NA	1.5	0.002	0.791
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	CCMA/ CoGG	GW9f-1	0.003	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
							0.989	0.000	NA	NA	NA	1.5	0.000	0.791
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW9f-2	0.019	0.003	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.004	NA
							0.989	0.001	NA	NA	NA	1.5	0.002	0.791
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	CCMA/ CoGG	GW9g	0.030	0.005	0.985	0.004	NA	NA	NA	1.5	0.007	0.788
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW9h	0.036	0.005	NA	NA	1.000	0.005	Bellarine Yellow-gum	2	0.011	NA
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	CCMA/ CoGG	GW10-1	0.000	0.000	NA	NA	0.660	0.000	Purple Blown-grass	2	0.000	NA
41031757	201-219 Horseshoe Bend	175: GW	CCMA/ CoGG	GW10-2	0.018	0.006	NA	NA	0.667	0.004	Purple Blown-grass	2	0.007	NA



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	Rd, Marshall (F~4\PP2421)													
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW10-4	0.064	0.020	NA	NA	0.668	0.013	Purple Blown-grass	2	0.026	NA
									1.000	0.003	Bellarine Yellow-gum	2	0.006	NA
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	175: GW	CCMA/CoGG	GW10-5	0.020	0.006	NA	NA	0.670	0.004	Purple Blown-grass	2	0.008	NA
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	175: GW	CCMA/CoGG	GW10-6	0.015	0.005	NA	NA	0.665	0.003	Purple Blown-grass	2	0.006	NA
									1.000	0.002	Bellarine Yellow-gum	2	0.004	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	GW10-7	0.003	0.001	NA	NA	0.661	0.001	Purple Blown-grass	2	0.001	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.002	NA
41029736	344-380 Torquay Rd Grovedale (1\TP423602)	175: GW	CCMA/CoGG	GW11-6	0.004	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.004	NA



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n/a	Barwarre Road (road reserve)	175: GW	CCMA/ CoGG	GW11-7	0.016	0.007	NA	NA	1.000	0.007	Bellarine Yellow-gum	2	0.014	NA
41029976	240A Barwarre Rd, Grovedale (RES1\PS308403)	175: GW	CCMA/ CoGG	GW13-1	0.000	0.000	NA	NA	0.570	0.000	Purple Blown-grass	2	0.000	NA
52701399	332 Torquay Rd, Grovedale (1\TP14661)	175: GW	CCMA/ CoGG	GW13-2	0.008	0.003	NA	NA	0.540	0.001	Purple Blown-grass	2	0.003	NA
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/ CoGG	GW13-3	0.031	0.011	NA	NA	0.555	0.006	Purple Blown-grass	2	0.012	NA
n/a	Dennington Rail Line (H~3\PP2421)	175: GW	CCMA/ CoGG	GW13-4	0.270	0.094	NA	NA	0.574	0.054	Purple Blown-grass	2	0.108	NA
52701399	332 Torquay Rd, Grovedale (1\TP14661)	175: GW	CCMA/ CoGG	GW13-5	0.003	0.001	NA	NA	0.570	0.001	Purple Blown-grass	2	0.001	NA
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/ CoGG	GW14	0.019	0.003	NA	NA	0.608	0.002	Purple Blown-grass	2	0.004	NA
53081190	406-410, 418-425 Torquay Rd, Grovedale (2\PS500610)	175: GW	CCMA/ CoGG	GW15a	0.912	0.210	NA	NA	1.000	0.135	Bellarine Yellow-gum	2	0.270	NA
							0.946	0.070	NA	NA	NA	1.5	0.105	0.757
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	CCMA/ CoGG	GW15b-1	0.435	0.100	NA	NA	1.000	0.100	Bellarine Yellow-gum	2	0.200	NA



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52494502	384-386 Torquay Rd, Grovedale (1\TP447093)	175: GW	CCMA/ CoGG	GW15b-2	1.732	0.398	NA	NA	1.000	0.376	Bellarine Yellow-gum	2	0.752	NA
							0.950	0.022	NA	NA	NA	1.5	0.033	0.760
41029285	394 Torquay Rd, Grovedale (1\TP136569)	175: GW	CCMA/ CoGG	GW15c-3	0.166	0.038	NA	NA	1.000	0.025	Bellarine Yellow-gum	2	0.050	NA
							0.946	0.012	NA	NA	NA	1.5	0.018	0.757
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	175: GW	CCMA/ CoGG	GW16-3	0.055	0.013	NA	NA	0.748	0.010	Purple Blown-grass	2	0.020	NA
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	175: GW	CCMA/ CoGG	GW16-4	0.006	0.001	NA	NA	0.748	0.001	Purple Blown-grass	2	0.002	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/ CoGG	GW16-5	0.006	0.001	NA	NA	0.748	0.001	Purple Blown-grass	2	0.002	NA
n/a	Harriott Road (road reserve)	132: PG	CCMA/ CoGG	PG1a	0.036	0.010	NA	NA	0.620	0.006	Purple Blown-grass	2	0.012	NA
n/a	Harriott Road (road reserve)	132: PG	CCMA/ CoGG	PG1c	0.105	0.029	NA	NA	0.599	0.018	Purple Blown-grass	2	0.035	NA
n/a	Batten Road (road reserve)	132: PG	CCMA/ CoGG	PG1d	0.151	0.042	NA	NA	0.614	0.007	Purple Blown-grass	2	0.014	NA



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									1.000	0.009	Bellarine Yellow-gum	2	0.018	NA
							0.927	0.029	NA	NA	NA	1.5	0.044	0.742
n/a	Harriott Road (road reserve)	132: PG	CCMA/ CoGG	PG2	0.019	0.008	NA	NA	0.640	0.005	Purple Blown-grass	2	0.011	NA
300262	502-580 Boundary Rd, Connewarre	132: PG	CCMA/ CoGG	PG4a-1	0.021	0.006	NA	NA	0.615	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.006	Bellarine Yellow-gum	2	0.012	NA
n/a	Boundary Road (road reserve)	132: PG	CCMA/ CoGG	PG4a-2	0.109	0.030	NA	NA	0.615	0.012	Purple Blown-grass	2	0.024	NA
									1.000	0.030	Bellarine Yellow-gum	2	0.061	NA
300262	502-580 Boundary Rd, Connewarre	132: PG	CCMA/ CoGG	PG4b-1	0.010	0.003	NA	NA	0.643	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.003	Bellarine Yellow-gum	2	0.005	NA
n/a	Boundary Road (road reserve)	132: PG	CCMA/ CoGG	PG4b-2	0.114	0.032	NA	NA	0.630	0.020	Purple Blown-grass	2	0.040	NA



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									1.000	0.028	Bellarine Yellow-gum	2	0.056	NA
n/a	Batten Road (road reserve)	132: PG	CCMA/ CoGG	PG4c	0.006	0.002	NA	NA	0.650	0.001	Purple Blown-grass	2	0.002	NA
n/a	Boundary Road (road reserve)	132: PG	CCMA/ CoGG	PG4d	0.014	0.004	NA	NA	0.690	0.003	Purple Blown-grass	2	0.005	NA
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	55: PGW	CCMA/ CoGG	PGW4a-1	0.026	0.003	NA	NA	0.642	0.002	Purple Blown-grass	2	0.004	NA
n/a	Barwon Heads Road (road reserve)	55: PGW	CCMA/ CoGG	PGW4a-2	0.012	0.002	NA	NA	0.642	0.001	Purple Blown-grass	2	0.002	NA
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	55: PGW	CCMA/ CoGG	PGW4b-1	0.043	0.006	NA	NA	0.650	0.004	Purple Blown-grass	2	0.007	NA
n/a	Barwon Heads Road (road reserve)	55: PGW	CCMA/ CoGG	PGW4b-2	0.013	0.002	NA	NA	0.650	0.001	Purple Blown-grass	2	0.002	NA
41029976	240A Barwarre Rd, Grovedale (RES1\PS308403)	175: GW	CCMA/ CoGG	MTV_1	0.001	0.000	NA	NA	0.570	0.000	Purple Blown-grass	2	0.000	NA
n/a	Dennington Rail Line (H~3\PP2421)	175: GW	CCMA/ CoGG	MTV_2	0.045	0.009	NA	NA	0.571	0.005	Purple Blown-grass	2	0.010	NA



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n/a	Dennington Rail Line (1\PS308403)	175: GW	CCMA/CoGG	MTV_3	0.006	0.001	0.929	0.001	NA	NA	NA	1.5	0.002	0.743
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/CoGG	MTV_4	0.765	0.153	NA	NA	0.571	0.087	Purple Blown-grass	2	0.175	NA
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/CoGG	MTV_5	0.934	0.187	NA	NA	1.000	0.187	Bellarine Yellow-gum	2	0.374	NA
208790027	344-380 Torquay Rd Grovedale (2\PS520311)	175: GW	CCMA/CoGG	MTV_6	7.972	1.594	NA	NA	0.543	0.084	Purple Blown-grass	2	0.168	NA
									1.000	0.650	Bellarine Yellow-gum	2	1.300	NA
									0.737	0.696	NA	1.5	1.044	0.590
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	175: GW	CCMA/CoGG	MTV_7	2.263	0.453	NA	NA	0.544	0.245	Purple Blown-grass	2	0.490	NA
									1.000	0.000	Bellarine Yellow-gum	2	0.000	NA
									0.931	0.003	NA	1.5	0.005	0.745
n/a	Barwarre Road (road reserve)	175: GW	CCMA/CoGG	MTV_8	0.025	0.005	NA	NA	0.603	0.003	Purple Blown-grass	2	0.006	NA
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	CCMA/CoGG	MTV_9	0.079	0.016	NA	NA	0.640	0.007	Purple Blown-grass	2	0.014	NA



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									1.000	0.004	Bellarine Yellow-gum	2	0.008	NA
52630430	86-100 Reserve Rd, Marshall (PC356661)	175: GW	CCMA/CoGG	MTV_10	0.490	0.098	NA	NA	0.590	0.058	Purple Blown-grass	2	0.116	NA
41031076	102-148 Reserve Rd, Marshall (D1~3\PP2421)	175: GW	CCMA/CoGG	MTV_11	0.091	0.018	NA	NA	0.620	0.003	Purple Blown-grass	2	0.006	NA
							0.753	0.010	NA	NA	NA	1.5	0.015	0.602
236694	150 Reserve Rd, Marshall	175: GW	CCMA/CoGG	MTV_12	0.132	0.026	NA	NA	0.644	0.006	Purple Blown-grass	2	0.012	NA
							0.749	0.013	NA	NA	NA	1.5	0.020	0.599
236691	102-148 Reserve Rd, Marshall	175: GW	CCMA/CoGG	MTV_13	0.194	0.039	NA	NA	0.733	0.010	Purple Blown-grass	2	0.020	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.002	NA
									0.800	0.020	NA	NA	NA	1.5
41031076	102-148 Reserve Rd, Marshall (D1~3\PP2421)	175: GW	CCMA/CoGG	MTV_14	4.117	0.823	NA	NA	0.637	0.379	Purple Blown-grass	2	0.758	NA
									1.000	0.010	Bellarine Yellow-gum	2	0.020	NA
									0.805	0.184	NA	NA	NA	1.5



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230010	110-148 Horseshoe Bend Rd, Marshall	175: GW	CCMA/CoGG	MTV_15	0.068	0.014	NA	NA	0.633	0.009	Purple Blown-grass	2	0.017	NA
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	175: GW	CCMA/CoGG	MTV_16	0.265	0.053	NA	NA	0.700	0.017	Purple Blown-grass	2	0.034	NA
							0.824	0.024	NA	NA	NA	1.5	0.036	0.659
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	175: GW	CCMA/CoGG	MTV_17	0.740	0.148	NA	NA	0.655	0.063	Purple Blown-grass	2	0.126	NA
							0.812	0.041	NA	NA	NA	1.5	0.062	0.650
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	175: GW	CCMA/CoGG	MTV_18	2.651	0.530	NA	NA	0.579	0.307	Purple Blown-grass	2	0.614	NA
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	175: GW	CCMA/CoGG	MTV_19	1.535	0.307	NA	NA	0.550	0.169	Purple Blown-grass	2	0.337	NA
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	175: GW	CCMA/CoGG	MTV_20	1.381	0.276	NA	NA	0.680	0.188	Purple Blown-grass	2	0.376	NA
41030677	379 Barwarre Rd, Marshall (1\PS333998)	175: GW	CCMA/CoGG	MTV_21	0.012	0.002	NA	NA	0.620	0.001	Purple Blown-grass	2	0.003	NA



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									1.000	0.002	Bellarine Yellow-gum	2	0.005	NA
n/a	Barwarre Road (road reserve)	175: GW	CCMA/CoGG	MTV_22	0.009	0.002	NA	NA	0.620	0.001	Purple Blown-grass	2	0.002	NA
									1.000	0.002	Bellarine Yellow-gum	2	0.004	NA
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	175: GW	CCMA/CoGG	MTV_23	0.020	0.004	NA	NA	1.000	0.004	Bellarine Yellow-gum	2	0.008	NA
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	175: GW	CCMA/CoGG	MTV_24	0.018	0.004	NA	NA	1.000	0.003	Bellarine Yellow-gum	2	0.006	NA
							0.985	0.001	NA	NA	NA	1.5	0.002	0.788
424586077	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	175: GW	CCMA/CoGG	MTV_25	0.002	0.000	NA	NA	1.000	0.000	Bellarine Yellow-gum	2	0.001	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	MTV_26	0.009	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.003	NA
n/a	Horseshoe Bend Road (road reserve)	175: GW	CCMA/CoGG	MTV_27	0.009	0.002	NA	NA	1.000	0.002	Bellarine Yellow-gum	2	0.003	NA
							0.985	0.001	NA	NA	NA	1.5	0.002	0.788



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205670372	251-259 Boundary Rd, Charlemont (1\LP78953)	175: GW	CCMA/CoGG	MTV_28	0.533	0.107	NA	NA	1.000	0.080	Bellarine Yellow-gum	2	0.160	NA
							0.949	0.026	NA	NA	NA	1.5	0.039	0.759
300273	541-549 Boundary Rd, Marshall (LP78953)	175: GW	CCMA/CoGG	MTV_29	0.781	0.156	NA	NA	0.641	0.008	Purple Blown-grass	2	0.016	NA
									1.000	0.156	Bellarine Yellow-gum	2	0.312	NA
300271	525-531 Boundary Rd, Marshall (LP78953)	175: GW	CCMA/CoGG	MTV_30	0.267	0.053	NA	NA	1.000	0.053	Bellarine Yellow-gum	2	0.107	NA
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	175: GW	CCMA/CoGG	MTV_31	0.017	0.003	NA	NA	1.000	0.003	Bellarine Yellow-gum	2	0.007	NA
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	175: GW	CCMA/CoGG	MTV_32	0.071	0.014	NA	NA	0.658	0.009	Purple Blown-grass	2	0.019	NA
									1.000	0.014	Bellarine Yellow-gum	2	0.028	NA
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	175: GW	CCMA/CoGG	MTV_33	0.098	0.020	NA	NA	1.000	0.020	Bellarine Yellow-gum	2	0.039	NA



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173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	175: GW	CCMA/CoGG	MTV_34	0.194	0.039	NA	NA	0.650	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.003	Bellarine Yellow-gum	2	0.006	NA
									0.995	0.035	NA	NA	NA	1.5
173293602	282-400 Horseshoe Bend Rd, Mount Duneed (K~5\PP2421)	175: GW	CCMA/CoGG	MTV_35	0.004	0.001	NA	NA	0.650	0.000	Purple Blown-grass	2	0.001	NA
									1.000	0.001	Bellarine Yellow-gum	2	0.001	NA
300262	502-580 Boundary Rd, Connewarre	175: GW	CCMA/CoGG	MTV_36	0.156	0.031	NA	NA	0.657	0.021	Purple Blown-grass	2	0.041	NA
									1.000	0.005	Bellarine Yellow-gum	2	0.010	NA
n/a	Boundary Road (road reserve)	175: GW	CCMA/CoGG	MTV_37	0.016	0.003	NA	NA	0.660	0.002	Purple Blown-grass	2	0.004	NA
									1.000	0.000	Bellarine Yellow-gum	2	0.000	NA

Notes: GW = Grassy Woodland, PGW = Plains Grassy Woodland, PG = Plains Grassland, CCMA = Corangamite Catchment Management Authority, CoGG = City of Greater Geelong. The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. *Habitat Hectares scores have been rounded to three decimal places. All offsets required for Purple Blown Grass must be for *Lachnagrostis punicea subsp. punicea*.



Table 6: Total offset requirements for Habitat Zones of native vegetation

Offset to be achieved				
Offset Type	CMA region	LGA region	Specific Offset Requirement	Biodiversity Equivalence Units to be achieved
General	Corangamite	City of Greater Geelong	NA	2.121
Specific	NA	NA	Purple Blown-grass	4.031
			Bellarine Yellow-gum	4.750

Notes: Totals do not include offset requirements associated with scattered trees. All offsets required for Purple Blown Grass must be for *Lachnagrostis punicea subsp. punicea*.



Table 7: Offset required for scattered trees which can be removed

PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	0	0.014	NA	NA	0.720	0.010	Purple Blown-grass	2	0.020	NA	Yes
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	CCMA/ CoGG	137	0.014	NA	NA	0.591	0.008	Purple Blown-grass	2	0.017	NA	Yes
n/a	Horseshoe Bend Road (road reserve)	CCMA/ CoGG	211	0.014	NA	NA	0.610	0.009	Purple Blown-grass	2	0.017	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	CCMA/ CoGG	240	0.014	0.986	0.014	NA	NA	NA	1.5	0.021	0.789	No
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	CCMA/ CoGG	243	0.014	NA	NA	0.450	0.006	Purple Blown-grass	2	0.013	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	CCMA/ CoGG	273	0.014	0.992	0.014	NA	NA	NA	1.5	0.021	0.794	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	CCMA/ CoGG	275	0.014	0.993	0.014	NA	NA	NA	1.5	0.021	0.794	Yes



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	Rd, Mount Duneed (C~5\PP2421)												
n/a	Boundary Road	CCMA/ CoGG	329	0.014	NA	NA	1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	427	0.014	NA	NA	1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	Yes
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	428	0.014	NA	NA	1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	Yes
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	431	0.014	NA	NA	0.620	0.009	Purple Blown-grass	2	0.017	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41029920	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	432	0.014	NA	NA	0.620	0.009	Purple Blown-grass	2	0.017	NA	Yes
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	433	0.014	NA	NA	0.620	0.004	Purple Blown-grass	2	0.008	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41029919	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	442	0.014	NA	NA	0.610	0.009	Purple Blown-grass	2	0.017	NA	No
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	459	0.014	NA	NA	1.000	0.013	Bellarine Yellow-gum	2	0.026	NA	Yes
					0.979	0.001	NA	NA	NA	1.5	0.002	0.783	



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41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	CCMA/ CoGG	461	0.014	0.985	0.014	NA	NA	NA	1.5	0.021	0.788	Yes
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	CCMA/ CoGG	462	0.014	0.984	0.014	NA	NA	NA	1.5	0.021	0.787	Yes
41030605	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	CCMA/ CoGG	465	0.014	0.983	0.014	NA	NA	NA	1.5	0.021	0.786	Yes
41030606	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	CCMA/ CoGG	476	0.014	NA	NA	0.510	0.007	Purple Blown-grass	2	0.014	NA	Yes
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41030607	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	CCMA/ CoGG	477	0.014	NA	NA	0.500	0.007	Purple Blown-grass	2	0.014	NA	Yes
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41031033	150-230 Horseshoe Bend Rd, Marshall (E~3\PP2421)	CCMA/ CoGG	494	0.014	NA	NA	0.750	0.011	Purple Blown-grass	2	0.021	NA	Yes
n/a	Horseshoe Bend Road	CCMA/ CoGG	500	0.014	0.936	0.013	NA	NA	NA	1.5	0.020	0.749	No
n/a	Horseshoe Bend Road (road reserve)	CCMA/ CoGG	522	0.014	0.914	0.013	NA	NA	NA	1.5	0.019	0.731	Yes



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n/a	Horseshoe Bend Road	CCMA/ CoGG	523	0.014	NA	NA	0.745	0.010	Purple Blown-grass	2	0.021	NA	No
n/a	Reserve Road	CCMA/ CoGG	576	0.014	NA	NA	0.680	0.010	Purple Blown-grass	2	0.019	NA	No
n/a	Reserve Road	CCMA/ CoGG	577	0.014	NA	NA	0.680	0.010	Purple Blown-grass	2	0.019	NA	No
n/a	Reserve Road	CCMA/ CoGG	578	0.014	NA	NA	0.665	0.009	Purple Blown-grass	2	0.019	NA	No
n/a	Reserve Road	CCMA/ CoGG	580	0.014	NA	NA	0.720	0.005	Purple Blown-grass	2	0.010	NA	No
					0.812	0.006	NA	NA	NA	1.5	0.009	0.650	
n/a	Reserve Road	CCMA/ CoGG	581	0.014	NA	NA	0.720	0.006	Purple Blown-grass	2	0.012	NA	No
					0.812	0.005	NA	NA	NA	1.5	0.008	0.650	
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	CCMA/ CoGG	590	0.014	NA	NA	0.644	0.009	Purple Blown-grass	2	0.018	NA	No
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	CCMA/ CoGG	591	0.014	NA	NA	0.636	0.009	Purple Blown-grass	2	0.018	NA	No
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	CCMA/ CoGG	592	0.014	NA	NA	0.730	0.010	Purple Blown-grass	2	0.021	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41034183	274-280 Reserve Rd, Marshall (2\LP207449)	CCMA/ CoGG	593	0.014	NA	NA	0.720	0.010	Purple Blown-grass	2	0.020	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	



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52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	CCMA/ CoGG	620	0.014	NA	NA	0.592	0.008	Purple Blown-grass	2	0.017	NA	No
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	CCMA/ CoGG	635	0.014	NA	NA	0.570	0.008	Purple Blown-grass	2	0.016	NA	Yes
53038069	502-540 Barwon Heads Rd, Marshall (1\TP22869)	CCMA/ CoGG	636	0.014	NA	NA	0.569	0.008	Purple Blown-grass	2	0.016	NA	Yes
53038074	542-586 Barwon Heads Rd, Marshall (1\TP22871)	CCMA/ CoGG	639	0.014	NA	NA	0.480	0.007	Purple Blown-grass	2	0.013	NA	Yes
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	CCMA/ CoGG	745	0.014	NA	NA	0.660	0.009	Purple Blown-grass	2	0.019	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	CCMA/ CoGG	746	0.014	NA	NA	0.634	0.009	Purple Blown-grass	2	0.018	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	CCMA/ CoGG	747	0.014	NA	NA	0.622	0.009	Purple Blown-grass	2	0.017	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	



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PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	748	0.014	NA	NA	0.615	0.009	Purple Blown-grass	2	0.017	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
n/a	Barwon Heads (road reserve)	CCMA/ CoGG	752	0.014	0.932	0.013	NA	NA	NA	1.5	0.020	0.746	No
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	757	0.014	0.996	0.014	NA	NA	NA	1.5	0.021	0.797	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	792	0.014	0.989	0.014	NA	NA	NA	1.5	0.021	0.791	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	794	0.014	NA	NA	0.618	0.009	Purple Blown-grass	2	0.017	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	795	0.014	NA	NA	0.640	0.009	Purple Blown-grass	2	0.018	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	797	0.014	0.927	0.013	NA	NA	NA	1.5	0.020	0.742	No
41031627			804	0.014	NA	NA	0.648	0.009	Purple Blown-grass	2	0.018	NA	No



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PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG					1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
205670372	242-280 Horseshoe Bend Road, Charlemont (1/PS742651)	CCMA/ CoGG	2014	0.014	NA	NA	1.000	0.004	Bellarine Yellow-gum	2	0.008	NA	Yes
							NA	NA	NA	1.5	0.015	0.797	
41029827	344-380 Torquay Rd Grovedale (1\TP388185)	CCMA/ CoGG	2022	0.014	0.979	0.014	NA	NA	NA	1.5	0.021	0.783	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	2028	0.014	0.988	0.014	NA	NA	NA	1.5	0.021	0.790	Yes
41031033	86-100 Reserve Rd, Marshall (PC356661)	CCMA/ CoGG	2039	0.014	0.917	0.013	NA	NA	NA	1.5	0.019	0.734	Yes
41030604	150-230 Horseshoe Bend Rd, Marshall (K~3\PP2421)	CCMA/ CoGG	2040	0.014	0.985	0.014	NA	NA	NA	1.5	0.021	0.788	Yes
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	CCMA/ CoGG	2048	0.014	NA	NA	0.610	0.009	Purple Blown-grass	2	0.017	NA	No
52494500	186-194 Reserve Rd, Marshall	CCMA/ CoGG	2049	0.014	NA	NA	0.610	0.009	Purple Blown-grass	2	0.017	NA	No



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PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
	(Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)												
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2051	0.014	NA	NA	0.656	0.009	Purple Blown-grass	2	0.018	NA	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2052	0.014	NA	NA	0.696	0.010	Purple Blown-grass	2	0.020	NA	Yes
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2053	0.014	NA	NA	0.700	0.010	Purple Blown-grass	2	0.020	NA	Yes
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2054	0.014	NA	NA	0.712	0.010	Purple Blown-grass	2	0.020	NA	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	CCMA/ CoGG	2055	0.014	NA	NA	0.671	0.009	Purple Blown-grass	2	0.019	NA	No
41031757	201-219 Horseshoe Bend Rd, Marshall (F~4\PP2421)	CCMA/ CoGG	2059	0.014	0.886	0.012	NA	NA	NA	1.5	0.019	0.709	Yes
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	2062	0.014	0.926	0.013	NA	NA	NA	1.5	0.020	0.741	No
41031627	588-610 Barwon Heads Rd,	CCMA/ CoGG	2065	0.014	NA	NA	0.520	0.007	Purple Blown-grass	2	0.015	NA	Yes



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	Marshall (G~4\PP2421)												
41031627	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	2066	0.014	NA	NA	0.539	0.008	Purple Blown-grass	2	0.015	NA	Yes
41031628	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	2068	0.014	NA	NA	1.000	0.012	Bellarine Yellow-gum	2	0.024	NA	Yes
					0.959	0.002	NA	NA	NA	1.5	0.003	0.767	
41031629	588-610 Barwon Heads Rd, Marshall (G~4\PP2421)	CCMA/ CoGG	2069	0.014	NA	NA	1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	Yes
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	CCMA/ CoGG	2075	0.014	NA	NA	0.620	0.009	Purple Blown-grass	2	0.017	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	CCMA/ CoGG	2076	0.014	NA	NA	0.615	0.002	Purple Blown-grass	2	0.004	NA	No
							1.000	0.003	Bellarine Yellow-gum	2	0.006	NA	
							0.984	0.011	NA	NA	NA	1.5	
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	CCMA/ CoGG	2077	0.014	NA	NA	0.621	0.002	Purple Blown-grass	2	0.004	NA	No
							1.000	0.003	Bellarine Yellow-gum	2	0.006	NA	
							0.984	0.011	NA	NA	NA	1.5	



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PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
173293583	282-400 Horseshoe Bend Rd, Mount Duneed (L~5\PP2421)	CCMA/ CoGG	2079	0.014	NA	NA	0.640	0.009	Purple Blown-grass	2	0.018	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
173293553	282-400 Horseshoe Bend Rd, Mount Duneed (E~5\PP2421)	CCMA/ CoGG	2080	0.014	NA	NA	0.444	0.006	Purple Blown-grass	2	0.012	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	CCMA/ CoGG	2090	0.014	0.992	0.014	NA	NA	NA	1.5	0.021	0.794	Yes
173293501	282-400 Horseshoe Bend Rd, Mount Duneed (C~5\PP2421)	CCMA/ CoGG	2092	0.014	NA	NA	1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	Yes
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	CCMA/ CoGG	2093	0.014	NA	NA	0.580	0.008	Purple Blown-grass	2	0.016	NA	Yes
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	
203914338	282-400 Horseshoe Bend Rd, Mount Duneed (1\PS509230)	CCMA/ CoGG	2094	0.014	NA	NA	0.580	0.003	Purple Blown-grass	2	0.006	NA	Yes
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	



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PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
41030997	150-230 Horseshoe Bend Rd, Marshall (L~3\PP2421)	CCMA/ CoGG	2104	0.014	0.950	0.013	NA	NA	NA	1.5	0.020	0.760	Yes
52494500	186-194 Reserve Rd, Marshall (Crown Allot A (Pt), Sec 4, Parish Conewarre, F.Desc NUA)	CCMA/ CoGG	2107	0.014	NA	NA	0.610	0.009	Purple Blown-grass	2	0.017	NA	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2108	0.014	NA	NA	0.616	0.009	Purple Blown-grass	2	0.017	NA	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2109	0.014	NA	NA	0.726	0.010	Purple Blown-grass	2	0.020	NA	No
41032451	180-184 Reserve Rd, Marshall (1\TP815399)	CCMA/ CoGG	2110	0.014	NA	NA	0.708	0.010	Purple Blown-grass	2	0.020	NA	No
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	CCMA/ CoGG	2111	0.014	NA	NA	0.700	0.007	Purple Blown-grass	2	0.014	NA	Yes
					0.824	0.003	NA	NA	NA	1.5	0.005	0.659	
52705335	125-141 Horseshoe Bend Rd, Marshall (1\TP15955)	CCMA/ CoGG	2112	0.014	NA	NA	0.700	0.008	Purple Blown-grass	2	0.016	NA	Yes
					0.824	0.002	NA	NA	NA	1.5	0.003	0.659	
41035209	43-71 Sparrowvale Rd,	CCMA/ CoGG	2123	0.014	NA	NA	0.669	0.009	Purple Blown-grass	2	0.019	NA	No



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PSP Property Number	Property Address (including Formal Land Description)	CMA/ LGA region	Tree ID No.1	Habitat Hectares (Scattered Trees)	Strategic Biodiversity Score	General Biodiversity Equivalence Score	Habitat Importance Score	Specific Biodiversity Equivalence Score	Species (Common Name)	Offset Multiplier	Biodiversity Equivalence Units to be achieved	Minimum Strategic Biodiversity Score	Trees Identified for Practical Retention
	Marshall (28~1\PP2421)												
41034964	101-215 Sparrowvale Rd, Connewarre (1\TP673943)	CCMA/ CoGG	2138	0.014	NA	NA	0.595	0.008	Purple Blown-grass	2	0.017	NA	Yes
n/a	Cnr Barwon Heads Road and Batten Road (road reserve)	CCMA/ CoGG	2144	0.014	NA	NA	0.660	0.009	Purple Blown-grass	2	0.019	NA	No
							1.000	0.014	Bellarine Yellow-gum	2	0.028	NA	

Note: CCMA = Corangamite Catchment Management Authority, CoGG = City of Greater Geelong. The property addresses listed in the tables are where the majority of the vegetation is mapped. A specific address not being listed does not necessarily mean that vegetation does not extend onto neighbouring titles. As development and subdivision proceeds, the property addresses listed in the tables will change over time and no longer be relevant. See the maps or contact the City of Greater Geelong for more information. ¹Tree Id numbers are a unique number for each tree and numbering is consistent with background reports. All offsets required for Purple Blown Grass must be for *Lachnagrostis punicea subsp. punicea*.



Table 8: Total offset requirements for Scattered Trees

Offset to be achieved				
Offset Type	CMA region	LGA region	Specific Offset Requirement	Biodiversity Equivalence Units to be achieved
General	Corangamite	City of Greater Geelong	NA	0.481
Specific	NA	NA	Purple Blown-grass	0.938
			Bellarine Yellow-gum	0.857

Notes: Totals do not include offset requirements associated with habitat zones. All offsets required for Purple Blown Grass must be for *Lachnagrostis punicea subsp. punicea*.

5 CONDITIONS AND REQUIREMENTS FOR PERMITS

The following conditions apply from the gazettal of the Native Vegetation Precinct Plan:

- Dead Very Large and Large scattered trees (stags) may be relocated to secure locations within the precinct subject to the identification of suitable areas to the satisfaction of the responsible authority. Any relocated dead tree that remains standing for a minimum of two years after relocation, will not require offsetting.
- Prior to the commencement of works, a Stag Relocation Plan for each stage of subdivision must be submitted and approved by the Responsible Authority. The plan must include the following:
 - Species identification and size of each individual tree proposed for relocation;
 - Identification of the relocation site(s) for each of the trees; and,
 - The proposed site preparation and protection measures to ensure each trees longevity and protection after relocation is maximised.
- Where offsets are required, an Offset Management Plan, consistent with an endorsed Offset Management Strategy for the Horseshoe Bend Precinct must be prepared to the satisfaction of the Department of Environment and Primary Industries and the responsible authority
- As part of the development of the Offset Strategy for the Armstrong Creek Horseshoe Bend Precinct a Native Vegetation Offset Tracking Tool will be required to track native vegetation removal. The Offset Tracking Tool is required to be submitted to the Responsible Authority prior to the removal of any native vegetation.
- Prior to the commencement of any works including native vegetation removal a highly visible vegetation protection fence must be erected to the AS 4970-2009 or successor standard around any scattered tree and vegetation which have been identified to be retained unless otherwise agreed to in writing by the Responsible Authority. Where the minimum standard for protection has not been met, an offset may be required.
- Native vegetation identified as 'removed' within this NVPP does not require a further planning permit.
- Any detailed development or subdivision design must consider the principles of the *Permitted clearing of native vegetation – Biodiversity assessment guidelines* (DEPI 2013a) in avoiding and minimising the removal of native vegetation to the satisfaction of the responsible authority.
- Native vegetation identified for 'practical retention' is considered removed in this plan. It is acknowledged that the developer(s) will aim to retain this vegetation throughout the detailed design process. However, if native vegetation identified for practical retention is retained and protected in the future, offset requirements will be recalculated accordingly.
- Before any native vegetation is removed, evidence that an offset has been secured must be provided to the satisfaction of the responsible authority. This offset must meet the offset requirements set out



in this permit and be in accordance with the requirements of the Guidelines and the Native vegetation gain scoring manual (DEPI 2013b). Offset evidence can be either:

- a security agreement, to the required standard, for the offset site or sites, including a 10 year offset management plan.
 - a credit register extract from the Native Vegetation Credit Register.
- Implementation of native vegetation offsets must be completed according to the schedule of works in the Vegetation Offset Management Plan, to the satisfaction of the Responsible Authority and Department of Environment and Primary Industries. Vegetation offsets will require protection through conservation covenants or Section 173 agreements to the satisfaction of the Responsible Authority.
 - Any revegetation works undertaken within a native vegetation offset site must comprise of locally indigenous species of local providence. Any seed collected for revegetation must be collected using Florabank Guidelines and Florabank Model Code of Practice.
 - Any native vegetation to be removed (in accordance with this NVPP) must be clearly marked on site to the satisfaction of the Responsible Authority whilst works are being undertaken within the vicinity.
 - Prior to the felling any tree which may be removed, the tree must be examined by a suitably qualified zoologist for the presence of fauna in hollows or external nests. If native fauna species are located, they must be salvaged and relocated to the closest suitable vegetation, in consultation with the Department of Environment and Primary Industries.
 - Any pruning that is required to be done to the canopy or root systems of any indigenous tree to be retained is to be done by a qualified Arborist to *Australian Standard – Pruning of Amenity Trees AS4373-1996*. Any pruning or removal of tree limbs must be to the minimum extent necessary and not exceed one third of the canopy and must not include lopping of the trunk.
 - Any construction stockpiles, fill and machinery must be placed away from areas supporting native vegetation and drainage lines to the satisfaction of the responsible authority.
 - Water run-off must be managed to ensure that native vegetation to be retained is not compromised.
 - No grazing may occur on native vegetation to be protected (unless permitted by a Management Plan approved by the Responsible Authority).
 - A management plan is required for areas of native vegetation to be retained, specifically for weed control and to improve vegetation condition and habitat value for significant flora species (i.e. Melbourne Yellow Gum).
 - The conditions and requirements for permits as outlined above must be fully complied with at all times throughout the development.



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6 PROCEDURES FOR THE COLLECTION OF ANY PAYMENTS

No payments are necessary or specified.



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7 OTHER INFORMATION

The specific controls contained within this incorporated document do not expire.



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REFERENCES

- CoGG 2010. Armstrong Creek Urban Growth Plan – Volume 1. City of Greater Geelong.
- Department of Sustainability and Environment (2006). VPP Practice Note – Preparing a Native Vegetation Precinct Plan. State of Victoria.
- DEPI 2013a. Permitted clearing of native vegetation - Biodiversity assessment guidelines (the Guidelines). Victorian Department of Environment and Primary Industries.
- DEPI 2013b. Native vegetation gain scoring manual - Version 1. Victorian Department of Environment and Primary Industries.
- Department of Sustainability and Environment (2010). Biodiversity Precinct Structure Planning Kit. State of Victoria.
- Ecology and Heritage Partners 2012. Horseshoe Bend Precinct Flora and Fauna Assessment and Net Gain Analysis. Report to St Quentin Consulting.
- Environment Protection Authority (1991). Construction Techniques for Sediment Pollution Control. State of Victoria.



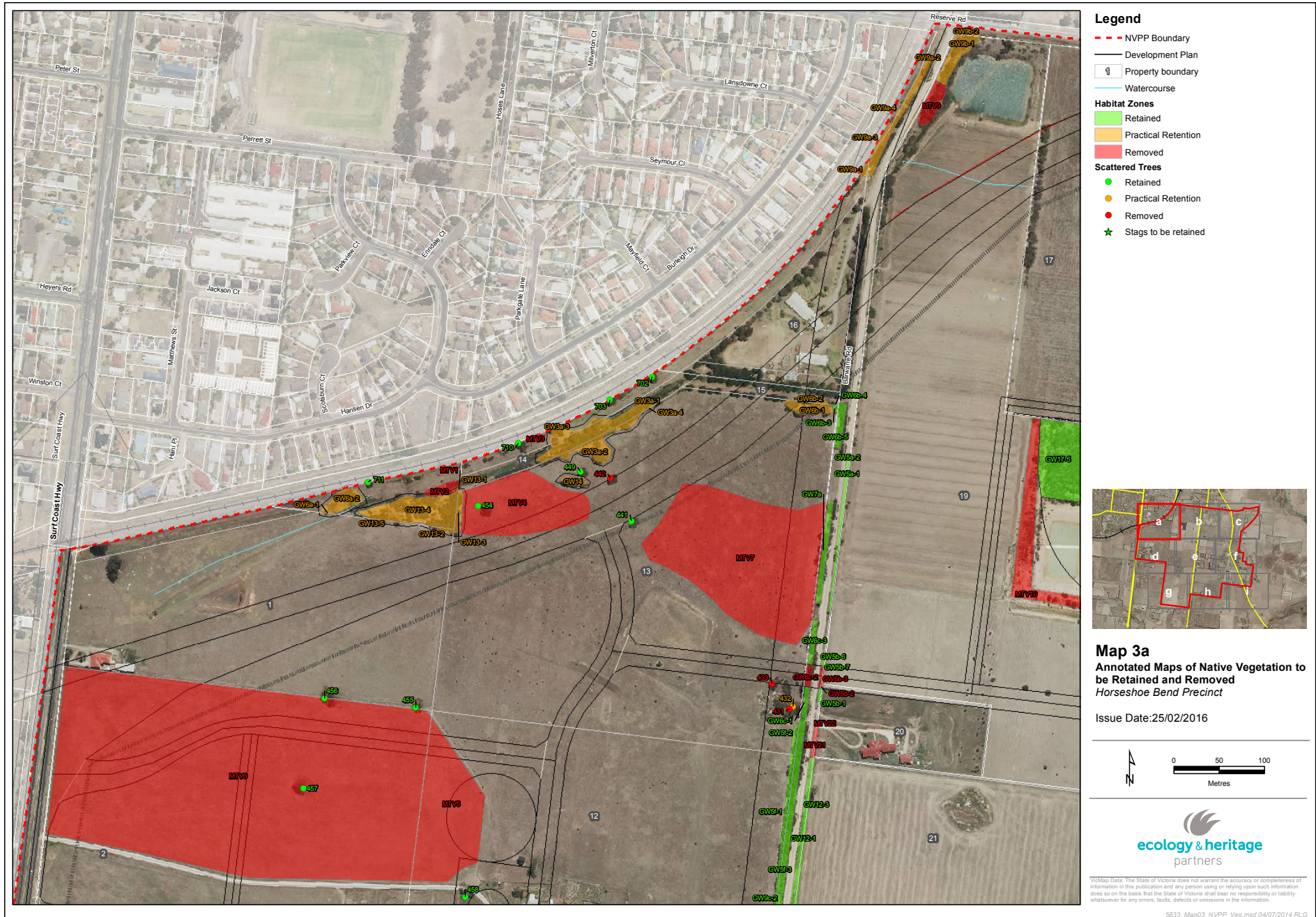
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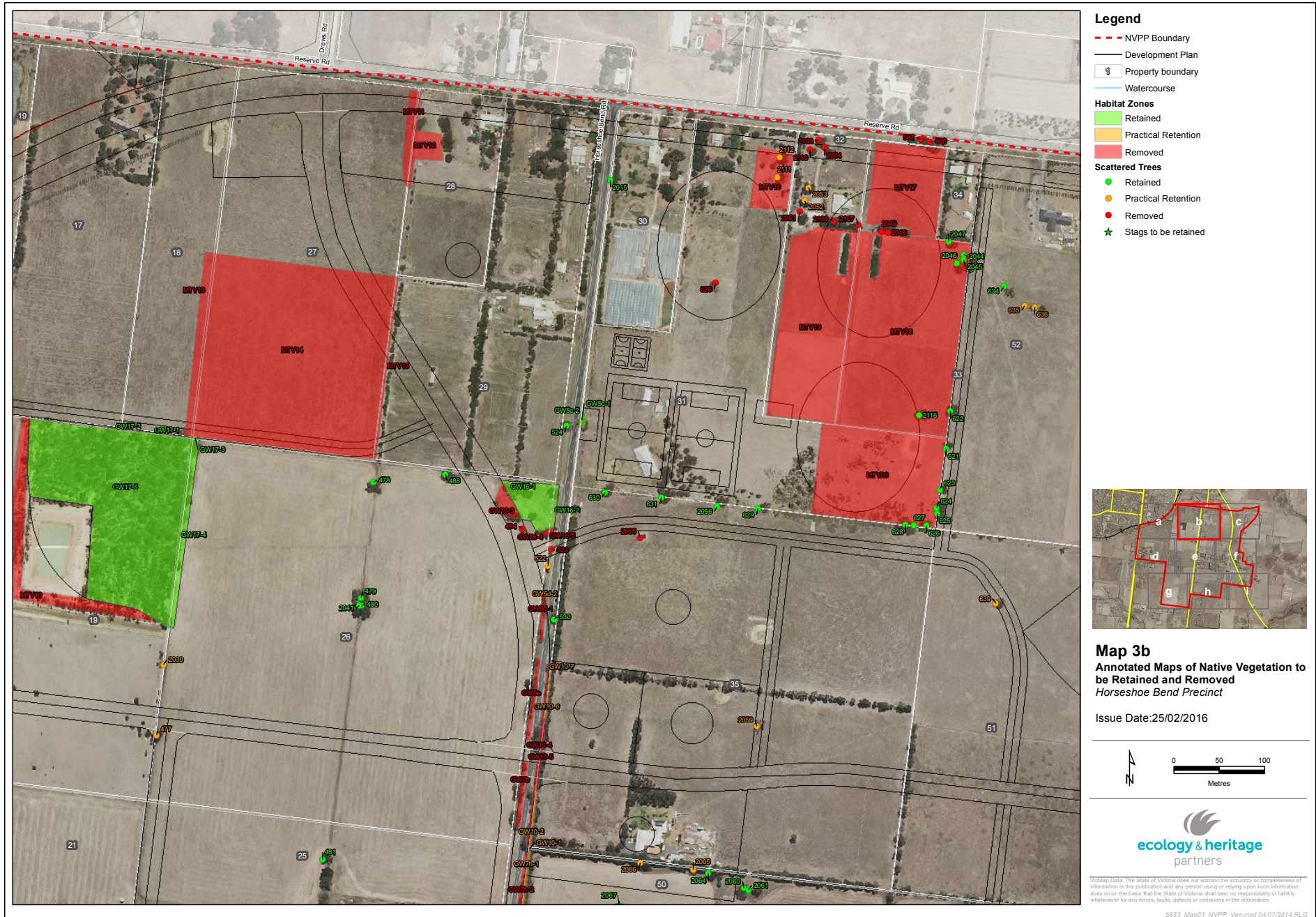
APPENDICES

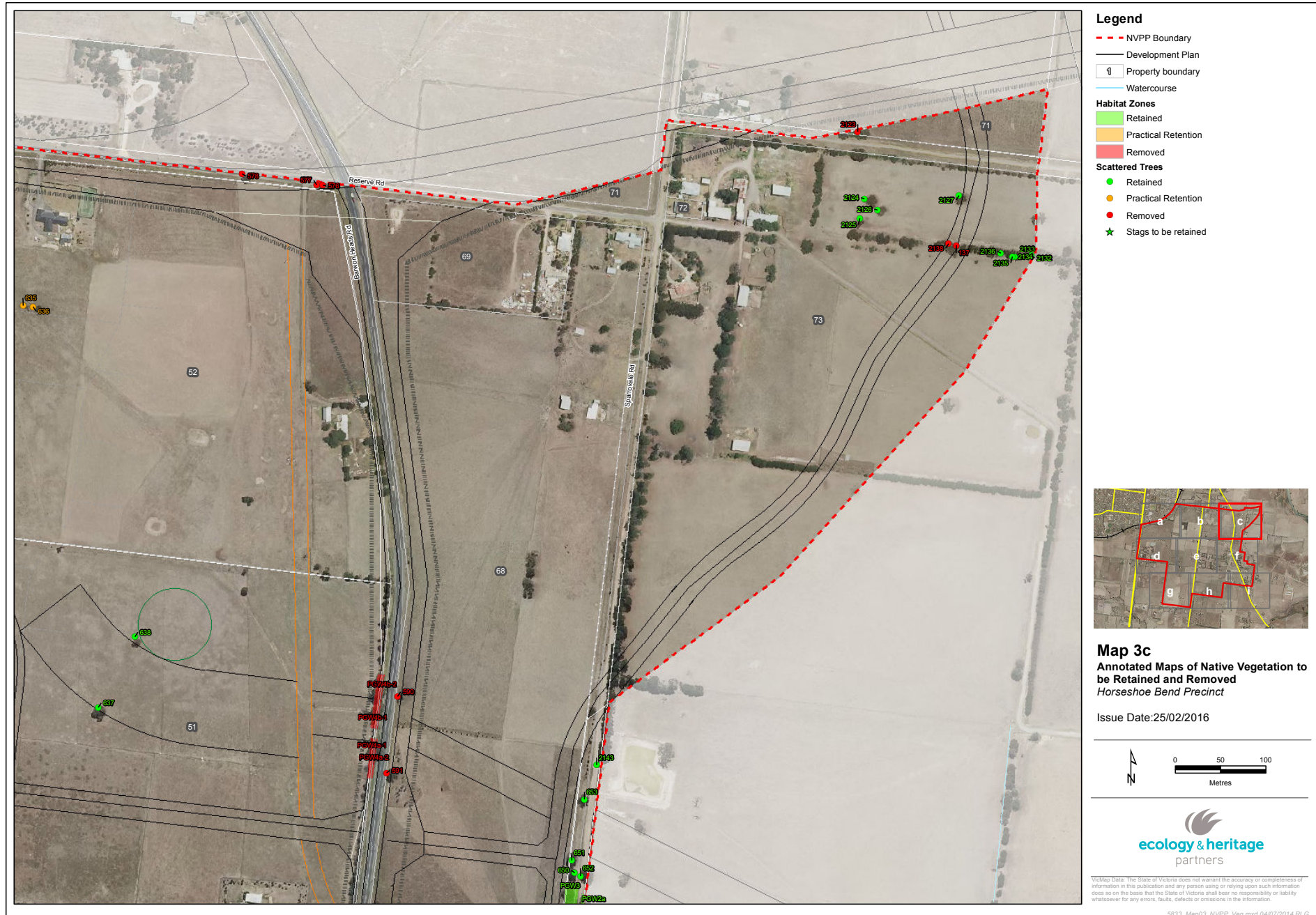


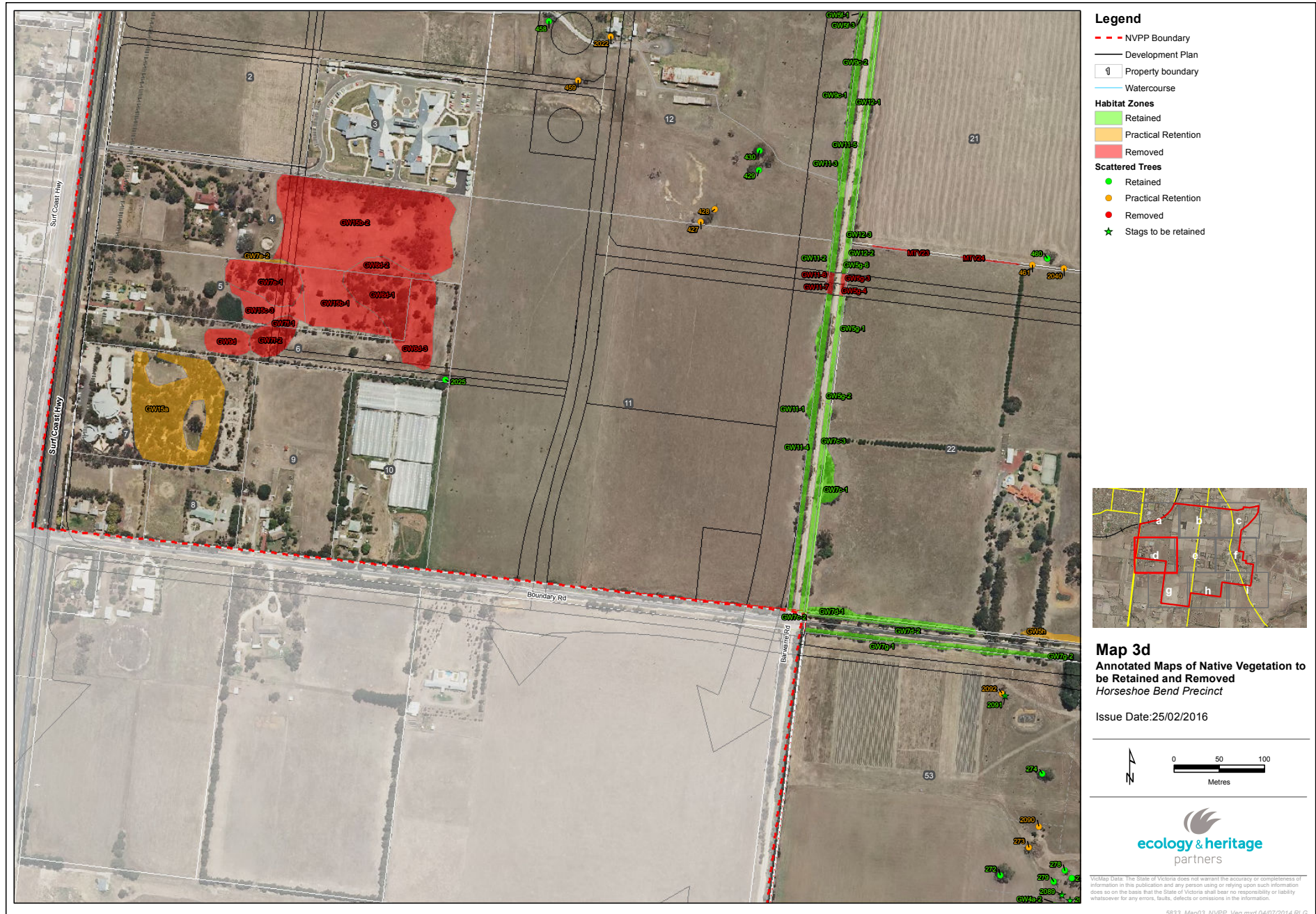
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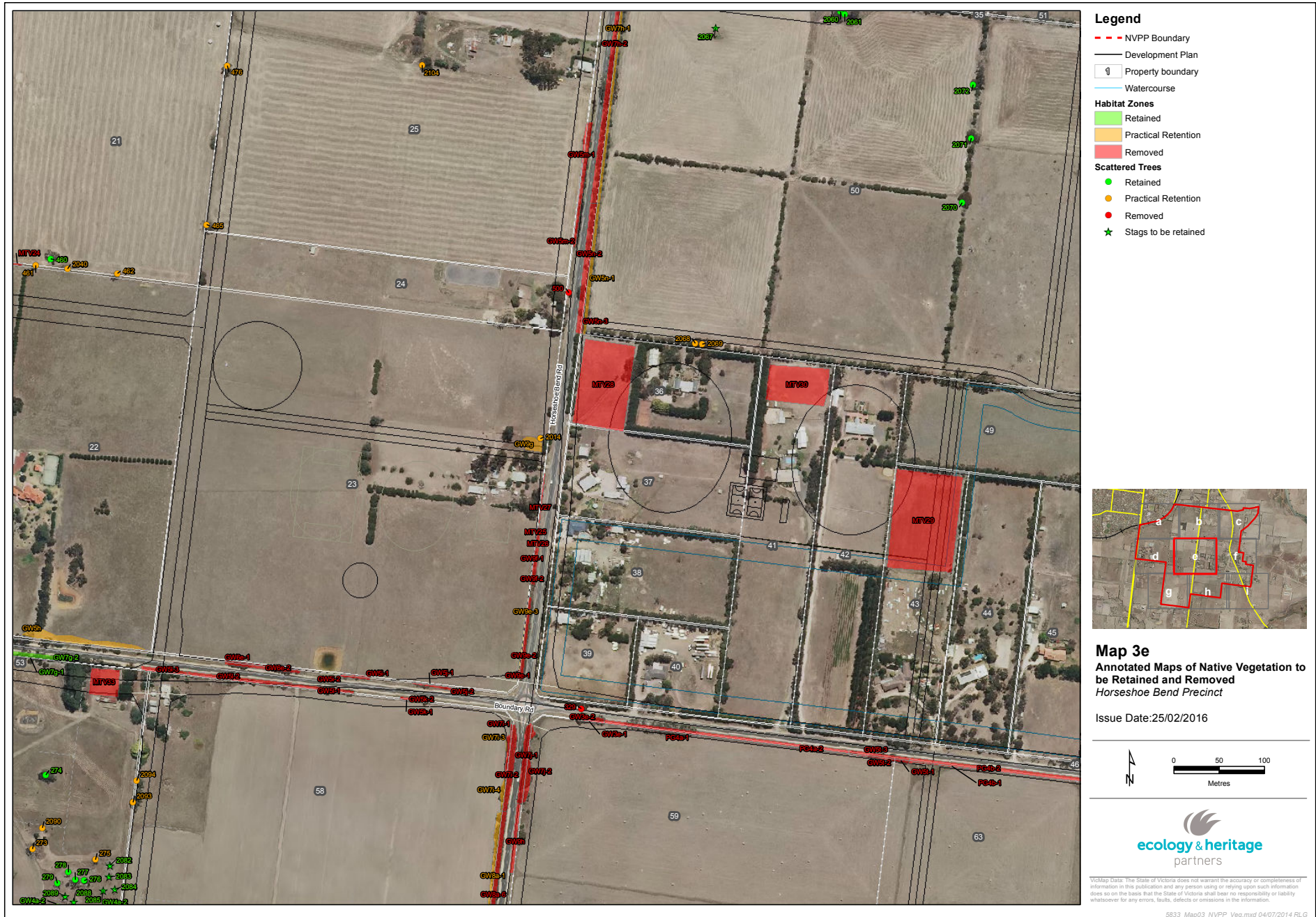
APPENDIX 1: ANNOTATED MAPS OF NATIVE VEGETATION TO BE RETAINED AND REMOVED

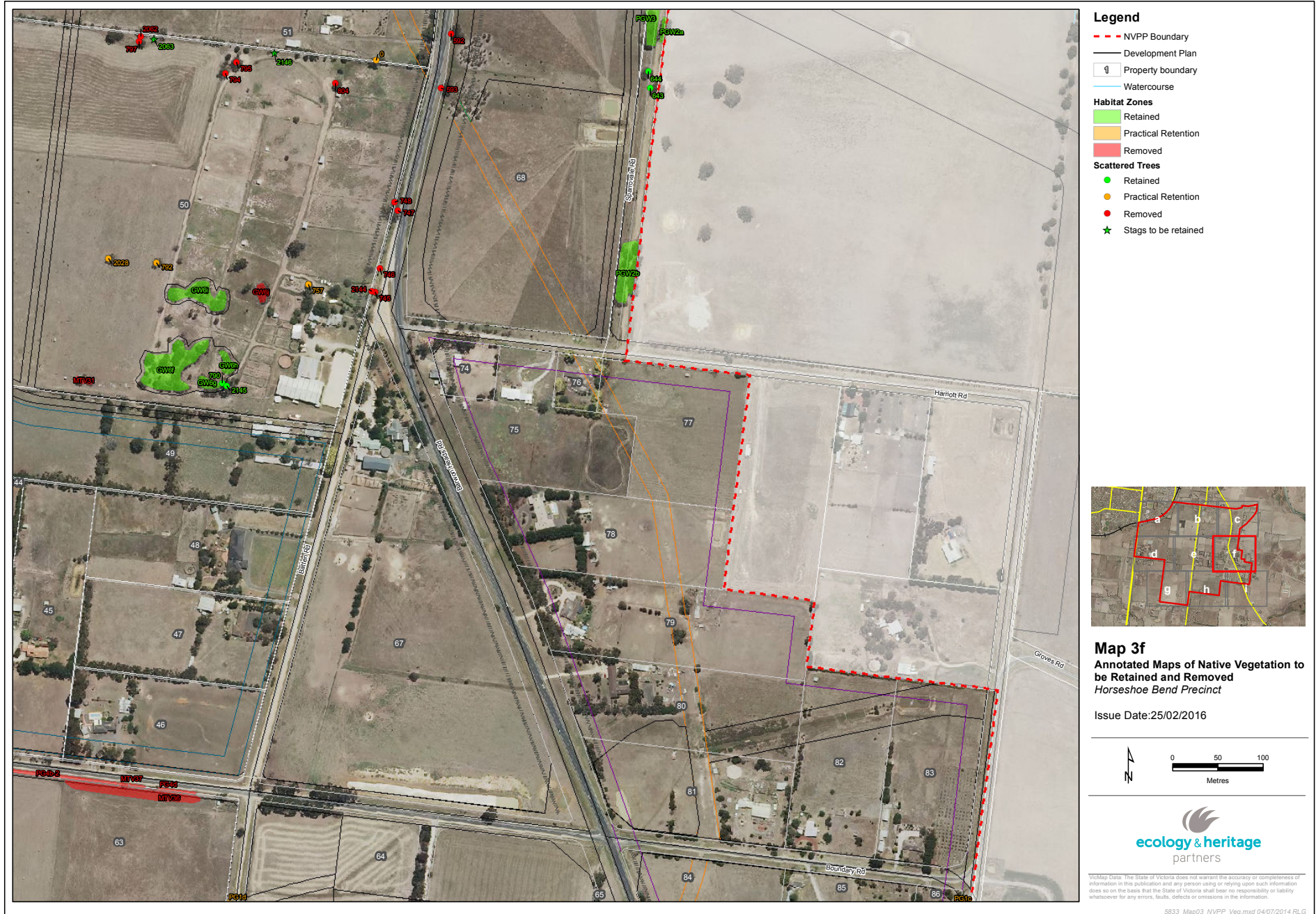


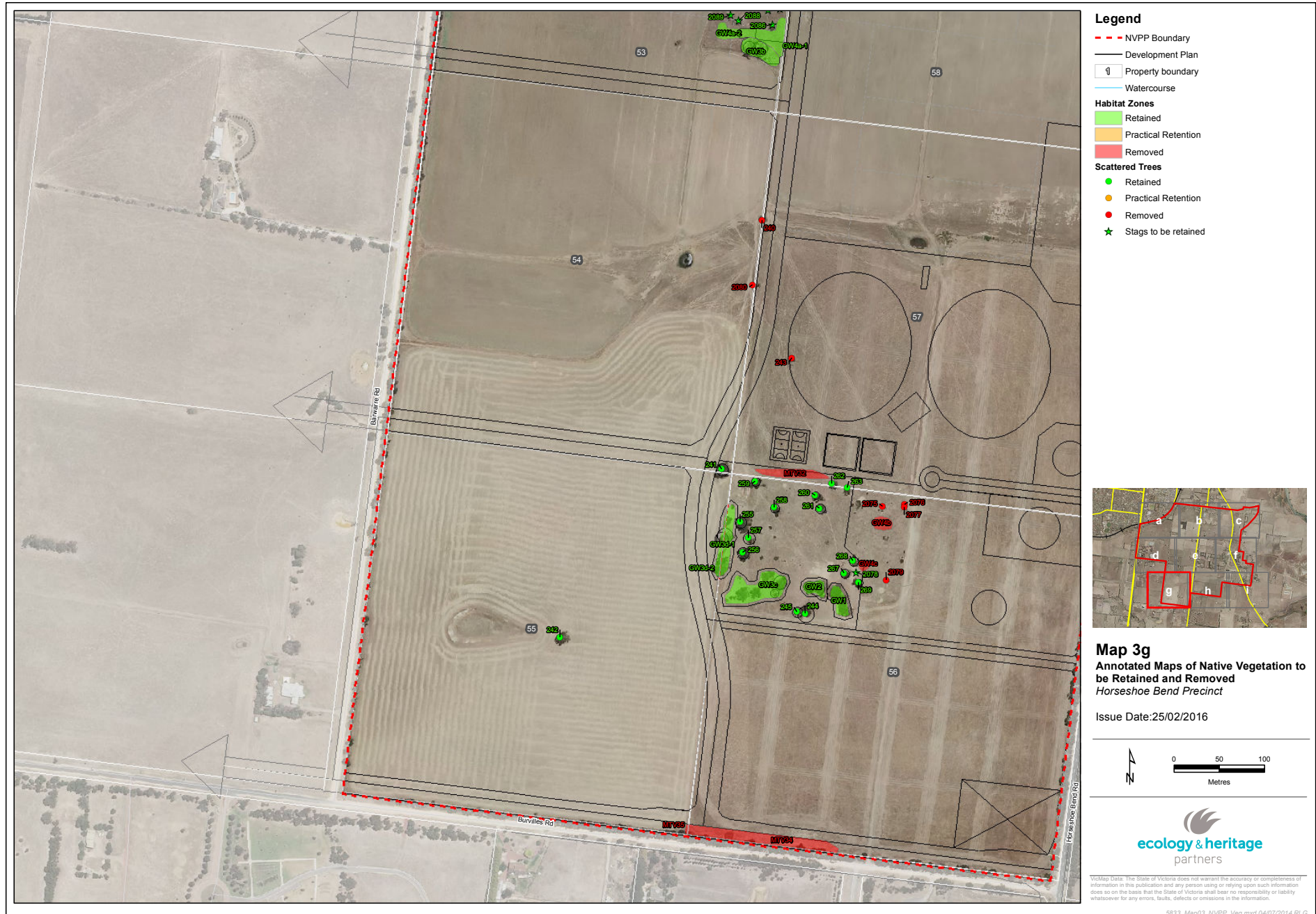




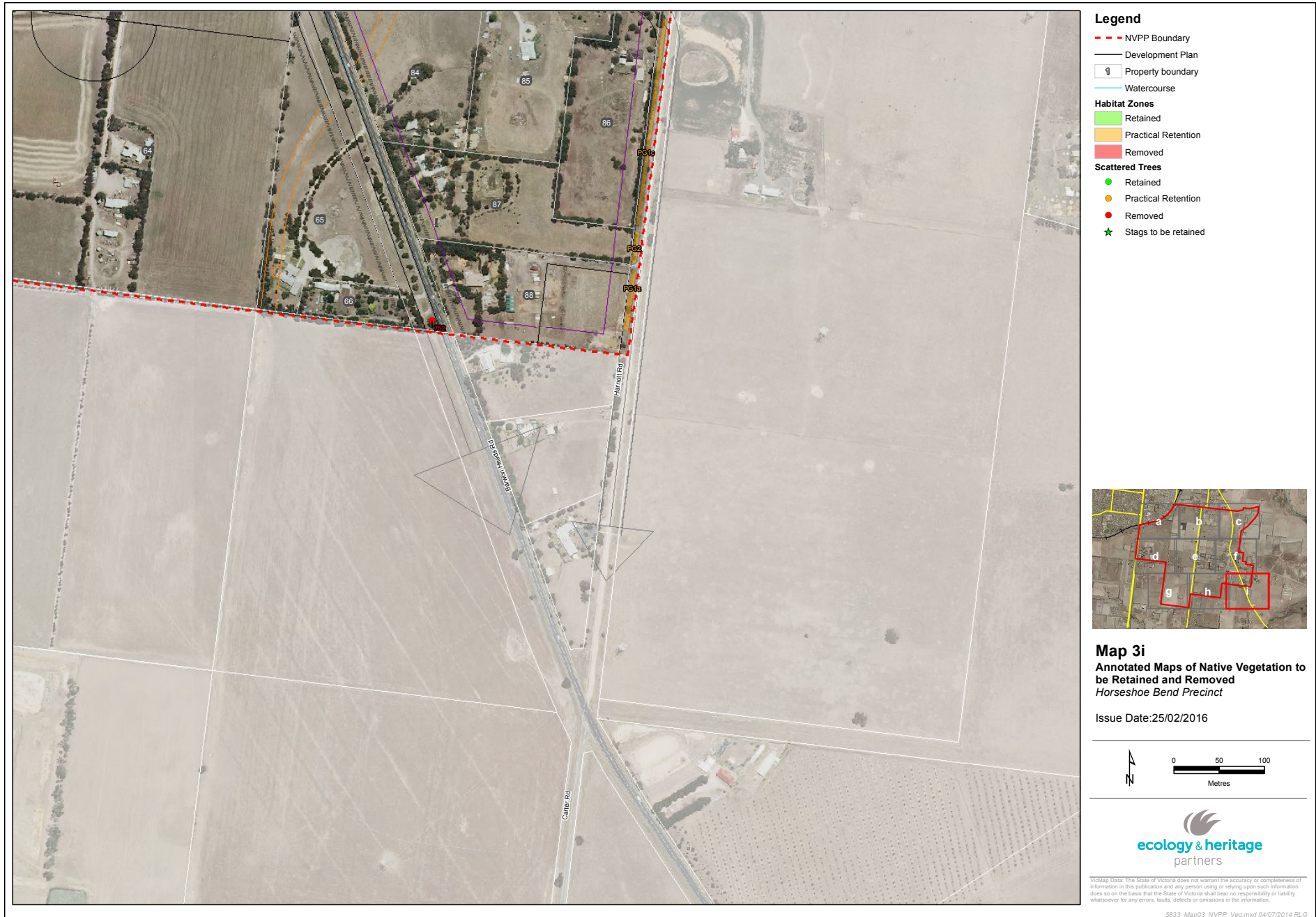




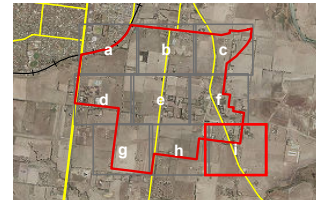






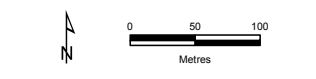


- Legend**
- - - NVPP Boundary
 - Development Plan
 - Property boundary
 - Watercourse
- Habitat Zones**
- Retained
 - Practical Retention
 - Removed
- Scattered Trees**
- Retained
 - Practical Retention
 - Removed
 - ★ Stags to be retained



Map 3i
Annotated Maps of Native Vegetation to be Retained and Removed
Horseshoe Bend Precinct

Issue Date: 25/02/2016



ViMap Data: The State of Victoria does not warrant the accuracy or completeness of information in the publication and any person using or relying upon such information does so on the basis that the State of Victoria shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.

5833_Map03_NVPP_Veg.mxd 04/07/2014_RLG