



VEGETATION MANAGEMENT PLAN

Prepared for: FPI Queensland Pty Ltd
Christensen Road South, Stapylton

ADDRESS: Christensen Road South, Stapylton

REAL PROPERTY DESCRIPTION: Lot 334 on SP193431

PREPARED FOR: FPI Queensland Pty Ltd

DATE PREPARED: July 2023



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1. Introduction

1.1. Background

This Vegetation Management Plan (VMP) has been produced by Gassman Development Perspectives in support of an Operational Works development application for proposed vegetation clearing works for construction of an underground sewer for Stage 2 of the Vantage Yatala Industrial Estate at Christensen Road South, Stapylton.

This VMP and related tree survey primarily occurred on land within over Lot 334 on SP193431, briefly intersecting Lot 504 on SP329485, Lot 37 on SP222486, Lot 100 on SP260810 and the Christensen Road road reserve. The site is directly adjacent to the Vantage Yatala Industrial Estate at Stapylton and Sandy Creek, a tributary of the Albert River. The industrial estate is largely cleared and has a number of businesses, factories and warehouse on Christensen Road South. (Refer Figure 1). The site is partly an access track on the rear boundary of factories and warehouses on Christensen Road South; on the southern side of the access track it shelves steeply in places to Sandy Creek. Within the subject site, woody vegetation is largely restricted to the riparian corridor of Sandy Creek.

Details of individual trees recorded on the subject site include the species, trunk diameter, height, canopy spread and fauna use. The positions of larger trees over 10cm diameter at breast height (DBH) or otherwise significant trees were recorded using a handheld Apple Ipad with GNSS. This information has been used for the best practice management strategies for managing clearing on the site. The records of these trees are included in Appendix 1 to this report

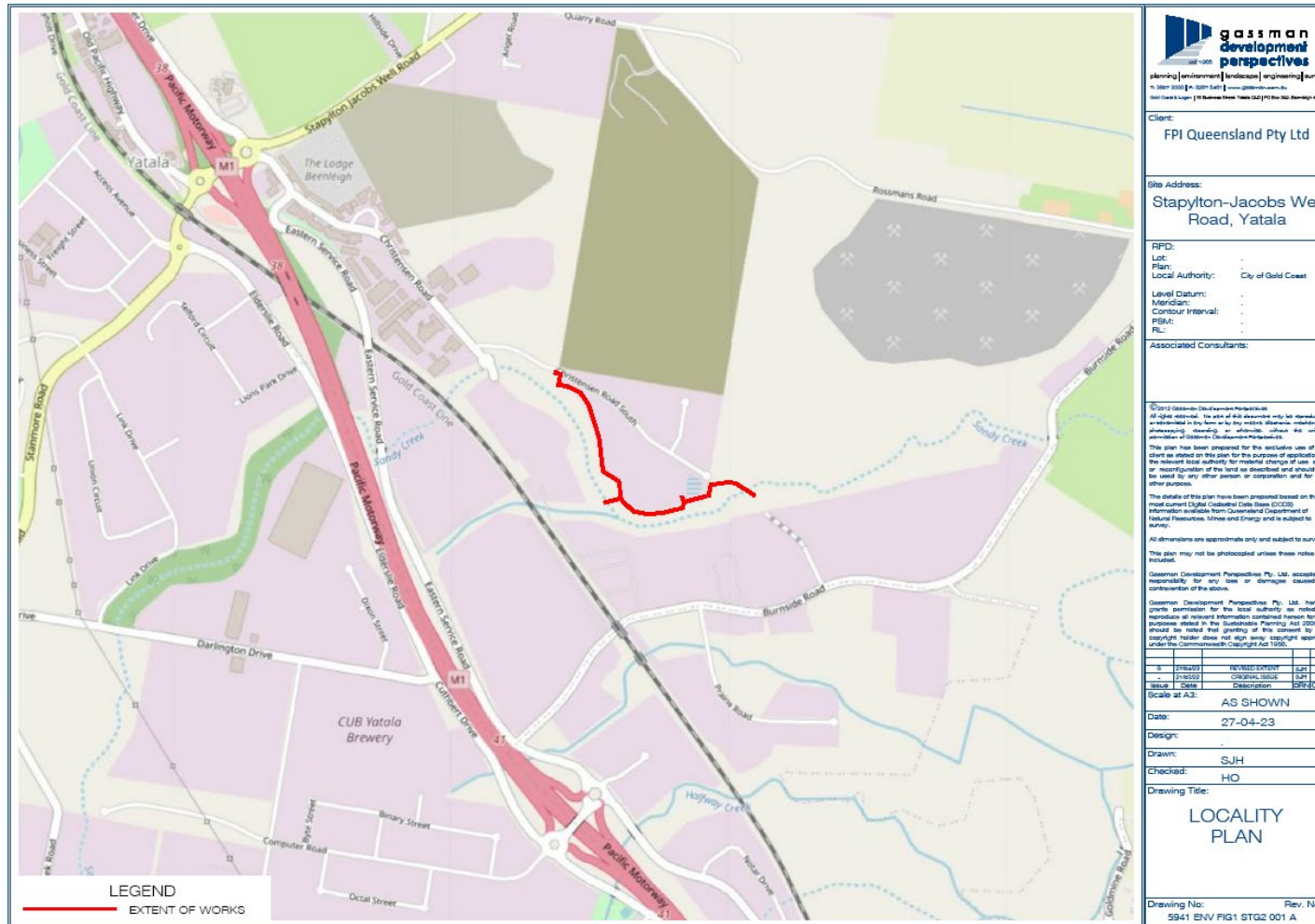


Figure 1. Locality Plan

1.2. Survey Methods

Vegetation within the sewer extent of works corridor was surveyed, with individual hand-held GPS points recorded using an Apple iPad in the following instances;

- For any tree greater than 4 metres in height, or
- For any trees over 10cm DBH at 1.4m from the ground, or
- For any trees containing habitat features (irrespective of DBH size).

Details of individual trees recorded on the subject site include the species, trunk diameter, height, canopy spread and fauna use. For multi-stemmed tree specimens, overall girth was based on the diameter at breast height of each stem.

The above sampling method is considered to have accurately detailed the native vegetation values present on the site, and is consistent with City of Gold Coast Council's City Plan definition of assessable vegetation.

This information has been used for the best practice management strategies for managing clearing on the site. The records of these trees and groups of vegetation are included in Appendix 1 to this report.

2. Purpose

The principle intention of this VMP is to appropriately reflect the current tree species on the site, their location, management and treatment in relation to removal, retention, protection, relocation, propagation and enhancement.

A total of 534 individual native trees and 42 non-native species were recorded within or immediately adjoining the proposed extent of works on the subject site. All vegetation within the proposed 'extent of works' area shown within Appendix 1, or directly adjacent to the boundary of the 'extent of works', is proposed to be removed for the purposes of this Vegetation Management Plan and associated application for Operational Works – Vegetation Clearing.

A description of all these tree species, including a plan showing their locations, is included in Appendix 1 to this report.

3. VMP Provisions

This VMP has been structured in a manner to incorporate the following provisions:

- The location and extents of the proposed areas of vegetation that will be removed, and vegetation that will be protected;
- Particulars of the vegetation occurring on site (Appendix 1);
- A statement of the reasons for the vegetation removal and associated factors;
- Details of procedures relating to the following;
 - Vegetation protection
 - Vegetation to be removed
 - Corrective action
 - Reuse of felled Vegetation
 - Stockpiles
 - Habitat Trees
 - Ecological role of the vegetation to be removed
 - Invasive weed species
 - Summary of performance indicators

4. VMP Objectives

The primary objectives of this VMP are as follows:

- To identify type and location of the site's existing individual trees and vegetation groups (refer to the Vegetation Survey Plan in Appendix 1);
- Identify any existing tree species and vegetation communities adjacent to the proposed clearance area intended for retention and protection;
- Identify tree species that may contain fauna;
- To identify and locate existing tree species required for removal;
- To provide a specific method of tree clearance that will minimise impact on the ecology and surrounding vegetation;
- To provide information for the protection of existing vegetation to be retained;
- To provide sustainable reuse methods for the felled vegetation; and
- To limit any possible erosion from vegetation clearing practices.

5. Reasons for Vegetation Removal

The vegetation present within the 'extent of works' area (shown in Appendix 1) requires removal for several reasons which include;

- To facilitate access for machinery;
- To facilitate required earthworks;
- To facilitate construction of the trunk gravity sewer line.

6. Guidelines for clearing

The vegetation shall be removed from the subject site with the following considerations:

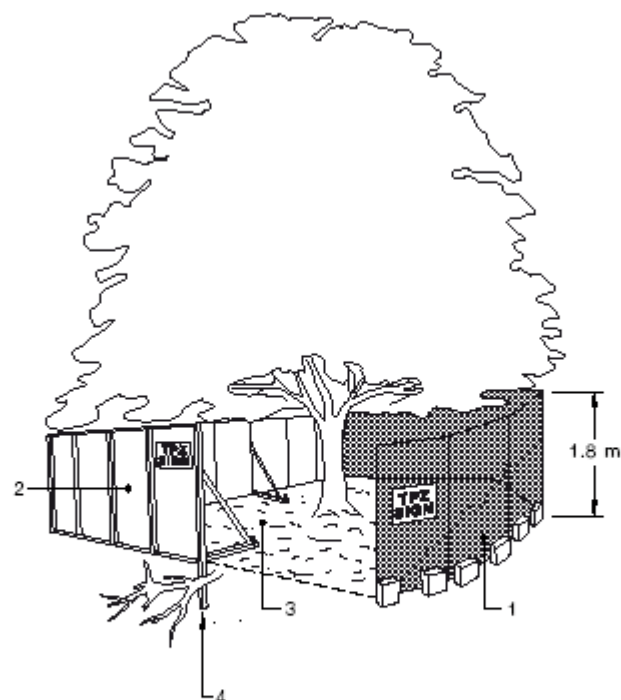
- 1) All machine operators conducting the tree clearing process are to have a copy of the approved VMP;
- 2) No site sheds, parking areas or structures are to be located within proximity to vegetation outside the clearance area or under its drip line;
- 3) The area surrounding the tree for removal is clear of any hazards and maintains adequate room to safely conduct the removal;
- 4) The vegetation removal process has focused on providing environmentally sensitive and sustainable practices including:
 - Fauna removal if required;
 - Hollow logs are retained for fauna habitat;
 - Hollow logs are carefully relocated to areas of retained habitat to provide habitat for fauna; and
 - Reuse of felled material for on-site use
- 5) The following activities are prohibited to occur within the vegetation protection zones or drip-lines of trees marked for retention:
 - Machinery or vehicle parking;
 - Disposal of liquids of any type;
 - Repairs or refuelling;
 - Earthworks;
 - Temporary sheds; and
 - Stockpiling (refer to section 7.3).

6.1. Vegetation Protection

Vegetation outside of the approved clearing extent must be identified and retained. The following measures identify methods for protection of vegetation outside of the approved clearing extent.

The Tree Protection Zone (TPZ) of retained trees, as shown in Appendix 1, is to be followed according to *AS2009:4970 Protection of trees on Development Sites – Section 4*.

Protected fencing as per *AS2009:4970 Protection of trees on Development Sites – Section 4, Figure 3* (Figure 1 below) to be installed surrounding retained trees listed in Appendix 1 at the calculated distance from the centre point of the trunk. Where this is not practicable a comparable method of protection should be used.



LEGEND:

- 1 Chain wire mesh panels with shade cloth (if required) attached, held in place with concrete feet.
- 2 Alternative plywood or wooden piling fence panels. This fencing material also prevents building materials or soil entering the TPZ.
- 3 Mulch installation across surface of TPZ (at the discretion of the project arborist). No excavation, construction activity, grade changes, surface treatment or storage of materials of any kind is permitted within the TPZ.
- 4 Bracing is permissible within the TPZ. Installation of supports should avoid damaging roots.

Figure 1 Protective Fencing

For clearing within the areas of existing vegetation it may not be practicable to install tree protection fencing. Branch and trunk protection as per *AS2009:4970 Protection of trees on Development Sites – Section 4, Figure 4* should be implemented as an alternative where appropriate.

Where the proposed encroachment is greater than 10% of the TPZ or inside the SRZ a project arborist will be required to attend.

Where variations to the TPZ must be made where encroachment is less than 10% of the area of the TPZ (and is outside the SRZ), detailed root investigations should not be required.

Orange barrier mesh tree protection fencing, or orange flagging, will be installed along the extent of limit of clearing works, to prevent any clearing of adjacent vegetation. In particular orange barrier mesh fencing between star pickets must be installed along the extent of vegetation clearing shown in Appendix 1.

All machine operators conducting the tree clearing process are to have a copy of the approved Tree Clearing Plan.

The following activities are prohibited to occur within the vegetation protection zones or drip-lines of retained vegetation:

- Machinery or vehicle parking;
- Disposal of liquids of any type;
- Disposal of rubbish;
- Repairs or refuelling;

6.2. Vegetation to be Removed

All vegetation within the proposed 'extent of works' area shown in Appendix 1, or directly adjacent to the 'extent of works', is proposed to be removed for the purposes of this Vegetation Management Plan and associated application for Operational Works – Vegetation Clearing. The individual trees and vegetation groups identified for removal are included in Appendix 1.

7. Tree Clearing Process

The manner by which the vegetation should be removed from the subject site is outlined in the following section:

- 1) A pre-start meeting with an environmental officer from City of Gold Coast Council prior to commencement shall be undertaken;
- 2) A pre-clearing survey will be conducted by a DES approved Fauna Spotter Catcher (FSC) according to details within the Fauna Management Plan (FMP);
- 3) The extent of clearing should be clearly marked using visible methods including survey stakes and GPS mapping should be available to clearing operators to reduce risk of unplanned clearing.
- 4) Vegetation Protection measures must be implemented to ensure retained vegetation is not cleared and is protected.
- 5) Fauna protection and mitigation measures must be implemented, including all general requirements and special considerations contained in the Fauna Management section of this report.
- 6) Clearing of koala habitat in SE Qld must be done in accordance with the *Nature Conservation (Koala Conservation) Plan 2017*.
- 7) Direction of clearing should be as per the Vegetation Management Plan and/or instructed by the Fauna Spotter Catcher.
 - Generally, the direction of clearing should always be toward areas of retained vegetation to provide dispersal opportunity for fauna and away from roads where practical, or in the direction specified by the spotter catcher supervising clearing.
 - The clearing should progress generally toward the least disturbed areas, beginning in more disturbed areas where possible.
- 8) Tree-felling grapple attachment must be used for the controlled felling of habitat trees to protect fauna.
 Additional techniques such as matressing or decelerated felling are recommended for large or brittle trees containing habitat or potential habitat for fauna. Based on the size and accessibility of the site, the specific technique employed is to be determined on site but must follow best practise to reduce injury or mortality to fauna.
- 9) Woodchip the felled vegetation on site which cannot be resold or reused as logs or relocated off-site to provide fauna habitat for displaced fauna.
- 6) If necessary, felled vegetation to be chipped, will be stockpiled temporarily on site, away from any retained vegetation, in accordance with section 7.3.
- 9) Stump grind remains or remove from ground with excavator.

7.1. Corrective Actions

If a retained tree shows signs of ill health, then the causes are to be identified and amelioration methods are to be discussed with council.

7.2. Reuse of Felled Vegetation

A number of fallen trees, tree hollows and logs of considerable size were identified on site and provide potential habitat for native species.



Figure 2: Large ground based hollow log for retention as fauna habitat.

Fallen trees, tree hollows and logs must be kept for use in retained areas.

Fallen trees, tree hollows and logs should be carefully relocated into areas of retained vegetation to provide habitat for fauna.

Large trees which produce usable logs should be sold where feasible. Any wood chipped vegetation should be reused on the site in any future landscape, and site stabilisation where appropriate. If a surplus of mulch is produced, it may be transported off site for alternative uses elsewhere.

7.3. Stockpiles

Stockpiles of felled vegetation should be managed with the following considerations:

- Stockpiles are not to be located within 30 metres from retained vegetation.
- Stockpiles are not to be located in areas allocated for road constructions.
- Stockpiles are not to be located in areas with difficult access or on steep slopes.
- Stockpiles are not to exceed 3000mm in height.
- Stockpiles left for longer than 10 hours are to be inspected by a spotter catcher prior to mulching

8. Vegetation summary

The survey methods described in subsection 1.2 describe the methods used to survey details of the vegetation on site for purposes of producing a Vegetation Management Plan. Details of this vegetation are contained in **Appendix 1**. The following section contains a summary of database searches for flora and vegetation communities conducted for the site to determine what may occur. The results are intended to summarise the database information and provide this information to Council and additional reporting and surveys may be required based on their assessment. There may be additional Federal and State considerations not here included under the Vegetation Summary beyond the scope of this report.

8.1. Database searches

A desktop flora assessment was undertaken using database searches to identify potential occurrences of Federal- and State-listed species and communities.

8.1.1. EPBC PMST search

A Protected Matters Search Tool search was conducted within a 5km radius of the subject site which lists all potential occurrences of EPBCA-listed threatened species and TECs.

It was noted that the EPBCA Protected Matters search indicated that a number of threatened flora species and Threatened Ecological Communities (TECs) (considered “*Matters of National Environmental Significance*”), may potentially occur within a 5km radius of the impact corridor. The results of these searches are included in **Appendix 3** to this report.

8.1.2. Wildnet search

The Department of Environment and Science (DES) Wildlife Online Database was also searched for NCA-listed species known to occur within a 5km radius of the subject site.

The DES Wildlife Online search (also within a 5km radius) indicated that state-listed threatened flora species may occur in the proximity of the subject site. The results of these searches are included in **Appendix 3** to this report.

8.1.3. Protected Plants under the Nature Conservation Act 1992

A flora survey trigger map high-risk area is identified within areas of the site. The flora survey requirement must be followed.

8.1.4. Regional ecosystems (Vegetation Management Act 1999)

Department of Resources Vegetation Management Property Report vegetation details for the subject site were sourced for state mapped vegetation.

At the time of application lodgement, the impact corridor is mapped as containing predominantly Category X vegetation (non-remnant vegetation), a small area of Category B (regulated vegetation) and a small area of Category C for the purposes of the Vegetation Management Act 1999. The site areas containing Category B vegetation are made up of Of Concern RE 12.3.11, Least Concern/Least Concern REs 12.11.5/12.11.24 (85/15%) and Category C Least Concern RE 12.3.6.

Works for these areas may be subject to State exemptions through the State Planning Regulations.

Of Concern 12.3.11

Eucalyptus tereticornis +/- *E. siderophloia* and *Corymbia intermedia* open forest to woodland. *Corymbia tessellaris*, *Lophostemon suaveolens* and *Melaleuca quinquenervia* frequently occur and often form a low tree layer. Other species present in scattered patches or low densities include *Angophora leiocarpa*, *E. exserta*, *E. grandis*, *E. latisinensis*, *E. tindaliae*, *E. racemosa* and *Melaleuca sieberi*. *Corymbia trachyphloia* and/or *C. citriodora* subsp. *Variegata* may dominate on areas of Pleistocene alluvia. *Eucalyptus seeana* may be present south of Landsborough and *Livistona decora* may occur in scattered patches or low densities in the Glenbar SF and Wongi SF areas. Occurs on Quaternary alluvial plains and drainage lines along coastal lowlands. Rainfall usually exceeds 1000mm/y. (BVG1M: 16c)

Special values: Potential habitat for NCA listed species: *Acronychia littoralis*, *Alectryon ramiflorus*, *Arthraxon hispidus*, *Cupaniopsis shirleyana*, *Eulophia bicallosa*, *Gossia gonoclada*, *Macrozamia lomandroides*, *Macrozamia pauli-guilielmi*, *Marsdenia coronata*, *Maundia triglochinosides*. This ecosystem is known to provide suitable habitat for koalas (*Phascolarctos cinereus*). 12.3.11a: Habitat for threatened fauna species including the Black-breasted Button-quail *Turnix melanogaster* (Aridis, Melzer and Hamley, 1998). This ecosystem is known to provide suitable habitat for koalas (*Phascolarctos cinereus*). 12.3.11b: This ecosystem is known to provide suitable habitat for koalas (*Phascolarctos cinereus*).

Least Concern RE 12.11.5/12.11.24

Least Concern RE 12.11.5

Corymbia citriodora subsp. *variegata* open forest to woodland, usually including *Eucalyptus siderophloia*/*E. crebra* (sub coastal ranges), *E. propinqua* and *E. acmenoides* or *E. carnea*. Other species that may be present and abundant locally include *Corymbia intermedia*, *C. trachyphloia* subsp. *trachyphloia*, *Eucalyptus tereticornis*, *E. microcorys*, *E. portuensis*, *E. helidonica*, *E. major*, *E. longirostrata*, *E. biturbinata*, *E. moluccana* and *Angophora leiocarpa*. *Lophostemon confertus* often present in gullies and as a sub-canopy or understorey tree. Mixed understorey of grasses, shrubs and ferns. Occurs on hills and ranges of Palaeozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics. (BVG1M: 10b)

Special values Habitat for listed plant species including *Cycas megacarpa* and *Sophora fraseri*. This ecosystem is known to provide suitable habitat for koalas (*Phascolarctos cinereus*). 12.11.5a: Habitat for listed flora species including *Sophora fraseri*. 12.11.5e: Habitat for listed flora species including *Cycas megacarpa* and *Sophora fraseri*. 12.11.5h: Habitat for listed flora species including *Sophora fraseri*. 12.11.5j: Habitat for listed flora species including *Sophora fraseri*. 12.11.5k: Habitat for listed flora species including *Sophora fraseri*.

Least Concern RE 12.11.24

Eucalyptus carnea or *E. tindaliae*, *Corymbia intermedia* woodland +/- *E. crebra* or *E. siderophloia*, *Eucalyptus resinifera*, *Eucalyptus major*, *E. helidonica*, *Angophora woodsiana*, *C. trachyphloia*, *E. microcorys*, *Corymbia citriodora* subsp. *Variegata*, *C. henryi*. Occurs on Palaeozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics usually at altitudes <300 metres. (BVG1M: 9g)

Special values: Potential habitat for NCA listed species: *Corchorus cunninghamii*, *Endiandra floydii* and *Eucalyptus curtisii*. This ecosystem is known to provide suitable habitat for koalas (*Phascolarctos cinereus*).

Category C Least Concern RE 12.3.6

Melaleuca quinquenervia +/- *Eucalyptus tereticornis*, *Lophostemon suaveolens*, *Corymbia intermedia* open forest to woodland with a grassy ground layer dominated by species such as *Imperata cylindrica*. *Eucalyptus tereticornis* may be present as an emergent layer. *Eucalyptus seeana* may also occur in this ecosystem to the south and east of Brisbane. Occurs on Quaternary floodplains and fringing drainage lines in coastal areas. (BVG1M: 22a)

Special values: Habitat for threatened fauna species including the wallum froglet *Crinia tinnula*. This ecosystem is known to provide suitable habitat for koalas (*Phascolarctos cinereus*).

The detailed technical descriptions outline information on each of these Regional Ecosystems vegetation communities including information about the upper, mid and ground stratum and can be found online at <https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/technical-descriptions#download>.

9. Fauna Inspection

At the time the vegetation survey took place, twenty (20) trees on the site were observed to contain potential fauna habitat features in the form of possible hollows, termite nests or bird nests, with at least 11 of these outside the extent of works and subject to retention or assessment by the arborist. A number of the trees (16) were noted to be stag (dead) trees containing potential habitat features did not at present contain confirmed fauna habitat.

A fauna spotter catcher (FSC) is required to be perform a survey one month prior to clearing works to identify and mark fauna habitat, assess suitability of habitat for occurrence of significant fauna, and provide a report containing identified habitat, identified or likely significant fauna and further recommendations on fauna management relevant to the site.

Further pre-clear surveys will be required prior to clearing to identify changes which may have occurred within the site, such as whether fauna has taken up residence subsequent to the initial fauna site survey.

On the day of clearing the FSC must be present to inspect the site within the clearance area prior to the commencement of works, and be present during all clearing works. The fauna spotter catcher should clearly mark trees with flagging tape or coloured spray paint which were observed to contain fauna. The machine operator is to follow instructions from the fauna spotter catcher regarding the method in which marked trees are felled. Clearing is not to commence until the fauna spotter has certified that the site has been fully inspected and any necessary fauna protection measures or relocation procedures implemented.

The spotter catcher should hold a current permit with the Department of Environment and Science (DES). Captured fauna should be relocated to nearby areas deemed appropriate by the spotter catcher and also follow the Fauna Management guidance, such as contained in this plan, prepared for these works.

A pre-start meeting is to be arranged with Council prior to the commencement of vegetation clearing. The fauna spotter catcher and consulting ecologist should be present during the pre-start meeting. The fauna spotter catcher will be present for all clearing works. Clearing of vegetation will follow the direction of the FSC at all times where necessary.

The fauna spotter catcher will submit a letter or report following the clearing, reporting on the details of any fauna rescued, relocated or otherwise.

9.1. Fauna Fencing

All fauna protection measures will be detailed in the fauna management plan. Fauna friendly fencing and/or exclusion fencing or other protection measures for fauna will be detailed.

10. Sediment Control

Erosion and sediment control onsite once the clearing process begins should include sediment fencing on the boundary of the clearance area adjoining the retained vegetation to reduce the risks of erosion and subsequent sediment entrainment impacting on adjacent retained vegetation, waterways and wetland areas in proximity to these works. These measures should be installed once clearing and reshaping of the site begin until completion and the site is re-stabilised.

Sediment and erosion control measures will be put in place in accordance with the Sediment and Erosion Control Plan included within the engineering plans to be submitted for the Operational Works.

11. Vegetation Clearing Performance Indicators

1. Tree removal was restricted to allocated and approved areas;
2. Trees that remain in protected areas are in a healthy condition;
3. The fauna spotter catcher was present for the removal of any habitat bearing vegetation;
4. Tree-felling grapples were used to removed trees containing fauna habitat or potential fauna habitat.
5. Koala habitat trees were assessed by fauna spotter catcher or person whose role and experience enables them to perform duties to spot for koala;
6. Fauna was relocated to suitable recommended locations;
7. No increased erosion or sediment loss occurred from site as a result of the tree clearing;
8. Waterways and wetland areas were protected from construction activities; and
9. Fallen trees and logs have been carefully relocated into areas of retained vegetation to provide habitat for fauna.
10. Vegetation wood-chipped and stockpiled for re-use on site or logs transported off site where appropriate.

12. Conclusion

The tree survey undertaken to support this VMP found 492 native trees (i.e. trees over 10cm in diameter at 1.3m from the ground). The survey also recorded 42 introduced or non-endemic trees. A map showing the larger individual trees identified for removal are included in Appendix 1.

239 trees are proposed for removal within the clearing extent area, of which 235 are native. A description of these tree species is included with the map showing their locations in Appendix 1 to this report. Tree Protection Zones have been provided in Appendix 1 to allow assessment by a project arborist of trees outside of the extent of works which may be impacted. A fauna spotter catcher is required to be present for the removal of trees observed to contain fauna values but should inspect the remainder of the vegetation immediately prior to clearing commences to ensure that no recent fauna movements place present fauna at risk of death or injury due to clearing activities. A koala spotter or FSC must be present for the clearing of koala habitat trees at all times.

Specific methodologies have been prescribed which are to be adhered to at all times during the clearing process to ensure that best practice is achieved at all times, and the ecological impacts of the proposed works are minimised as far as practicable.

The above specifications and management plans have been included with the graphic plans to provide the necessary information for Council officers to enable it to make a reasonable assessment of the proposed actions. This report has outlined procedures in relation to the vegetation management and clearing procedures to be undertaken as an operational works component for the construction of the necessary sewer infrastructure.

Appendix 1 – Vegetation Management Plan



Legend

- Clearing Extent
- Tree to be Removed
- Tree to be Retained



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Site Address:
Stapylton Jacobs Well
Road, Yatala

RPD:
Lot:
Plan:
Local Authority: Council of City of Gold Coast
Level Datum: MGA2020
Meridian:
Contour Interval:
PSM:
RL:

Assisted Consultants:
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The details of this plan have been prepared based on the most current Digital Cadastral Data Base (DCDB) information available from Queensland Department of Resources and is subject to survey.
All dimensions are approximate only and subject to survey.
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Issue	Date	Description	DRN	CHK
1	15/03/2023	Original Issue	HO	FG
3	26/07/2023	New Clearing Extent	JM	MG

Scale at A4: 1:750

Date: 26-07-2023

Design: JM

Drawn: -

Checked: MG

Our Ref: 5941

Drawing Title:

Stage 2 External
Sewer VMP

SHEET 1 OF 7

Drawing No:
5941 Stage 2 VMP 003

Revision No:
003





Legend

- Clearing Extent
- Tree to be Removed
- Tree to be Retained





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Client:

FPI Queensland Pty Ltd

Site Address:

Stapylton Jacobs Well
Road, Yatala

RPD:

Lot:

Plan:

Local Authority: Council of City of Gold Coast

Level Datum: MGA2020

Meridian:

Contour Interval:

PSM:

RL:

Assisted Consultants:

-

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Our Ref: 5941

Drawing Title:

Stage 2 External
Sewer VMP

SHEET 2 OF 7

Drawing No:
5941 Stage 2 VMP 003

Revision No:
003



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Design: JM

Drawn: -

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Our Ref: 5941

Drawing Title:

Stage 2 External
Sewer VMP

SHEET 3 OF 7

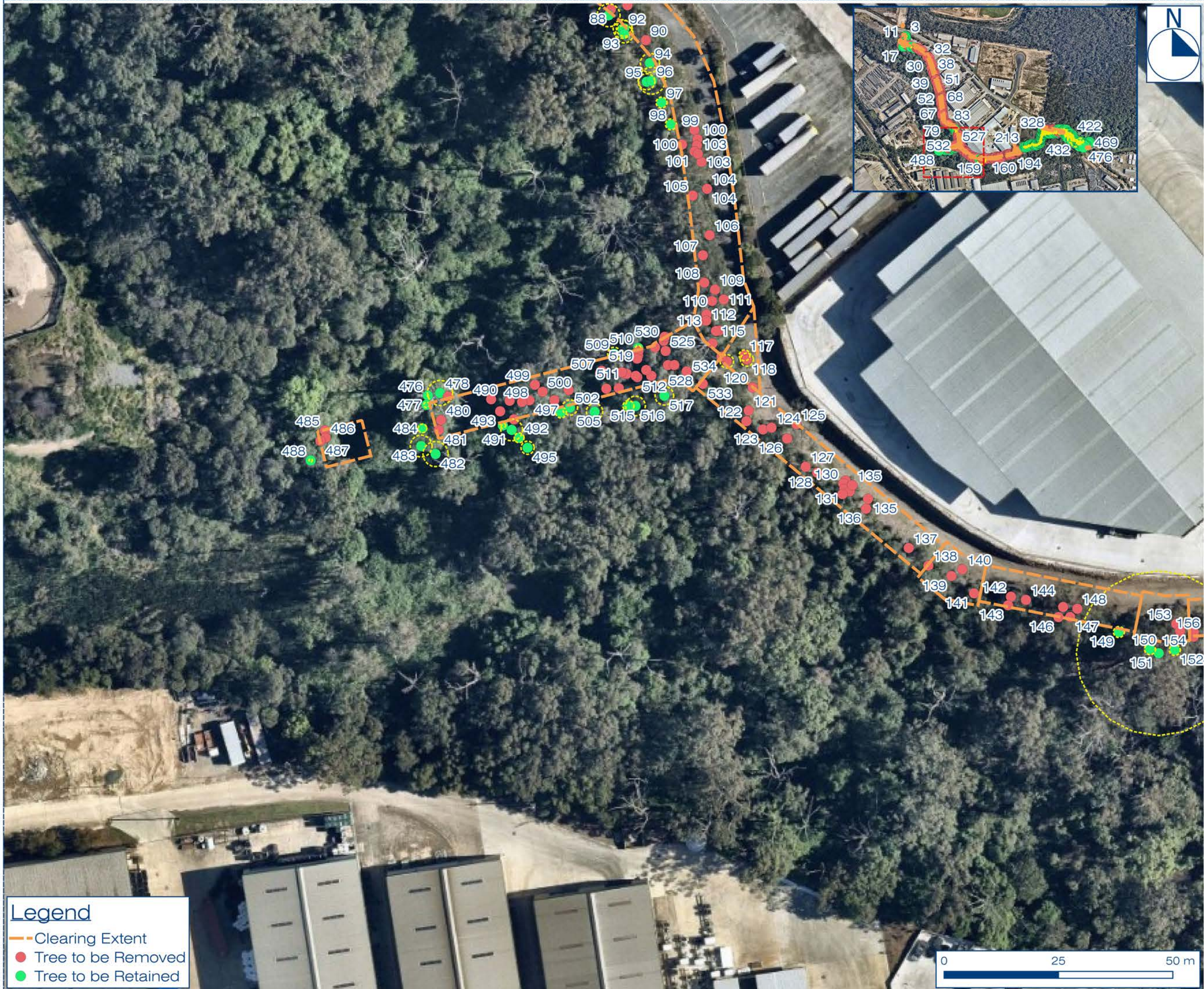
Drawing No:
5941 Stage 2 VMP 003

Revision No:
003

Legend

- - - Clearing Extent
- Tree to be Removed
- Tree to be Retained





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Our Ref: 5941

Drawing Title:
Stage 2 External
Sewer VMP

SHEET 4 OF 7

Drawing No:
5941 Stage 2 VMP 003

Revision No: 003

Legend

- - Clearing Extent
- Tree to be Removed
- Tree to be Retained





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Lot:
Plan:
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Drawing Title:

Stage 2 External
Sewer VMP

SHEET 5 OF 7

Drawing No:
5941 Stage 2 VMP 003

Revision No:
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Legend

- - Clearing Extent
- Tree to be Removed
- Tree to be Retained







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Drawing Title:

Stage 2 External
Sewer VMP

SHEET 6 OF 7

Drawing No:
5941 Stage 2 VMP 003

Revision No:
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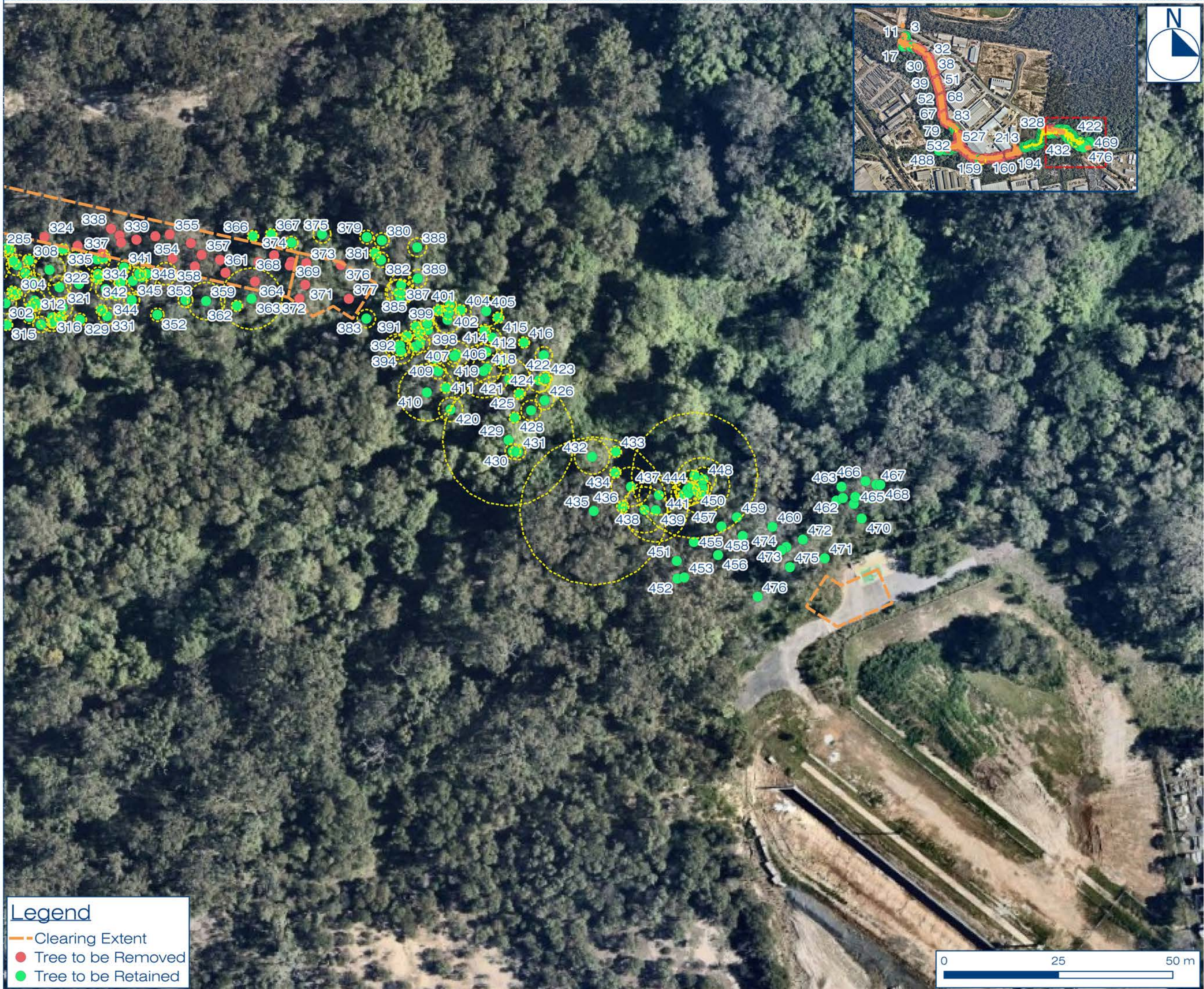
Legend

— Clearing Extent

● Tree to be Removed

● Tree to be Retained





Legend

Clearing Extent

Tree to be Removed

Tree to be Retained

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Design:

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Checked:

MG

Our Ref:

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Drawing Title:

Stage 2 External Sewer VMP

SHEET 7 OF 7

Drawing No:

5941 Stage 2 VMP 003

Revision No:

003

Appendix 2 – Vegetation Management Plan Table

Tree no.	Species	Native or Introduced	DBH (cm)	Height (m)	Canopy (m)	Habitat Values	Retention Status
1	<i>Angophora leiocarpa</i>	Native	21	13	5.3		Retained
2	<i>Eucalyptus siderophloia</i>	Native	1	5	4		Retained
3	<i>Corymbia intermedia</i>	Native	18	19	5		Retained
4	<i>Eucalyptus siderophloia</i>	Native	25	15	6		Retained
5	<i>Eucalyptus siderophloia</i>	Native	12	17.5	4		Retained
6	<i>Eucalyptus siderophloia</i>	Native	23	24	7.5		Retained
7	<i>Eucalyptus siderophloia</i>	Native	23	20.5	6		Retained
8	<i>Acacia sp.</i>	Native	1	1	1		Removed
9	<i>Eucalyptus siderophloia</i>	Native	21	16.5	4.5		Removed
10	<i>Eucalyptus siderophloia</i>	Native	16	20.5	5.5		Retained
11	<i>Eucalyptus siderophloia</i>	Native	14	15	4.3		Removed
12	<i>Corymbia intermedia</i>	Native	20.5	16	5		Retained
13	<i>Eucalyptus siderophloia</i>	Native	26	27	8.4		Retained
14	<i>Corymbia intermedia</i>	Native	18	17.5	7.79		Removed
15	<i>Allocasuarina littoralis</i>	Native	10	6.4	4.41		Removed
16	<i>Eucalyptus siderophloia</i>	Native	36	26.7	10.26		Removed
17	<i>Lophostemon confertus</i>	Native	14	10.6	2.34		Retained
18	<i>Eucalyptus siderophloia</i>	Native	24	16.9	0		Retained
19	<i>Allocasuarina littoralis</i>	Native	10	8.5	0		Removed
20	<i>Corymbia citriodora subsp. variegata</i>	Native	10	10	4.31		Removed
21	<i>Eucalyptus siderophloia</i>	Native	22.5	16.7	3.92		Retained
22	<i>Acacia leiocalyx</i>	Native	10	8.2	0		Retained
23	<i>Acacia leiocalyx</i>	Native	10	6.3	0	Dead	Retained

24	<i>Acacia leiocalyx</i>	Native	10	4.2	1.7		Removed
25	<i>Acacia leiocalyx</i>	Native	10	3.2	0		Removed
26	<i>Acacia leiocalyx</i>	Native	10	4.6	0		Removed
27	<i>Acacia leiocalyx</i>	Native	10	3.2	1.76		Removed
28	<i>Acacia leiocalyx</i>	Native	12	6.1	3.3		Removed
29	<i>Acacia leiocalyx</i>	Native	10	6.3	2.1		Removed
30	<i>Acacia leiocalyx</i>	Native	10	2.3	3.52		Removed
31	<i>Acacia leiocalyx</i>	Native	10	4.2	4		Removed
32	<i>Acacia leiocalyx</i>	Native	10	6.9	0		Removed
33	<i>Acacia concurrens</i>	Native	10	5.5	4.1		Removed
34	<i>Acacia leiocalyx</i>	Native	10	3.73	0		Removed
35	<i>Melaleuca quinquinervia</i>	Native	25	9	3.49	Multi-stemmed trunk	Removed
36	<i>Acacia concurrens</i>	Native	15	7.2	5.62		Removed
37	<i>Acacia concurrens</i>	Native	13	6.6	5.18		Removed
38	<i>Corymbia intermedia</i>	Native	10	5.1	0		Removed
39	<i>Melaleuca quinquinervia</i>	Native	10	7.2	2.3		Removed
40	<i>Acacia concurrens</i>	Native	16	7.1	4.83		Removed
41	<i>Acacia concurrens</i>	Native	13.5	7.1	0		Removed
43	<i>Eucalyptus siderophloia</i>	Native	12	16.2	2.71		Removed
44	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	11	5.2	0		Removed
45	<i>Corymbia intermedia</i>	Native	10	4.3	0		Removed
46	<i>Eucalyptus siderophloia</i>	Native	17	12.9	8.3		Removed
47	<i>Acacia concurrens</i>	Native	10	4.8	0		Removed
48	<i>Corymbia intermedia</i>	Native	10	5.7	0		Removed
49	<i>Eucalyptus siderophloia</i>	Native	10	8.3	3.72		Removed

50	<i>Eucalyptus siderophloia</i>	Native	25	17.04	6.4		Removed
51	<i>Eucalyptus siderophloia</i>	Native	17	20.3	5.39		Removed
52	<i>Acacia sp.</i>	Native	14	12.2	4.83		Removed
53	<i>Eucalyptus siderophloia</i>	Native	12	12.1	0		Removed
54	<i>Acacia disparrima subsp. disparrima</i>	Native	10	10.1	3.13		Removed
55	<i>Eucalyptus siderophloia</i>	Native	16.5	19.7	4.37		Removed
56	<i>Eucalyptus siderophloia</i>	Native	14.5	12.7	9.38		Removed
57	<i>Eucalyptus pilularis</i>	Native	38	24.33	8.9		Removed
58	<i>Eucalyptus siderophloia</i>	Native	10	12.3	3.42		Removed
59	<i>Eucalyptus pilularis</i>	Native	19.5	23.7	4.31		Removed
60	<i>Eucalyptus siderophloia</i>	Native	10	10	3.61		Removed
61	<i>Eucalyptus pilularis</i>	Native	13.5	12.3	8.36		Removed
62	<i>Eucalyptus pilularis</i>	Native	14.5	21.1	4.5		Removed
63	<i>Eucalyptus siderophloia</i>	Native	14	21.6	0		Removed
64	<i>Eucalyptus pilularis</i>	Native	26.5	22	7.1		Removed
65	<i>Eucalyptus siderophloia</i>	Native	15.5	6.2	10.7	Fallen tree. Moribund.	Removed
66	<i>Eucalyptus pilularis</i>	Native	18.5	22.89	6.43		Removed
67	<i>Acacia disparrima subsp. disparrima</i>	Native	12.5	6.1	2.04		Removed
68	<i>Eucalyptus pilularis</i>	Native	10	20.4	8.15		Removed
69	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	10	20.38	8.15		Removed
70	<i>Acacia disparrima subsp. disparrima</i>	Native	12.5	10.2	3.28	Dead stag	Removed
71	<i>Corymbia citriodora subsp. variegata</i>	Native	45	19.5	12.95		Removed
72	<i>Acacia disparrima subsp. disparrima</i>	Native	10	8	4.81		Removed
73	<i>Lophostemon suaveolens</i>	Native	15	8.3	4.18		Removed
74	<i>Lophostemon suaveolens</i>	Native	10	8.55	4.18		Removed

75	<i>Lophostemon suaveolens</i>	Native	16.5	13.8	0		Removed
76	<i>Eucalyptus pilularis</i>	Native	12	16	6.79		Removed
77	<i>Eucalyptus pilularis</i>	Native	13.5	11.3	8.36		Removed
78	<i>Lophostemon suaveolens</i>	Native	13	13.5	5.8		Removed
79	<i>Eucalyptus siderophloia</i>	Native	16.8	14.7	3.4		Removed
80	<i>Eucalyptus siderophloia</i>	Native	18.7	15.9	3.24		Removed
81	<i>Eucalyptus siderophloia</i>	Native	19.8	27.4	0		Removed
82	<i>Eucalyptus siderophloia</i>	Native	10	10.6	3.06		Removed
83	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	8.9	1.03	Dead stag	Removed
84	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	14.3	0		Removed
85	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	13.8	5.23		Removed
86	<i>Corymbia intermedia</i>	Native	10	11.1	2.72		Removed
87	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	14.87	8.13		Removed
88	<i>Melaleuca quinquinervia</i>	Native	10	10	10	False tree	Removed
88	<i>Melaleuca quinquinervia</i>	Native	21	11.1	3.77		Retained
89	<i>Commersonia bartramia</i>	Introduced	13.5	1	6.61		Removed
90	<i>Eucalyptus pilularis</i>	Native	15.6	11.16	3.2		Removed
91	<i>Acacia concurrens</i>	Native	17	8.8	5.5	Dead	Retained
92	<i>Acacia concurrens</i>	Native	14.5	11.1	2.4		Retained
93	<i>Lophostemon confertus</i>	Native	16.2	9.4	2.4	Tree	Retained
94	<i>Eucalyptus pilularis</i>	Native	17.6	18.3	4.31		Retained
95	<i>Eucalyptus pilularis</i>	Native	14.8	17.9	3.2		Retained
96	<i>Corymbia intermedia</i>	Native	24.7	15.1	3.66	Dead, multi-stemmed trunk	Retained
97	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	6.3	3.5		Retained
98	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	7.2	2.83		Retained

99	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	5.7	3.34		Removed
100	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	7.5	3.84		Removed
100	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	6.2	3.64		Removed
101	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	10.05	3.06		Removed
101	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	11.6	2.92		Removed
104	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	5.4	2.35		Removed
103	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	5	2.69		Removed
103	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	12.5	2.35		Removed
104	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	4.2	3.5		Removed
105	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	4.3	3.5		Removed
106	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	4.8	4.47		Removed
107	<i>Eucalyptus pilularis</i>	Native	22.5	15.1	5.82		Removed
108	<i>Eucalyptus pilularis</i>	Native	19.5	17.1	3.9		Removed
109	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	18.7	18.9	2.84		Removed
110	<i>Eucalyptus pilularis</i>	Native	19.8	15.5	6.35		Removed
111	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	9.82	3.81		Removed
112	<i>Eucalyptus pilularis</i>	Native	14.5	16.4	8.3		Removed
113	<i>Eucalyptus pilularis</i>	Native	19.7	17.3	6.3		Removed
114	<i>Alphitonia excelsa</i>	Native	10	11.02	3.71		Removed
115	<i>Alphitonia excelsa</i>	Native	13	11.12	2.45		Removed
116	<i>Eucalyptus pilularis</i>	Native	110	29.9	6.28	Significant hollows present - (multiple hollows present)	Removed
117	<i>Melaleuca quinquinervia</i>	Native	10	11.5	2.83		Removed
118	<i>Melaleuca quinquinervia</i>	Native	12	11.7	3	Multi-stemmed trunk	Removed
119	<i>Acacia leiocalyx</i>	Native	12.3	12.4	2.96		Removed
120	<i>Melaleuca quinquinervia</i>	Native	23.4	11.3	3.64	Multi-stemmed trunk	Removed

121	<i>Eucalyptus pilularis</i>	Native	21.3	20.4	5.06		Removed
122	<i>Eucalyptus pilularis</i>	Native	10	17.1	0.5		Removed
123	<i>Lophostemon suaveolens</i>	Native	11	20.3	4.65		Removed
124	<i>Callistemon salignus</i> (syn. <i>Melaleuca salicina</i>)	Native	10	11.5	2.21		Removed
125	<i>Eucalyptus pilularis</i>	Native	44.5	24.2	8.44		Removed
126	<i>Melaleuca quinquinervia</i>	Native	21	12.7	3.12	Multi-stemmed trunk	Removed
127	<i>Callistemon salignus</i> (syn. <i>Melaleuca salicina</i>)	Native	19.5	13.1	3.68		Removed
128	<i>Melaleuca quinquinervia</i>	Native	22	13.2	3.58		Removed
129	<i>Melaleuca quinquinervia</i>	Native	10	20.4	2.55		Removed
130	<i>Melaleuca quinquinervia</i>	Native	15.5	19.2	1.23	Multi-stemmed trunk	Removed
131	<i>Melaleuca quinquinervia</i>	Native	10	18.72	1.3		Removed
132	<i>Melaleuca quinquinervia</i>	Native	16	19.4	2.73	Multi-stemmed trunk	Removed
133	<i>Melaleuca quinquinervia</i>	Native	10	11.2	1.5		Removed
135	<i>Melaleuca quinquinervia</i>	Native	10	4.3	3.8		Removed
135	<i>Melaleuca quinquinervia</i>	Native	23	17.2	1.9	Multi-stemmed trunk	Removed
136	<i>Melaleuca quinquinervia</i>	Native	18.2	13.5	4.99	Multi-stemmed trunk	Removed
137	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	13.8	16.2	3.71		Removed
138	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	15.4	4.2		Removed
139	<i>Melaleuca quinquinervia</i>	Native	15	14.8	2.85	Multi-stemmed trunk	Removed
140	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12.5	19.84	3.12	Dead stag	Removed
141	<i>Corymbia intermedia</i>	Native	12	20.1	4.23		Removed
142	<i>Eucalyptus pilularis</i>	Native	11.5	18.7	2.3	Dead stag	Removed
143	<i>Eucalyptus pilularis</i>	Native	15.2	21.32	4.64		Removed
144	<i>Eucalyptus pilularis</i>	Native	10	19.8	4.28	Dead stag	Removed
145	<i>Eucalyptus pilularis</i>	Native	17.2	17.86	4.29	Multi-stemmed trunk	Removed

146	<i>Eucalyptus pilularis</i>	Native	19.5	19.2	6.7		Removed
147	<i>Eucalyptus pilularis</i>	Native	21.5	22	4.7		Removed
148	<i>Eucalyptus pilularis</i>	Native	33	23.2	8.9	Partially dead	Removed
149	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	5	3.2		Retained
150	<i>Eucalyptus siderophloia</i>	Native	10	16.72	3.3	Dead stag	Retained
151	<i>Eucalyptus pilularis</i>	Native	150	12.72	28.9		Retained
152	<i>Eucalyptus siderophloia</i>	Native	10	18.53	2.1		Retained
153	<i>Angophora leiocarpa</i>	Native	10	12.3	1.1		Removed
154	<i>Angophora leiocarpa</i>	Native	10	13.07	2.45		Removed
155	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	12.92	1.76		Removed
156	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	12.3	1.92		Removed
157	<i>Angophora leiocarpa</i>	Native	16.6	14.5	2.71		Removed
158	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	10.2	2.73		Removed
159	<i>Alphitonia excelsa</i>	Native	18.8	16.35	4.27		Removed
160	<i>Acacia concurrens</i>	Native	21	0	0	Fallen tree	Removed
161	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	11.2	12.2	2.13		Removed
162	<i>Lophostemon suaveolens</i>	Native	10	10.5	0.87		Removed
163	<i>Eucalyptus tereticornis</i>	Native	15.4	16.92	2.3	Fallen tree	Removed
164	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	12.07	5.4		Removed
165	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	14.2	6.7		Removed
166	<i>Lophostemon suaveolens</i>	Native	10	9.7	1.15		Removed
167	<i>Lophostemon suaveolens</i>	Native	10	7.5	1.23		Removed
168	<i>Lophostemon suaveolens</i>	Native	10	10.2	1.36		Removed
169	<i>Eucalyptus siderophloia</i>	Native	10	17.9	4.13		Removed
170	<i>Lophostemon suaveolens</i>	Native	10	17.6	4.82		Removed

171	<i>Eucalyptus pilularis</i>	Native	12	18.83	2.83		Removed
172	<i>Lophostemon suaveolens</i>	Native	10	9.8	2.36		Removed
173	<i>Melaleuca quinquinervia</i>	Native	10	8.7	2.32		Removed
174	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	16.3	3.41		Removed
175	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	15.7	1.1		Removed
176	<i>Alphitonia excelsa</i>	Native	13.5	17.2	4.13		Removed
177	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	15.7	2.27		Removed
178	<i>Lophostemon suaveolens</i>	Native	10	12.3	1.27		Removed
179	<i>Corymbia intermedia</i>	Native	10	9.6	2.27		Removed
180	<i>Lophostemon suaveolens</i>	Native	10	10.5	1.47		Removed
181	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	13.5	16.3	4.71		Removed
182	<i>Lophostemon suaveolens</i>	Native	10	16.2	1.11		Removed
183	<i>Alphitonia excelsa</i>	Native	10	14.2	3.82		Removed
184	<i>Lophostemon suaveolens</i>	Native	10	15.7	2.1		Removed
185	<i>Callistemon salignus</i> (syn. <i>Melaleuca salicina</i>)	Native	10	9.73	2.02		Removed
186	<i>Callistemon salignus</i> (syn. <i>Melaleuca salicina</i>)	Native	10	10.32	1.5		Removed
187	<i>Lophostemon suaveolens</i>	Native	10	6.2	0.3		Removed
188	<i>Eucalyptus siderophloia</i>	Native	10	10.3	1.4		Removed
189	<i>Eucalyptus tereticornis</i>	Native	10	9.3	1.14		Removed
190	<i>Eucalyptus siderophloia</i>	Native	10	15.2	0		Removed
191	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	12.3	2.58		Removed
192	<i>Eucalyptus siderophloia</i>	Native	10	9.98	1.4		Removed
193	<i>Alphitonia excelsa</i>	Native	10	13.2	4.98		Removed
194	<i>Eucalyptus siderophloia</i>	Native	10	16.8	2.6		Removed
195	<i>Eucalyptus pilularis</i>	Native	110	31.4	16.31	Hollows in limbs	Removed

196	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	16.3	2.21		Removed
197	<i>Lophostemon suaveolens</i>	Native	10	15.7	1.37		Removed
198	<i>Lophostemon suaveolens</i>	Native	10	9.51	1.02		Removed
199	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	17.46	2.74		Removed
200	<i>Lophostemon suaveolens</i>	Native	10	4.34	2.7		Removed
201	<i>Lophostemon suaveolens</i>	Native	10	9.3	1.17		Removed
202	<i>Alphitonia excelsa</i>	Native	10	11.45	2.43		Removed
203	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	11.72	1.4		Removed
204	<i>Lophostemon suaveolens</i>	Native	10	8.4	1.1		Removed
205	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	10.8	1.3		Removed
206	<i>Eucalyptus tereticornis</i>	Native	10	15.8	2.72		Removed
207	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12	13.5	3.7		Removed
208	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	9.3	2.12		Removed
209	<i>Lophostemon suaveolens</i>	Native	10	8.3	1.57		Removed
210	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	12.7	4.8		Removed
211	<i>Lophostemon suaveolens</i>	Native	10	7.4	3.1		Removed
212	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	13.2	3.7		Removed
213	<i>Eucalyptus tereticornis</i>	Native	12.5	14.7	5.2		Retained
214	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12.3	7.4	7.1		Retained
215	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	10	10.2	2.78		Retained
216	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	17.4	13.8	8.3		Retained
217	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12	8.2	4.9		Retained
218	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	15.2	11.4	6.8		Retained
219	<i>Acacia concurrens</i>	Native	13.4	12.8	4.3	Dead stag	Retained
220	<i>Eucalyptus siderophloia</i>	Native	10	12.2	2.46		Retained

221	<i>Acacia concurrens</i>	Native	10	9.8	2.37	Dead stag	Retained
222	<i>Acacia concurrens</i>	Native	19.5	8.4	6.2	Multi-stemmed trunk	Retained
223	<i>Lophostemon suaveolens</i>	Native	26	10.7	4.8	Multi-stemmed trunk	Retained
224	<i>Allocasuarina littoralis</i>	Native	10	11.1	3.8		Retained
225	<i>Acacia concurrens</i>	Native	15.7	7.4	6.8	Moribund tree	Retained
226	<i>Allocasuarina littoralis</i>	Native	11.5	11.3	6.4		Retained
227	<i>Acacia concurrens</i>	Native	10	12.4	3.6	Dead stag	Retained
228	<i>Lophostemon suaveolens</i>	Native	10	11.6	2.7		Retained
229	<i>Lophostemon suaveolens</i>	Native	10	6.43	0.9		Retained
230	<i>Lophostemon suaveolens</i>	Native	10	9.1	1.1		Retained
231	<i>Lophostemon suaveolens</i>	Native	18.9	13.4	2.6	Multi-stemmed trunk	Retained
232	<i>Lophostemon suaveolens</i>	Native	10	9.8	2.7		Retained
233	<i>Lophostemon suaveolens</i>	Native	10	11.4	2.8		Retained
234	<i>Lophostemon suaveolens</i>	Native	10	12.1	1.8		Retained
235	<i>Lophostemon suaveolens</i>	Native	10	7.2	1.6		Retained
236	<i>Allocasuarina littoralis</i>	Native	13.5	9.73	3.5		Retained
237	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	10	8.7	2.6		Retained
238	<i>Lophostemon suaveolens</i>	Native	13.4	10.2	3.4	Multi-stemmed trunk	Retained
240	<i>Allocasuarina littoralis</i>	Native	13.2	10.42	4.75		Retained
241	<i>Acacia concurrens</i>	Native	10	0	0	Fallen tree	Retained
242	<i>Lophostemon suaveolens</i>	Native	10	8.45	2.1		Retained
243	<i>Lophostemon suaveolens</i>	Native	10	11.2	2.1		Retained
244	<i>Lophostemon suaveolens</i>	Native	10	9.13	4.21		Retained
245	<i>Lophostemon suaveolens</i>	Native	10	11.2	4.8		Retained
246	<i>Melaleuca linariifolia</i>	Native	10	8.6	2.2		Retained

247	<i>Eucalyptus siderophloia</i>	Native	10	9.7	4.3		Retained
248	<i>Eucalyptus siderophloia</i>	Native	16.1	12.2	3.7		Retained
249	N/A	Introduced	0	0	0		Retained
250	<i>Eucalyptus siderophloia</i>	Native	44	21.2	6.38	Multi-stemmed trunk	Retained
251	<i>Lophostemon suaveolens</i>	Native	13.2	13.3	4.21		Retained
252	<i>Eucalyptus siderophloia</i>	Native	26.5	19.8	7.21		Retained
253	<i>Alphitonia excelsa</i>	Native	15.5	11.4	3.6		Retained
254	<i>Alphitonia excelsa</i>	Native	10	7.1	3.7		Retained
255	<i>Lophostemon suaveolens</i>	Native	22.3	19.2	4.1		Retained
256	<i>Eucalyptus tereticornis</i>	Native	23.2	23.6	6.27		Retained
257	<i>Alphitonia excelsa</i>	Native	10	11.6	3.2		Retained
258	<i>Lophostemon suaveolens</i>	Native	12.4	18.1	3.2		Retained
259	<i>Eucalyptus tereticornis</i>	Native	10	17.1	2.5		Retained
260	<i>Eucalyptus siderophloia</i>	Native	29.8	26.1	7.52		Retained
261	<i>Corymbia intermedia</i>	Native	36.5	28.3	11.76	Multi-stemmed trunk	Retained
262	<i>Lophostemon suaveolens</i>	Native	10	13.2	4.1		Retained
263	<i>Alphitonia excelsa</i>	Native	10	14.7	1.1		Retained
264	<i>Lophostemon suaveolens</i>	Native	10	15.2	3.34		Retained
265	<i>Lophostemon suaveolens</i>	Native	10	13.2	2.1		Retained
266	<i>Lophostemon suaveolens</i>	Native	10	22.7	4.1		Retained
267	<i>Eucalyptus siderophloia</i>	Native	37.2	29.6	9.82		Retained
268	<i>Lophostemon suaveolens</i>	Native	10	13.2	2.8		Retained
269	<i>Lophostemon suaveolens</i>	Native	24.5	9.8	2.2	Multi-stemmed trunk	Retained
270	<i>Lophostemon suaveolens</i>	Native	13	21.3	3.6		Retained
271	<i>Lophostemon suaveolens</i>	Native	14.2	16.3	2.27		Retained

272	<i>Eucalyptus siderophloia</i>	Native	15.7	14.6	3.21		Retained
273	<i>Lophostemon suaveolens</i>	Native	12	14.27	3.25		Retained
274	<i>Lophostemon suaveolens</i>	Native	14	13.64	2.7	Multi-stemmed trunk	Retained
275	<i>Lophostemon suaveolens</i>	Native	12.5	16.2	3.58		Retained
276	<i>Eucalyptus siderophloia</i>	Native	19.7	19.82	5.4		Retained
277	<i>Lophostemon suaveolens</i>	Native	10	11.2	1.2		Retained
278	<i>Lophostemon suaveolens</i>	Native	12.2	13.65	3.8		Retained
279	<i>Eucalyptus siderophloia</i>	Native	11.5	17.2	1.53		Retained
280	<i>Lophostemon suaveolens</i>	Native	11	13.7	0.76		Retained
281	<i>Lophostemon suaveolens</i>	Native	11	17.3	2.7		Retained
282	<i>Corymbia intermedia</i>	Native	10	16.32	1.8		Retained
283	<i>Melaleuca linariifolia</i>	Native	10	11.3	2.48		Retained
284	<i>Lophostemon suaveolens</i>	Native	11.3	16.3	1.8	Dead stag	Retained
285	<i>Lophostemon suaveolens</i>	Native	13.7	18.1	2.7		Retained
286	<i>Eucalyptus siderophloia</i>	Native	10	19.87	3.64		Retained
287	<i>Corymbia intermedia</i>	Native	32	21.29	8.5		Retained
288	<i>Lophostemon suaveolens</i>	Native	36	18.7	4.33	Multi-stemmed trunk	Retained
289	<i>Alphitonia excelsa</i>	Native	10	9.7	3.62		Retained
290	<i>Lophostemon suaveolens</i>	Native	10	7.1	3.31		Retained
291	<i>Lophostemon suaveolens</i>	Native	13.6	16.3	4.86		Retained
292	<i>Alphitonia excelsa</i>	Native	10	15.2	4.8		Retained
293	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	14.5	18.1	3.6		Retained
294	<i>Lophostemon suaveolens</i>	Native	18.5	20.03	7.24		Retained
295	<i>Lophostemon suaveolens</i>	Native	12.3	16.42	2.48		Retained
296	<i>Melaleuca quinquinervia</i>	Native	17.4	17.7	4.86		Retained

297	<i>Melaleuca quinquinervia</i>	Native	28	23.2	5.82	Multi-stemmed trunk	Retained
298	<i>Melaleuca quinquinervia</i>	Native	10	19.3	4.2		Retained
299	<i>Melaleuca quinquinervia</i>	Native	20	20.5	3.78	Stag (partially dead). Multi-stemmed trunk.	Retained
300	<i>Melaleuca quinquinervia</i>	Native	10	18.74	2.32		Retained
301	<i>Lophostemon suaveolens</i>	Native	11	19.8	1.7		Retained
302	<i>Corymbia intermedia</i>	Native	19.6	21.3	2.01		Retained
303	<i>Lophostemon suaveolens</i>	Native	11	17.2	3.64		Retained
304	<i>Melaleuca quinquinervia</i>	Native	10	15.61	3.4		Retained
305	<i>Eucalyptus siderophloia</i>	Native	10	14.82	4.5		Retained
306	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	19.2	21.87	4.32		Retained
307	<i>Lophostemon suaveolens</i>	Native	10	11.8	3.12		Retained
308	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	11	17.6	2.48		Retained
309	<i>Lophostemon suaveolens</i>	Native	11.5	16.8	3.4		Retained
310	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	16.7	24.2	4.3		Retained
311	<i>Lophostemon suaveolens</i>	Native	19.5	17.4	3.6	Multi-stemmed trunk	Retained
312	<i>Lophostemon suaveolens</i>	Native	11	17.6	2.4		Retained
313	<i>Melaleuca quinquinervia</i>	Native	10	16.3	1.13		Retained
314	<i>Melaleuca quinquinervia</i>	Native	12	17.1	3.3		Retained
315	<i>Lophostemon suaveolens</i>	Native	14.7	16.4	4.7		Retained
316	<i>Corymbia intermedia</i>	Native	25.3	22.7	8.4		Retained
317	<i>Lophostemon suaveolens</i>	Native	10	14.2	3.17	Dead tree. Covered in Parsonsia	Retained
318	<i>Melaleuca quinquinervia</i>	Native	13.5	16.3	5.1		Retained
319	<i>Lophostemon suaveolens</i>	Native	10	11.2	3.1		Retained
321	<i>Lophostemon suaveolens</i>	Native	17.8	16.1	4.8		Retained
322	<i>Eucalyptus tereticornis</i>	Native	20.6	24	2.1		Retained

323	<i>Corymbia intermedia</i>	Native	28.6	27.3	9.83		Retained
324	<i>Lophostemon suaveolens</i>	Native	12	14.3	4.7		Removed
325	<i>Eucalyptus siderophloia</i>	Native	10	11.3	2.1		Retained
326	<i>Lophostemon suaveolens</i>	Native	11	16.3	4.25	Multi-stemmed trunk	Removed
327	<i>Lophostemon suaveolens</i>	Native	14	17.6	4.3	Multi-stemmed trunk	Retained
328	<i>Lophostemon suaveolens</i>	Native	23.5	18.3	7.65	Multi-stemmed trunk	Retained
329	<i>Lophostemon suaveolens</i>	Native	11.5	19.7	1.44		Retained
330	<i>Lophostemon suaveolens</i>	Native	10	15.4	2.7		Retained
331	<i>Eucalyptus siderophloia</i>	Native	15.6	19.53	3.57		Retained
332	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	18.4	19.2	8.35		Retained
333	<i>Lophostemon suaveolens</i>	Native	10	15.8	4.94		Retained
334	<i>Lophostemon suaveolens</i>	Native	12.5	10.4	3.82		Retained
335	<i>Lophostemon suaveolens</i>	Native	23.6	12.2	2.14	Multi-stemmed trunk	Retained
336	<i>Lophostemon suaveolens</i>	Native	10	14.6	3.7		Retained
337	<i>Eucalyptus tereticornis</i>	Native	14.8	16.5	3.74		Removed
338	<i>Angophora leiocarpa</i>	Native	15.4	21.32	6.57		Removed
339	<i>Lophostemon suaveolens</i>	Native	12	14.9	2.12		Removed
340	<i>Lophostemon suaveolens</i>	Native	14.5	19.89	4.64		Removed
341	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12	18.04	3.73		Retained
342	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	11	21.4	6.27		Retained
343	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	11	13.2	2.6		Retained
344	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	14.3	22.46	8.96	Dead stag	Retained
345	<i>Eucalyptus siderophloia</i>	Native	25.4	19.85	2.64		Retained
346	<i>Eucalyptus tereticornis</i>	Native	27.6	21.3	5.78		Retained
347	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12	16.4	3.2		Retained

348	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	12.5	18.3	4.84		Retained
349	<i>Corymbia intermedia</i>	Native	10	16.4	2.7		Removed
350	<i>Lophostemon suaveolens</i>	Native	25.5	16.83	2.47	Multi-stemmed trunk	Removed
351	<i>Eucalyptus siderophloia</i>	Native	20.3	22.4	7.53	Dead stag	Retained
352	<i>Lophostemon suaveolens</i>	Native	12	13.6	3.3		Retained
353	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	13.3	18.4	3.86		Retained
354	<i>Eucalyptus siderophloia</i>	Native	27.7	23.1	8.94		Removed
355	<i>Eucalyptus tereticornis</i>	Native	18.8	20.27	4.8		Removed
356	<i>Lophostemon suaveolens</i>	Native	25.6	15.3	1.2	Multi-stemmed trunk	Removed
357	<i>Eucalyptus siderophloia</i>	Native	28.9	24.3	5.43		Removed
358	<i>Lophostemon suaveolens</i>	Native	23.6	16.6	2.8		Removed
359	<i>Acacia</i> sp.	Native	34.2	20.4	6.7	Multi-stemmed trunk	Retained
360	<i>Corymbia intermedia</i>	Native	11	14.8	1.2		Removed
361	<i>Lophostemon suaveolens</i>	Native	12	10.3	3.2		Removed
362	<i>Melaleuca quinquinervia</i>	Native	10	18.3	3.1		Retained
363	<i>Melaleuca quinquinervia</i>	Native	56	24.1	5.6		Retained
364	<i>Eucalyptus siderophloia</i>	Native	23.5	22.1	6.5		Removed
365	<i>Lophostemon suaveolens</i>	Native	19.4	16.1	3.4		Removed
366	<i>Lophostemon suaveolens</i>	Native	10	8.1	3.2	Fallen tree. Dead stag.	Retained
367	<i>Corymbia intermedia</i>	Native	10	13.1	2.3		Retained
368	<i>Lophostemon suaveolens</i>	Native	10	9.1	2.4		Removed
369	<i>Lophostemon suaveolens</i>	Native	13	19.3	3.7		Removed
370	<i>Lophostemon suaveolens</i>	Native	24.5	22.7	3.45		Removed
371	<i>Melaleuca quinquinervia</i>	Native	17.2	19.2	3.7		Removed
372	<i>Melaleuca quinquinervia</i>	Native	32	24.6	4.1	Multi-stemmed trunk	Removed

373	<i>Corymbia intermedia</i>	Native	29.4	16.4	5.8		Removed
374	<i>Corymbia intermedia</i>	Native	11.5	19.8	3.7		Retained
375	<i>Corymbia intermedia</i>	Native	16.1	18.7	4.8		Retained
376	<i>Melaleuca quinquinervia</i>	Native	38.9	22.1	5.8	Multi-stemmed trunk	Removed
377	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	16	7.2	1.1	Dead	Removed
379	<i>Melaleuca bracteata</i>	Native	12.5	10.1	3.7		Retained
380	<i>Melaleuca bracteata</i>	Native	13.5	11.2	1.3		Retained
381	<i>Melaleuca bracteata</i>	Native	10	8.4	5.67		Retained
382	<i>Melaleuca bracteata</i>	Native	14	18.2	4.1	Dead	Retained
383	<i>Ficus coronata</i>	Native	16.7	16.4	3.2		Retained
384	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	23.5	19.3	7.1		Retained
385	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	14.8	19.2	3.1		Retained
386	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	24	16.3	4.85	Multi-stemmed trunk	Retained
387	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	22	15.6	11.7	Multi-stemmed trunk	Retained
388	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	17	19.3	8.7		Retained
389	<i>Melaleuca bracteata</i>	Native	16.5	11.3	4.2	Multi-stemmed trunk. Leaning	Retained
390	<i>Melaleuca bracteata</i>	Native	10	15.3	4.2		Retained
391	<i>Melaleuca bracteata</i>	Native	10	13.6	5.2		Retained
392	<i>Melaleuca quinquinervia</i>	Native	18.7	23.7	3.2		Retained
393	<i>Melaleuca quinquinervia</i>	Native	23.2	21.7	3.1	Multi-stemmed trunk	Retained
394	<i>Melaleuca quinquinervia</i>	Native	22	19.86	3.71		Retained
395	<i>Melaleuca quinquinervia</i>	Native	15	17.3	1.45		Retained
396	<i>Eucalyptus tereticornis</i>	Native	17.7	21.2	3.76		Retained
397	<i>Melaleuca quinquinervia</i>	Native	10	17.9	6.13		Retained
398	<i>Lophostemon suaveolens</i>	Native	18.5	19.8	3.2	Multi-stemmed trunk	Retained

399	<i>Melaleuca quinquinervia</i>	Native	12.3	17.3	2.78		Retained
400	<i>Lophostemon suaveolens</i>	Native	10	16.2	4.3		Retained
401	<i>Euroschinus falcatus</i>	Native	12	14.3	5.2		Retained
402	<i>Melaleuca quinquinervia</i>	Native	13.5	16.1	3.3		Retained
403	<i>Lophostemon suaveolens</i>	Native	24.5	16.1	2.4		Retained
404	<i>Lophostemon suaveolens</i>	Native	10	11.2	3.1		Retained
405	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	28.5	21.3	5.4		Retained
406	<i>Lophostemon suaveolens</i>	Native	23.5	22.7	4.3		Retained
407	<i>Cinnamomum camphora</i>	Introduced	13	23.1	4.9		Retained
408	<i>Lophostemon suaveolens</i>	Native	13.5	18.3	4.27		Retained
409	<i>Euroschinus falcatus</i>	Native	14.5	18.5	4.75		Retained
410	<i>Melaleuca quinquinervia</i>	Native	52	23.1	8.7		Retained
411	<i>Ficus coronata</i>	Native	10	11.2	3.5		Retained
412	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	19	22.2	4.8	Dead stag	Retained
413	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	11	18.3	4.3		Retained
414	<i>Lophostemon suaveolens</i>	Native	16.5	19.8	2.7		Retained
415	<i>Cinnamomum camphora</i>	Introduced	10	7.3	5.6		Retained
416	<i>Lophostemon suaveolens</i>	Native	10	18.3	4.2		Retained
417	<i>Lophostemon suaveolens</i>	Native	13.5	22.1	3.7		Retained
418	<i>Lophostemon suaveolens</i>	Native	27	18.4	3.67		Retained
419	<i>Lophostemon suaveolens</i>	Native	49	20.3	4.9	Multi-stemmed trunk	Retained
420	<i>Ficus coronata</i>	Native	22	12.3	3.87		Retained
421	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	Native	38	23.04	9.3		Retained
422	<i>Lophostemon suaveolens</i>	Native	15.6	18.6	4.23		Retained
423	<i>Ficus coronata</i>	Native	12	8.2	3.8		Retained

424	<i>Lophostemon suaveolens</i>	Native	21	14.2	5.3		Retained
425	<i>Cinnamomum camphora</i>	Introduced	10	16.3	4.8		Retained
426	<i>Ficus coronata</i>	Native	17	12.3	3.48	Multi-stemmed trunk	Retained
427	<i>Ficus coronata</i>	Native	18.5	16.5	4.96		Retained
428	<i>Ficus coronata</i>	Native	10	9.2	2.86		Retained
429	<i>Melaleuca quinquinervia</i>	Native	120	21.02	8.7	Multi-stemmed trunk	Retained
430	<i>Lophostemon suaveolens</i>	Native	14	19.3	6.7		Retained
431	<i>Lophostemon suaveolens</i>	Native	14	14.2	6.7		Retained
432	<i>Lophostemon suaveolens</i>	Native	32	19.8	8.45		Retained
433	<i>Ficus coronata</i>	Native	10	6.3	4.9		Retained
434	<i>Ficus coronata</i>	Native	10	8.3	4.25		Retained
435	<i>Eucalyptus tereticornis</i>	Native	135	38.2	19.98		Retained
436	<i>Ficus coronata</i>	Native	11	17.3	4.9	Dead stag	Retained
437	<i>Ficus coronata</i>	Native	36	11.2	8.7		Retained
438	<i>Cinnamomum camphora</i>	Introduced	42	25.1	8.2		Retained
439	<i>Melaleuca quinquinervia</i>	Native	58	24.01	9.23	Dead stag. Habitat tree. Hollows. Multi-stemmed trunk	Retained
440	<i>Melaleuca quinquinervia</i>	Native	36.4	23.2	6.51		Retained
441	<i>Melaleuca quinquinervia</i>	Native	24	19.8	11.23		Retained
442	<i>Melaleuca quinquinervia</i>	Native	21	20.09	3.2		Retained
443	<i>Melaleuca quinquinervia</i>	Native	22.5	20.13	4.7		Retained
444	<i>Cinnamomum camphora</i>	Introduced	31	18.3	4.4	Multi-stemmed trunk	Retained
445	<i>Cinnamomum camphora</i>	Introduced	115	22.5	8.74	Multi-stemmed trunk	Retained
446	<i>Cinnamomum camphora</i>	Introduced	51	17.3	4.1		Retained
447	<i>Cinnamomum camphora</i>	Introduced	17	17.2	2.8		Retained
448	<i>Cinnamomum camphora</i>	Introduced	22	11.1	3.75	Leaning	Retained

449	N/A	Introduced	0	0	0		Retained
450	N/A	Introduced	0	0	0		Retained
451	N/A	Introduced	0	0	0		Retained
452	N/A	Introduced	0	0	0		Retained
453	N/A	Introduced	0	0	0		Retained
455	N/A	Introduced	0	0	0		Retained
456	N/A	Introduced	0	0	0		Retained
457	N/A	Introduced	0	0	0		Retained
458	N/A	Introduced	0	0	0		Retained
459	N/A	Introduced	0	0	0		Retained
460	N/A	Introduced	0	0	0		Retained
461	N/A	Introduced	0	0	0		Retained
462	N/A	Introduced	0	0	0		Retained
463	N/A	Introduced	0	0	0		Retained
464	N/A	Introduced	0	0	0		Retained
465	N/A	Introduced	0	0	0		Retained
466	N/A	Introduced	0	0	0		Retained
467	N/A	Introduced	0	0	0		Retained
468	N/A	Introduced	0	0	0		Retained
469	N/A	Introduced	0	0	0		Retained
470	N/A	Introduced	0	0	0		Retained
471	N/A	Introduced	0	0	0		Retained
472	N/A	Introduced	0	0	0		Retained
473	N/A	Introduced	0	0	0		Retained
474	N/A	Introduced	0	0	0		Retained

475	N/A	Introduced	0	0	0		Retained
476	N/A	Introduced	0	0	0		Retained
476	Stag (dead tree)	Native	1.2	30	0	Significant hollows present	Retained
477	<i>Corymbia intermedia</i>	Native	5	12	6		Retained
478	<i>Indeterminate species</i>	Introduced	23	12	8		Retained
479	<i>Lophostemon suaveolens</i>	Native	13	9	5		Removed
480	<i>Indeterminate species</i>	Introduced	25	15	10	Field Species 1	Removed
481	<i>Lophostemon suaveolens</i>	Native	10	7	4		Removed
482	<i>Acacia sp.</i>	Native	23	13	7		Retained
483	<i>Alphitonia excelsa</i>	Native	20	13	8		Retained
484	<i>Lophostemon suaveolens</i>	Native	8	8	4		Retained
485	<i>Cinnamomum camphora</i>	Introduced	10	10	6		Removed
486	<i>Cinnamomum camphora</i>	Introduced	15	11	6		Removed
487	<i>Alphitonia excelsa</i>	Native	7	12	4		Removed
488	<i>Lophostemon suaveolens</i>	Native	3	5	1		Retained
489	<i>Lophostemon suaveolens</i>	Native	14	10	5		Removed
490	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	12	10	4		Removed
491	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	20	11	7		Retained
492	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	9	10	4		Retained
493	<i>Lophostemon confertus</i>	Native	27	17	8		Removed
494	<i>Alphitonia excelsa</i>	Native	5	8	4		Retained
495	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	12	15	8		Retained
496	<i>Lophostemon confertus</i>	Native	24	17	8		Removed
497	<i>Lophostemon confertus</i>	Native	5	10	3		Removed
498	<i>Corymbia intermedia</i>	Native	28	14	6		Removed

499	<i>Lophostemon confertus</i>	Native	18	17	6		Removed
500	<i>Indeterminate native species</i>	Native	11	14	7	Field Species 3	Removed
501	<i>Lophostemon confertus</i>	Native	10	15	5		Retained
502	<i>Corymbia citriodora subsp. variegata</i>	Native	14	13	6		Retained
503	<i>Lophostemon suaveolens</i>	Native	10	8	6		Removed
504	<i>Eucalyptus pilularis</i>	Native	29	19	10		Removed
505	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	15	15	8		Retained
506	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	8	3		Removed
507	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	9	9	5		Removed
508	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	15	7	6		Removed
509	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	12	8	3		Retained
510	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	8	3		Retained
511	<i>Eucalyptus pilularis</i>	Native	30	20	6		Removed
512	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	5	1		Removed
513	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	8	6	4		Removed
514	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	9	13	6		Removed
515	<i>Acacia sp.</i>	Native	10	16	5		Retained
516	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	18	12	6	Multi-stemmed trunk	Retained
517	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	17	13	7	Multi-stemmed trunk	Retained
518	<i>Alphitonia excelsa</i>	Native	20	15	9		Removed
519	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	4	4		Removed
520	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	10	3		Removed
521	<i>Eucalyptus pilularis</i>	Native	28	22	11	Arboreal termite nest (hollow present), Birds Nest	Removed
522	<i>Lophostemon suaveolens</i>	Native	10	10	5		Removed
523	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	6	5		Removed

524	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	7	6	2		Removed
525	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	4	4	2		Removed
526	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	5	3		Removed
527	<i>Eucalyptus pilularis</i>	Native	13	17	4		Removed
528	<i>Eucalyptus pilularis</i>	Native	16	18	5		Removed
529	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	15	10	5	Multi-stemmed trunk	Removed
530	<i>Eucalyptus pilularis</i>	Native	14	15	5		Removed
531	<i>Eucalyptus pilularis</i>	Native	18	18	7		Removed
532	<i>Eucalyptus pilularis</i>	Native	20	17	6		Removed
533	<i>Callistemon salignus (syn. Melaleuca salicina)</i>	Native	5	5	2		Removed
534	<i>Eucalyptus pilularis</i>	Native	5	8	2		Removed

Appendix 2 - COGC Vegetation Management Code Response

City Plan code template

This code template supports the preparation of a development application against either the acceptable outcome(s) or performance outcome(s) contained in the code. Development assessment rules are outlined in **Section 5.3.3** of the City Plan.

Please note:

For assessment against the overall outcomes, refer to the appropriate code.

Note: The whole of the planning scheme is identified as the assessment benchmark for impact assessable development. This specifically includes assessment of impact assessable development against this strategic framework. The strategic framework may contain intentions and requirements that are additional to and not necessarily repeated in zone, overlay or other codes. In particular, the performance outcomes in zone codes address only a limited number of aspects, predominantly related to built form. Development that is impact assessable must also be assessed against the overall outcomes of the code as well as the strategic framework.

9.4.14 Vegetation management code

9.4.14.1 Application

This code applies to assessing material change of use, reconfiguring a lot or operational work for development where indicated within **Part 5 Tables of assessment**.

When using this code, reference should be made to **Section 5.3.2** and, where applicable, **Section 5.3.3**, in **Part 5**.

The requirements for accepted development in Part A of this code provide guidance on what is considered acceptable damage to assessable vegetation before it becomes assessable development. Each required outcome in Part A will apply to a particular circumstance. The table below outlines the applicable provision relating to the type of damage.

Damage type	Provision(s)
Vegetation close to property boundaries	RO1 – RO2
Vegetation close to buildings	RO3
Vegetation close to pool fencing	RO4
Pest species vegetation	RO5
Threatening vegetation	RO6
Damage to vegetation for fire safety	RO7
Damage on agricultural land	RO8
Vegetation maintenance	RO9

Damage type	Provision(s)
All damage not described in the required outcomes	PO1
Note: The required outcomes in Part A of this code will not apply to vegetation that is identified under a vegetation protection order or planted as an approved landscape plan or condition of approval. Note: For general guidance on pruning and managing the growth of vegetation refer to AS4373–2007 <i>Pruning of amenity trees</i>. Note: Vegetation clearing must not result in harm to native wildlife. Where native wildlife is present it is recommended that a licensed wildlife spotter/catcher be employed to oversee works.	

9.4.14.2 Purpose

- (1) The purpose of the Vegetation management code is to provide for the protection and management of assessable vegetation.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Vegetation of environmental, historical, cultural, visual and character significance is retained.
 - (b) Vegetation is retained to provide habitats for threatened flora and fauna, prevent erosion and ensure slope stabilisation.
 - (c) Damage to assessable vegetation is only undertaken if it directly obstructs approved development or is a threat to persons or property.
 - (d) Vegetation management plans are prepared for development which has the potential to cause damage to vegetation.
 - (e) Any potential damage caused to vegetation by development is extensively investigated and mitigated.

9.4.14.3 Specific benchmarks for assessment

Table 9.4.14-2: Vegetation management code – for assessable development

Performance outcomes	Acceptable outcomes	Does the proposal meet the acceptable outcome? If not, justify how the proposal meets <u>either</u> the performance outcome or overall outcome	Internal use
Vegetation management plan			
PO1 Damage to assessable vegetation does not occur where the vegetation: (a) provides habitats for threatened flora and fauna; (b) is of historical, cultural or visual significance; (c) provides erosion prevention and slope stabilisation; (d) is necessary to maintain the	AO1 A Vegetation Management Plan, prepared by a suitably qualified person, is submitted as part of an Operational Work (Vegetation Clearing) application to show compliance with the Performance outcome. This plan includes, but is not limited to: (a) the location of the existing or approved dwellings, building or structures;	Complies with AO1 – A Vegetation Management Plan has been prepared by a suitably qualified person and submitted with the application.	

Performance outcomes	Acceptable outcomes	Does the proposal meet the acceptable outcome? If not, justify how the proposal meets <u>either</u> the performance outcome or overall outcome	Internal use
character of the local area; or (e) assists in the conservation of the city's biodiversity. Note: A Vegetation Management Plan, prepared in accordance with SC6.8 City Plan policy – Environmental management plans is the Council's preferred method of addressing this performance outcome.	(b) the location of waterways, ridge tops and steep slopes (greater than 25%) on and adjacent to the site; (c) the location of the assessable vegetation to which the damage is proposed, and reasonable particulars of its vegetation type, including species, height and girth and whether it is: • habitat for threatened flora and fauna; • of historical, cultural, character or visual significance; • essential for erosion prevention and slope stabilisation, including within waterway buffers; • significant to the conservation of the city's biodiversity; • vegetation that contributes to waterway and wetland health. (d) a statement of the reasons for the damage and any relevant factors associated with the purpose of the proposed damage; (e) particulars of how vegetation to be retained will be protected during works in accordance with <i>AS4970-2009 Protection of trees on development sites</i>; (f) particulars of how the vegetation is to be damaged and, if relevant, how the damaged material is to be removed or disposed of; (g) a plan indicating the location, size and species of replacement vegetation to compensate for the		

Performance outcomes	Acceptable outcomes	Does the proposal meet the acceptable outcome? If not, justify how the proposal meets <u>either</u> the performance outcome or overall outcome	Internal use
	loss of damaged vegetation; and (h) a staging plan for clearing greater than 4ha of vegetation. Note: To remove a single tree on residential premises only a basic Vegetation Management Plan is required to be submitted to Council. The Vegetation Management Plan can be prepared by the property owner and may only require limited details about the above elements. Guidance on the content of a Vegetation Management Plan can be found in SC6.8 City Plan policy – Environmental management plans.		

Appendix 3 – Database Searches



Australian Government

Department of Climate Change, Energy,
the Environment and Water

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected. Please see the caveat for interpretation of information provided here.

Report created: 12-Jan-2023

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Summary

Matters of National Environment Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance (Ramsar	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	6
Listed Threatened Species:	86
Listed Migratory Species:	45

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <https://www.dcceew.gov.au/parks-heritage/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Lands:	None
Commonwealth Heritage Places:	None
Listed Marine Species:	49
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None
Habitat Critical to the Survival of Marine Turtles:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have

State and Territory Reserves:	None
Regional Forest Agreements:	None
Nationally Important Wetlands:	None
EPBC Act Referrals:	17
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	None
Geological and Bioregional Assessments:	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar Wetlands)		[Resource Information]
Ramsar Site Name	Proximity	Buffer Status
Moreton bay	Within 10km of Ramsar site	In feature area

Listed Threatened Ecological Communities	[Resource Information]
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For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Status of Vulnerable, Disallowed and Ineligible are not MNES under the EPBC Act.

Community Name	Threatened Category	Presence Text	Buffer Status
Coastal Swamp Oak (Casuarina glauca) Forest of New South Wales and South East Queensland ecological community	Endangered	Community likely to occur within area	In feature area
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community likely to occur within area	In feature area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area	In feature area
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	Community likely to occur within area	In buffer area only
Subtropical eucalypt floodplain forest and woodland of the New South Wales North Coast and South East Queensland bioregions	Endangered	Community likely to occur within area	In feature area
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community may occur within area	In buffer area only

Listed Threatened Species	[Resource Information]
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Status of Conservation Dependent and Extinct are not MNES under the EPBC Act.

Number is the current name ID.

Scientific Name	Threatened Category	Presence Text	Buffer Status
BIRD			
Anthochaera phrygia			
Regent Honeyeater [82338]	Critically Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Calyptorhynchus lathami lathami South-eastern Glossy Black-Cockatoo [67036]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Cyclopsitta diophthalma coxeni Coxen's Fig-Parrot [59714]	Endangered	Species or species habitat may occur within area	In feature area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea antipodensis gibsoni Gibson's Albatross [82270]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Erythroriorchis radiatus Red Goshawk [942]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Falco hypoleucos Grey Falcon [929]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Geophaps scripta scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat may occur within area	In feature area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat may occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Limosa lapponica baueri Nunivak Bar-tailed Godwit, Western Alaskan Bar-tailed Godwit [86380]	Vulnerable	Species or species habitat known to occur within area	In feature area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area	In feature area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thalassarche cauta Shy Albatross [89224]	Endangered	Species or species habitat may occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area	In feature area
FISH			
Epinephelus daemeli Black Rockcod, Black Cod, Saddled Rockcod [68449]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Maccullochella mariensis Mary River Cod [83806]	Endangered	Translocated population known to occur within area	In buffer area only
Thunnus maccoyii Southern Bluefin Tuna [69402]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only
FROG			
Mixophyes fleayi Fleay's Frog [25960]	Endangered	Species or species habitat likely to occur within area	In feature area
INSECT			
Argynnis hyperbius inconstans Australian Fritillary [88056]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Phyllodes imperialis smithersi Pink Underwing Moth [86084]	Endangered	Species or species habitat may occur within area	In buffer area only
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In feature area
Dasyurus maculatus maculatus (SE mainland population) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat likely to occur within area	In feature area
Macroderma gigas Ghost Bat [174]	Vulnerable	Species or species habitat may occur within area	In feature area
Petauroides volans Greater Glider (southern and central) [254]	Endangered	Species or species habitat likely to occur within area	In feature area
Petaurus australis australis Yellow-bellied Glider (south-eastern) [87600]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Phascolarctos cinereus (combined populations of Qld, NSW and the ACT) Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Endangered	Species or species habitat known to occur within area	In feature area
Potorous tridactylus tridactylus Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Roosting known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Xeromys myoides Water Mouse, False Water Rat, Yirrkoo [66]	Vulnerable	Species or species habitat known to occur within area	In feature area
PLANT			
Acronychia littoralis Scented Acronychia [8582]	Endangered	Species or species habitat may occur within area	In buffer area only
Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Baloghia marmorata Marbled Balogia, Jointed Baloghia [8463]	Vulnerable	Species or species habitat may occur within area	In feature area
Bosistoa transversa Three-leaved Bosistoa, Yellow Satinheart [16091]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Brachychiton sp. Ormeau (L.H.Bird AQ435851) Ormeau Bottle Tree [84105]	Critically Endangered	Species or species habitat may occur within area	In buffer area only
Corchorus cunninghamii Native Jute [14659]	Endangered	Species or species habitat likely to occur within area	In feature area
Cryptocarya foetida Stinking Cryptocarya, Stinking Laurel [11976]	Vulnerable	Species or species habitat may occur within area	In feature area
Cryptostylis hunteriana Leafless Tongue-orchid [19533]	Vulnerable	Species or species habitat may occur within area	In feature area
Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In feature area
Diploglottis campbellii Small-leaved Tamarind [21484]	Endangered	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Endiandra floydii Floyd's Walnut, Crystal Creek Walnut [52955]	Endangered	Species or species habitat likely to occur within area	In feature area
Endiandra hayesii Rusty Rose Walnut, Velvet Laurel [13866]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Fontainea venosa [24040]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Gossia gonoclada Angle-stemmed Myrtle [78866]	Endangered	Species or species habitat likely to occur within area	In buffer area only
Lepidium peregrinum Wandering Pepper-cress [14035]	Endangered	Species or species habitat may occur within area	In buffer area only
Macadamia integrifolia Macadamia Nut, Queensland Nut Tree, Smooth-shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat known to occur within area	In feature area
Macadamia tetraphylla Rough-shelled Bush Nut, Macadamia Nut, Rough-shelled Macadamia, Rough-leaved Queensland Nut [6581]	Vulnerable	Species or species habitat may occur within area	In feature area
Persicaria elatior Knotweed, Tall Knotweed [5831]	Vulnerable	Species or species habitat known to occur within area	In feature area
Phaius australis Lesser Swamp-orchid [5872]	Endangered	Species or species habitat likely to occur within area	In feature area
Planchonella eerwah Shiny-leaved Condoo, Black Plum, Wild Apple [17340]	Endangered	Species or species habitat known to occur within area	In feature area
Plectranthus habrophyllus [64589]	Endangered	Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Plectranthus nitidus Nightcap Plectranthus, Silver Plectranthus [55742]	Endangered	Species or species habitat may occur within area	In buffer area only
Randia moorei Spiny Gardenia [10577]	Endangered	Species or species habitat known to occur within area	In buffer area only
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat likely to occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Sophora fraseri [8836]	Vulnerable	Species or species habitat likely to occur within area	In buffer area only
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area
Vincetoxicum woollsii listed as Tylophora woollsii [40080]	Endangered	Species or species habitat may occur within area	In feature area
REPTILE			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Congregation or aggregation known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Coeranoscincus reticulatus Three-toed Snake-tooth Skink [59628]	Vulnerable	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Hemiaspis damelii Grey Snake [1179]	Endangered	Species or species habitat may occur within area	In feature area
Lepidochelys olivacea Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
SHARK			
Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding may occur within area	In buffer area only
Sphyrna lewini Scalloped Hammerhead [85267]	Conservation Dependent	Species or species habitat likely to occur within area	In buffer area only
Listed Migratory Species			
		[Resource Information]	
Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Anous stolidus Common Noddy [825]		Species or species habitat may occur within area	In buffer area only
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Ardenna grisea Sooty Shearwater [82651]		Species or species habitat may occur within area	In buffer area only
Calonectris leucomelas Streaked Shearwater [1077]		Species or species habitat known to occur within area	In buffer area only
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Fregata ariel Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat likely to occur within area	In buffer area only
Fregata minor Great Frigatebird, Greater Frigatebird [1013]		Species or species habitat likely to occur within area	In buffer area only
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Phaethon lepturus White-tailed Tropicbird [1014]		Species or species habitat may occur within area	In buffer area only
Thalassarche cauta Shy Albatross [89224]		Species or species habitat may occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Migratory Marine Species			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Congregation or aggregation known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area	In buffer area only
Lepidochelys olivacea Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area	In buffer area only
Mobula alfredi as Manta alfredi Reef Manta Ray, Coastal Manta Ray [90033]		Species or species habitat may occur within area	In buffer area only
Mobula birostris as Manta birostris Giant Manta Ray [90034]		Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding may occur within area	In buffer area only
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat known to occur within area	In feature area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area	In feature area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat known to occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area	In feature area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area	In buffer area only
Pluvialis fulva Pacific Golden Plover [25545]		Species or species habitat known to occur within area	In buffer area only
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In feature area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Species or species habitat known to occur within area	In buffer area only

Other Matters Protected by the EPBC Act

Listed Marine Species		[Resource Information]	
Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area	In feature area
Anous stolidus Common Noddy [825]		Species or species habitat may occur within area	In buffer area only
Anseranas semipalmata Magpie Goose [978]		Species or species habitat may occur within area overfly marine area	In feature area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area overfly marine area	In feature area
Ardenna grisea as Puffinus griseus Sooty Shearwater [82651]		Species or species habitat may occur within area	In buffer area only
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Breeding likely to occur within area overfly marine area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat known to occur within area	In feature area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Calonectris leucomelas Streaked Shearwater [1077]		Species or species habitat known to occur within area	In buffer area only
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea antipodensis gibsoni as Diomedea gibsoni Gibson's Albatross [82270]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Fregata ariel Lesser Frigatebird, Least Frigatebird [1012]		Species or species habitat likely to occur within area	In buffer area only
Fregata minor Great Frigatebird, Greater Frigatebird [1013]		Species or species habitat likely to occur within area	In buffer area only
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat known to occur within area overfly marine area	In feature area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area	In feature area
Himantopus himantopus Pied Stilt, Black-winged Stilt [870]		Species or species habitat known to occur within area overfly marine area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area overfly marine area	In feature area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat likely to occur within area overfly marine area	In feature area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area	In feature area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area	In buffer area only
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area overfly marine area	In feature area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area overfly marine area	In feature area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area overfly marine area	In feature area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat known to occur within area	In feature area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat likely to occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area	In buffer area only
Phaethon lepturus White-tailed Tropicbird [1014]		Species or species habitat may occur within area	In buffer area only
Pluvialis fulva Pacific Golden Plover [25545]		Species or species habitat known to occur within area	In buffer area only
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area overfly marine area	In feature area
Rostratula australis as Rostratula benghalensis (sensu lato) Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat known to occur within area overfly marine area	In feature area
Thalassarche cauta Shy Albatross [89224]	Endangered	Species or species habitat may occur within area	In buffer area only
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche salvini Salvin's Albatross [64463]	Vulnerable	Species or species habitat may occur within area	In buffer area only
Thalassarche steadi White-capped Albatross [64462]	Vulnerable	Species or species habitat may occur within area	In buffer area only

Scientific Name	Threatened Category	Presence Text	Buffer Status
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Species or species habitat known to occur within area overfly marine area	In buffer area only

Reptile			
Caretta caretta Loggerhead Turtle [1763]	Endangered	Congregation or aggregation known to occur within area	In buffer area only
Chelonia mydas Green Turtle [1765]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Species or species habitat known to occur within area	In buffer area only
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area	In buffer area only
Lepidochelys olivacea Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Species or species habitat known to occur within area	In buffer area only
Natator depressus Flatback Turtle [59257]	Vulnerable	Species or species habitat known to occur within area	In buffer area only

Extra Information

EPBC Act Referrals		[Resource Information]		
Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Harts Road Industrial Subdivision	2022/09338		Referral Decision	In buffer area only
Controlled action				

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Controlled action				
Jacobs Well Airport	2004/1361	Controlled Action	Completed	In feature area
Jacobs Well Airport Project	2003/947	Controlled Action	Completed	In feature area
Wolffdene Quarry Extension, Luscombe, QLD	2014/7384	Controlled Action	Post-Approval	In buffer area only
Not controlled action				
Australand Business Park industrial subdivision	2015/7531	Not Controlled Action	Completed	In buffer area only
Bahrs Scrub residential community development, Qld	2013/6718	Not Controlled Action	Completed	In buffer area only
Clearance of approx 152ha of open forest vegetation for residential development at Mt Cotton Villag	2004/1592	Not Controlled Action	Completed	In buffer area only
GCCC Northern Wastewater Strategy and associated Reclaimed Water Scheme - Stage	2001/282	Not Controlled Action	Completed	In feature area
Generations Industrial Park subdivision, 4km southeast of Beenleigh, Qld	2016/7748	Not Controlled Action	Completed	In feature area
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Logan River Marina	2003/1176	Not Controlled Action	Completed	In buffer area only
Peachey Road Quarry - Vegetation Clearing - Luscombe, QLD	2021/8931	Not Controlled Action	Completed	In buffer area only
Prawn Aquaculture Enterprise Expansion	2001/294	Not Controlled Action	Completed	In buffer area only
Prawn Aquaculture Expansion	2001/322	Not Controlled Action	Completed	In feature area
Residential estate Bunker Rd	2005/2130	Not Controlled Action	Completed	In buffer area only
Resort Style Residential Development	2008/4232	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manner)				
Kerkins Levee Rehabilitation Project, Phases 2-8	2004/1435	Not Controlled Action (Particular Manner)	Post-Approval	In buffer area only

Caveat

1 PURPOSE

This report is designed to assist in identifying the location of matters of national environmental significance (MNES) and other matters protected by the Environment Protection and Biodiversity Conservation Act 1999 (Cth) (EPBC Act) which may be relevant in determining obligations and requirements under the EPBC Act.

The report contains the mapped locations of:

- World and National Heritage properties;
- Wetlands of International and National Importance;
- Commonwealth and State/Territory reserves;
- distribution of listed threatened, migratory and marine species;
- listed threatened ecological communities; and
- other information that may be useful as an indicator of potential habitat value.

2 DISCLAIMER

This report is not intended to be exhaustive and should only be relied upon as a general guide as mapped data is not available for all species or ecological communities listed under the EPBC Act (see below). Persons seeking to use the information contained in this report to inform the referral of a proposed action under the EPBC Act should consider the limitations noted below and whether additional information is required to determine the existence and location of MNES and other protected matters.

Where data are available to inform the mapping of protected species, the presence type (e.g. known, likely or may occur) that can be determined from the data is indicated in general terms. It is the responsibility of any person using or relying on the information in this report to ensure that it is suitable for the circumstances of any proposed use. The Commonwealth cannot accept responsibility for the consequences of any use of the report or any part thereof. To the maximum extent allowed under governing law, the Commonwealth will not be liable for any loss or damage that may be occasioned directly or indirectly through the use of, or reliance

3 DATA SOURCES

Threatened ecological communities

For threatened ecological communities where the distribution is well known, maps are generated based on information contained in recovery plans, State vegetation maps and remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species

Threatened, migratory and marine species distributions have been discerned through a variety of methods. Where distributions are well known and if time permits, distributions are inferred from either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc.) together with point locations and described habitat; or modelled (MAXENT or BIOCLIM habitat modelling) using

Where little information is available for a species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc.).

In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More detailed distribution mapping methods are used to update these distributions

4 LIMITATIONS

The following species and ecological communities have not been mapped and do not appear in this report:

- threatened species listed as extinct or considered vagrants;
- some recently listed species and ecological communities;
- some listed migratory and listed marine species, which are not listed as threatened species; and
- migratory species that are very widespread, vagrant, or only occur in Australia in small numbers.

The following groups have been mapped, but may not cover the complete distribution of the species:

- listed migratory and/or listed marine seabirds, which are not listed as threatened, have only been mapped for recorded
- seals which have only been mapped for breeding sites near the Australian continent

The breeding sites may be important for the protection of the Commonwealth Marine environment.

Refer to the metadata for the feature group (using the Resource Information link) for the currency of the information.

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence](#)
- [Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact us](#) page.

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Queensland Government

WildNet species list

Search Criteria: Species List for a Specified Point
Species: All
Type: All
Queensland status: Rare and threatened species
Records: All
Date: All
Latitude: -27.7427
Longitude: 153.2403
Distance: 5
Email: hosborn@gassman.com.au
Date submitted: Thursday 12 Jan 2023 15:15:56
Date extracted: Thursday 12 Jan 2023 15:20:01

The number of records retrieved = 11

Disclaimer

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Information about your Species lists request is logged for quality assurance, user support and product enhancement purposes only.

The information provided should be appropriately acknowledged as being derived from WildNet database when it is used. As the WildNet Program is still in a process of collating and vetting data, it is possible the information given is not complete. Go to the WildNet database webpage (<https://www.qld.gov.au/environment/plants-animals/species-information/wildnet>) to find out more about WildNet and where to access other WildNet information products approved for publication. Feedback about WildNet species lists should be emailed to wildlife.online@des.qld.gov.au.

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Apodidae	<i>Hirundapus caudacutus</i>	white-throated needletail		V	V	2
animals	birds	Psittaculidae	<i>Lathamus discolor</i>	swift parrot		E	CE	1
animals	birds	Strigidae	<i>Ninox strenua</i>	powerful owl		V		4
animals	mammals	Phascolarctidae	<i>Phascolarctos cinereus</i>	koala		E	E	115
plants	land plants	Apocynaceae	<i>Leichhardtia coronata</i>			V		9/7
plants	land plants	Euphorbiaceae	<i>Mallotus megadontus</i>			V		2/2
plants	land plants	Myrtaceae	<i>Melaleuca irbyana</i>			E		2/2
plants	land plants	Proteaceae	<i>Macadamia integrifolia</i>	macadamia nut		V	V	29/5
plants	land plants	Proteaceae	<i>Macadamia tetraphylla</i>			V	V	1
plants	land plants	Rubiaceae	<i>Randia moorei</i>	spiny gardenia		E	E	1
plants	land plants	Sapindaceae	<i>Cupaniopsis newmanii</i>	long-leaved tuckeroo		NT		1/1

CODES

I - Y indicates that the taxon is introduced to Queensland and has naturalised.

Q - Indicates the Queensland conservation status of each taxon under the *Nature Conservation Act 1992*.

The codes are Extinct (EX), Extinct in the Wild (PE), Critically Endangered (CR), Endangered (E), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern (C).

A - Indicates the Australian conservation status of each taxon under the *Environment Protection and Biodiversity Conservation Act 1999*.

The values of EPBC are Extinct (EX), Extinct in the Wild (XW), Critically Endangered (CE), Endangered (E), Vulnerable (V) and Conservation Dependent (CD).

Records - The first number indicates the total number of records of the taxon (wildlife records and species listings for selected areas).

This number is output as 99999 if it equals or exceeds this value. A second number located after a / indicates the number of specimen records for the taxon.

This number is output as 999 if it equals or exceeds this value.



Vegetation management report

For Lot: 334 Plan: SP193431

07/03/2023

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Recent changes

Updated mapping

Updated vegetation mapping was released on 8 September 2022 and includes the most recent Queensland Herbarium scientific updates to the Regulated Vegetation Management Map, regional ecosystems, wetland, high-value regrowth and essential habitat mapping.

The Department of Environment and Science have also updated their protected plant and koala protection mapping to align with the Queensland Herbarium scientific updates.

Overview

Based on the lot on plan details you have supplied, this report provides the following detailed information:

Property details - information about the specified Lot on Plan, lot size, local government area, bioregion(s), subregion(s) and catchment(s);

Vegetation management framework - an explanation of the application of the framework and contact details for the Department of Resources who administer the framework;

Vegetation management framework details for the specified Lot on Plan including:

- the vegetation management categories on the property;
- the vegetation management regional ecosystems on the property;
- vegetation management watercourses or drainage features on the property;
- vegetation management wetlands on the property;
- vegetation management essential habitat on the property;
- whether any area management plans are associated with the property;
- whether the property is coastal or non-coastal; and
- whether the property is mapped as Agricultural Land Class A or B;

Protected plant framework - an explanation of the application of the framework and contact details for the Department of Environment and Science who administer the framework, including:

- high risk areas on the protected plant flora survey trigger map for the property;

Koala protection framework - an explanation of the application of the framework and contact details for the Department of Environment and Science who administer the framework; and

Koala protection framework details for the specified Lot on Plan including:

- the koala district the property is located in;
- koala priority areas on the property;
- core and locally refined koala habitat areas on the property;
- whether the lot is located in an identified koala broad-hectare area; and
- koala habitat regional ecosystems on the property for core koala habitat areas.

This information will assist you to determine your options for managing vegetation under:

- the vegetation management framework, which may include:

- exempt clearing work;
- accepted development vegetation clearing code;
- an area management plan;
- a development approval;

- the protected plant framework, which may include:

- the need to undertake a flora survey;
- exempt clearing;
- a protected plant clearing permit;

- the koala protection framework, which may include:

- exempted development;
- a development approval;
- the need to undertake clearing sequentially and in the presence of a koala spotter.

Other laws

The clearing of native vegetation is regulated by both Queensland and Australian legislation, and some local governments also regulate native vegetation clearing. You may need to obtain an approval or permit under another Act, such as the Commonwealth Government's *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Section 8 of this guide provides contact details of other agencies you should confirm requirements with, before commencing vegetation clearing.

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1. Property details

1.1 Tenure and title area

All of the lot, plan, tenure and title area information associated with property Lot: 334 Plan: SP193431, are listed in Table 1.

Table 1: Lot, plan, tenure and title area information for the property

Lot	Plan	Tenure	Property title area (sq metres)
334	SP193431	Freehold	251,820
F	SP193431	Easement	5,991
G	SP193431	Easement	17,640
H	SP193431	Easement	946

The tenure of the land may affect whether clearing is considered exempt clearing work or may be carried out under an accepted development vegetation clearing code.

Does this property have a freehold tenure and is in the Wet Tropics of Queensland World Heritage Area?

No, this property is not located in the Wet Tropics of Queensland World Heritage Area.

1.2 Property location

Table 2 provides a summary of the locations for property Lot: 334 Plan: SP193431, in relation to natural and administrative boundaries.

Table 2: Property location details

Local Government(s)
Gold Coast City

Bioregion(s)	Subregion(s)
Southeast Queensland	Burringbar - Conondale Ranges

Catchment(s)
Logan-Albert

2. Vegetation management framework (administered by the Department of Resources)

The *Vegetation Management Act 1999* (VMA), the Vegetation Management Regulation 2012, the *Planning Act 2016* and the Planning Regulation 2017, in conjunction with associated policies and codes, form the Vegetation Management Framework.

The VMA does not apply to all land tenures or vegetation types. State forests, national parks, forest reserves and some tenures under the *Forestry Act 1959* and *Nature Conservation Act 1992* are not regulated by the VMA. Managing or clearing vegetation on these tenures may require approvals under these laws.

The following native vegetation is not regulated under the VMA but may require permit(s) under other laws:

- grass or non-woody herbage;
- a plant within a grassland regional ecosystem prescribed under Schedule 5 of the Vegetation Management Regulation 2012; and
- a mangrove.

2.1 Exempt clearing work

Exempt clearing work is an activity for which you do not need to notify the Department of Resources or obtain an approval under the vegetation management framework. Exempt clearing work was previously known as exemptions.

In areas that are mapped as Category X (white in colour) on the regulated vegetation management map (see section 4.1), and where the land tenure is freehold, indigenous land and leasehold land for agriculture and grazing purposes, the clearing of vegetation is considered exempt clearing work and does not require notification or development approval under the vegetation management framework. For all other land tenures, contact the Department of Resources before commencing clearing to ensure that the proposed activity is exempt clearing work.

A range of routine property management activities are considered exempt clearing work. A list of exempt clearing work is available at

<https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/exemptions>.

Exempt clearing work may be affected if the proposed clearing area is subject to development approval conditions, a covenant, an environmental offset, an exchange area, a restoration notice, or an area mapped as Category A. Exempt clearing work may require approval under other Commonwealth, State or Local Government laws, or local government planning schemes. Contact the Department of Resources prior to clearing in any of these areas.

2.2 Accepted development vegetation clearing codes

Some clearing activities can be undertaken under an accepted development vegetation clearing code. The codes can be downloaded at

<https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/codes>

If you intend to clear vegetation under an accepted development vegetation clearing code, you must notify the Department of Resources before commencing. The information in this report will assist you to complete the online notification form.

You can complete the online form at

<https://apps.dnrm.qld.gov.au/vegetation/>

2.3 Area management plans

Area Management Plans (AMP) provide an alternative approval system for vegetation clearing under the vegetation management framework. They list the purposes and clearing conditions that have been approved for the areas covered by the plan. It is not necessary to use an AMP, even when an AMP applies to your property.

On 8 March 2020, AMPs ended for fodder harvesting, managing thickened vegetation and managing encroachment. New notifications cannot be made for these AMPs. You will need to consider options for fodder harvesting, managing thickened vegetation or encroachment under a relevant accepted development vegetation clearing code or apply for a development approval.

New notifications can be made for all other AMPs. These will continue to apply until their nominated end date.

If an Area Management Plan applies to your property for which you can make a new notification, it will be listed in Section 3.6 of this report. Before clearing under one of these AMPs, you must first notify the Department of Resources and then follow the conditions and requirements listed in the AMP.

<https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/area-management-plans>

2.4 Development approvals

If under the vegetation management framework your proposed clearing is not exempt clearing work, or is not permitted under an accepted development vegetation clearing code, or an AMP, you may be able to apply for a development approval. Information on how to apply for a development approval is available at

<https://www.qld.gov.au/environment/land/management/vegetation/clearing-approvals/development>

2.5. Contact information for the Department of Resources

For further information on the vegetation management framework:

Phone 135VEG (135 834)

Email vegetation@resources.qld.gov.au

Visit <https://www.resources.qld.gov.au/?contact=vegetation> to submit an online enquiry.

3. Vegetation management framework for Lot: 334 Plan: SP193431

3.1 Vegetation categories

The vegetation categories on your property are shown on the regulated vegetation management map in section 4.1 of this report. A summary of vegetation categories on the subject lot are listed in Table 3. Descriptions for these categories are shown in Table 4.

Table 3: Vegetation categories for subject property. Total area: 25.34ha

Vegetation category	Area (ha)
Category B	2.4
Category C	1.6
Category X	21.4

Table 4: Description of vegetation categories

Category	Colour on Map	Description	Requirements / options under the vegetation management framework
A	red	Compliance areas, environmental offset areas and voluntary declaration areas	Special conditions apply to Category A areas. Before clearing, contact the Department of Resources to confirm any requirements in a Category A area.
B	dark blue	Remnant vegetation areas	Exempt clearing work, or notification and compliance with accepted development vegetation clearing codes, area management plans or development approval.
C	light blue	High-value regrowth areas	Exempt clearing work, or notification and compliance with managing Category C regrowth vegetation accepted development vegetation clearing code.
R	yellow	Regrowth within 50m of a watercourse or drainage feature in the Great Barrier Reef catchment areas	Exempt clearing work, or notification and compliance with managing Category R regrowth accepted development vegetation clearing code or area management plans.
X	white	Clearing on freehold land, indigenous land and leasehold land for agriculture and grazing purposes is considered exempt clearing work under the vegetation management framework. Contact the Department of Resources to clarify whether a development approval is required for other State land tenures.	No permit or notification required on freehold land, indigenous land and leasehold land for agriculture and grazing. A development approval may be required for some State land tenures.

Property Map of Assessable Vegetation (PMAV)

There is no Property Map of Assessable Vegetation (PMAV) present on this property.

3.2 Regional ecosystems

The endangered, of concern and least concern regional ecosystems on your property are shown on the vegetation management supporting map in section 4.2 and are listed in Table 5.

A description of regional ecosystems can be accessed online at

<https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/descriptions/>

Table 5: Regional ecosystems present on subject property

Regional Ecosystem	VMA Status	Category	Area (Ha)	Short Description	Structure Category
12.11.24	Least concern	B	0.15	Eucalyptus carnea or E. tindaliae, Corymbia intermedia +/- E. siderophloia or E. crebra woodland on metamorphics +/- interbedded volcanics	Sparse
12.11.24	Least concern	C	0.22	Eucalyptus carnea or E. tindaliae, Corymbia intermedia +/- E. siderophloia or E. crebra woodland on metamorphics +/- interbedded volcanics	Sparse
12.11.5	Least concern	B	0.86	Corymbia citriodora subsp. variegata woodland to open forest +/- Eucalyptus siderophloia/E. crebra, E. carnea, E. acmenoides, E. propinqua on metamorphics +/- interbedded volcanics	Mid-dense
12.11.5	Least concern	C	1.27	Corymbia citriodora subsp. variegata woodland to open forest +/- Eucalyptus siderophloia/E. crebra, E. carnea, E. acmenoides, E. propinqua on metamorphics +/- interbedded volcanics	Mid-dense
12.3.11	Of concern	B	1.08	Eucalyptus tereticornis +/- Eucalyptus siderophloia, Corymbia intermedia open forest on alluvial plains usually near coast	Mid-dense
12.3.11	Of concern	C	0.01	Eucalyptus tereticornis +/- Eucalyptus siderophloia, Corymbia intermedia open forest on alluvial plains usually near coast	Mid-dense
12.3.6	Least concern	B	0.26	Melaleuca quinquenervia +/- Eucalyptus tereticornis, Lophostemon suaveolens, Corymbia intermedia open forest on coastal alluvial plains	Mid-dense
12.3.6	Least concern	C	0.11	Melaleuca quinquenervia +/- Eucalyptus tereticornis, Lophostemon suaveolens, Corymbia intermedia open forest on coastal alluvial plains	Mid-dense
non-rem	None	X	21.37	None	None

Please note:

1. All area and area derived figures included in this table have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.
2. If Table 5 contains a Category 'plant', please be aware that this refers to 'plantations' such as forestry, and these areas are considered non-remnant under the VMA.

The VMA status of the regional ecosystem (whether it is endangered, of concern or least concern) also determines if any of the following are applicable:

- exempt clearing work;
- accepted development vegetation clearing codes;
- performance outcomes in State Code 16 of the State Development Assessment Provisions (SDAP).

3.3 Watercourses

Vegetation management watercourses and drainage features for this property are shown on the vegetation management supporting map in section 4.2.

3.4 Wetlands

Vegetation management wetlands are present on this property and are shown on the vegetation management supporting map in section 4.2 of this report.

3.5 Essential habitat

Under the VMA, essential habitat for protected wildlife is native wildlife prescribed under the *Nature Conservation Act 1992* (NCA) as critically endangered, endangered, vulnerable or near-threatened wildlife.

Essential habitat for protected wildlife includes suitable habitat on the lot, or where a species has been known to occur up to 1.1 kilometres from a lot on which there is assessable vegetation. These important habitat areas are protected under the VMA.

Any essential habitat on this property will be shown as blue hatching on the vegetation supporting map in section 4.2.

If essential habitat is identified on the lot, information about the protected wildlife species is provided in Table 6 below. The numeric labels on the vegetation management supporting map can be cross referenced with Table 6 to outline the essential habitat factors for that particular species. There may be essential habitat for more than one species on each lot, and areas of Category A, Category B and Category C can be mapped as Essential Habitat.

Essential habitat is compiled from a combination of species habitat models and buffered species records. Regional ecosystem is a mandatory essential habitat factor, unless otherwise stated. Essential habitat, for protected wildlife, means an area of vegetation shown on the Regulated Vegetation Management Map -

- 1) that has at least 3 essential habitat factors for the protected wildlife that must include any essential habitat factors that are stated as mandatory for the protected wildlife in the essential habitat database. Essential habitat factors are comprised of - regional ecosystem (mandatory for most species), vegetation community, altitude, soils, position in landscape; or
- 2) in which the protected wildlife, at any stage of its life cycle, is located.

If there is no essential habitat mapping shown on the vegetation management supporting map for this lot, and there is no table in the sections below, it confirms that there is no essential habitat on the lot.

Category A and/or Category B and/or Category C

Table 6: Essential habitat in Category A and/or Category B and/or Category C

Label	Scientific Name	Common Name	NCA Status	Vegetation Community	Altitude	Soils	Position in Landscape
860	Phascolarctos cinereus	koala	E	Open forests and woodlands containing Eucalyptus, Corymbia, Lophostemon or Melaleuca trees having a trunk of a diameter of more than 10cm at 1.3m above the ground. Tree species used for food and habitat varies across the state and can include: Corymbia citriodora, Corymbia henryi, Corymbia intermedia, Eucalyptus acmenoides, Eucalyptus bancroftii, Eucalyptus biturbinata, Eucalyptus blakelyi, Eucalyptus brownii, Eucalyptus camaldulensis, Eucalyptus carnea, Eucalyptus chloroclada, Eucalyptus coolabah, Eucalyptus crebra, Eucalyptus dealbata, Eucalyptus drepanophylla, Eucalyptus dunnii, Eucalyptus eugenioides, Eucalyptus exserta, Eucalyptus fibrosa, Eucalyptus grandis, Eucalyptus helidonica, Eucalyptus latisinensis, Eucalyptus longirostrata, Eucalyptus major, Eucalyptus melanophloia, Eucalyptus melliodora, Eucalyptus microcarpa, Eucalyptus microcorys, Eucalyptus microtheca, Eucalyptus moluccana, Eucalyptus montivaga, Eucalyptus orgadophila, Eucalyptus papuana, Eucalyptus pilularis, Eucalyptus platyphylla, Eucalyptus populnea, Eucalyptus portuensis, Eucalyptus propinqua, Eucalyptus racemosa, Eucalyptus resinifera, Eucalyptus robusta, Eucalyptus saligna, Eucalyptus seeana, Eucalyptus siderophloia, Eucalyptus sideroxylon, Eucalyptus tereticornis, Eucalyptus thozetiana, Eucalyptus tindaliae, Eucalyptus umbra, Lophostemon confertus, Melaleuca leucadendra, Melaleuca quinquenervia.	Sea level to 1000m.	None	Riparian areas, plains and hill/escarpment slopes.
16746	Macadamia integrifolia	macadamia nut	V	dry vine thicket; complex notophyll vine forest; Araucarian notophyll vine forest	0 to 700 m	red to brown loam to silty clay	scree slope, lower to upper hill slope often steep, watercourse
686	Crinia tinnula	wallum froglet	V	Vegetation community is a mandatory essential habitat factor for this species. Permanent to ephemeral acidic (pH 4.3 - 5.2), soft freshwater in Melaleuca (e.g. M. quinquenervia) swamps, sedgeland, wet and dry heathland (e.g. Banksia robur, Xanthorrhoea) and wallum (Banksia aemula shrubland/woodland) areas coastal lowlands on sand or sandstone, occasionally in adjacent open forest/woodland (e.g. Eucalyptus racemosa, Corymbia citriodora) with heathy understorey; known to persist in small remnants (<10ha); may be found well away from water.	Sea level to 150m.	Sandy and sandy-alluvial substrates.	None

Label	Regional Ecosystem (mandatory unless otherwise specified)
860	4.3.1, 4.3.2, 4.3.3, 4.3.4, 4.3.5, 4.3.6, 4.3.8, 4.3.10, 4.3.11, 4.5.3, 4.5.5, 4.5.6, 4.5.8, 4.5.9, 4.7.1, 4.7.7, 4.7.8, 4.9.6, 4.9.10, 4.9.12, 4.9.17, 6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.3.5, 6.3.7, 6.3.8, 6.3.9, 6.3.11, 6.3.12, 6.3.17, 6.3.18, 6.3.22, 6.3.24, 6.3.25, 6.4.1, 6.4.2, 6.4.3, 6.4.4, 6.5.1, 6.5.2, 6.5.3, 6.5.5, 6.5.6, 6.5.7, 6.5.8, 6.5.9, 6.5.10, 6.5.11, 6.5.13, 6.5.14, 6.5.15, 6.5.16, 6.5.17, 6.5.18, 6.5.19, 6.6.2, 6.7.1, 6.7.2, 6.7.5, 6.7.6, 6.7.7, 6.7.9, 6.7.11, 6.7.12, 6.7.13, 6.7.14, 6.7.17, 6.9.3, 7.2.3, 7.2.4, 7.2.7, 7.2.11, 7.3.7, 7.3.8, 7.3.9, 7.3.12, 7.3.13, 7.3.14, 7.3.16, 7.3.19, 7.3.20, 7.3.21, 7.3.25, 7.3.26, 7.3.39, 7.3.40, 7.3.42, 7.3.43, 7.3.44, 7.3.45, 7.3.47, 7.3.48, 7.3.50, 7.5.1, 7.5.2, 7.5.3, 7.5.4, 7.8.7, 7.8.8, 7.8.10, 7.8.15, 7.8.16, 7.8.17, 7.8.18, 7.8.19, 7.11.5, 7.11.6, 7.11.13, 7.11.14, 7.11.16, 7.11.18, 7.11.19, 7.11.20, 7.11.21, 7.11.31, 7.11.32, 7.11.33, 7.11.34, 7.11.35, 7.11.37, 7.11.41, 7.11.42, 7.11.43, 7.11.44, 7.11.45, 7.11.46, 7.11.47, 7.11.48, 7.11.49, 7.11.50, 7.11.51, 7.12.4, 7.12.5, 7.12.17, 7.12.21, 7.12.22, 7.12.23, 7.12.24, 7.12.25, 7.12.26, 7.12.27, 7.12.28, 7.12.29, 7.12.30, 7.12.33, 7.12.34, 7.12.35, 7.12.51, 7.12.52, 7.12.53, 7.12.54, 7.12.55, 7.12.56, 7.12.57, 7.12.58, 7.12.59, 7.12.60, 7.12.61, 7.12.62, 7.12.63, 7.12.65, 7.12.66, 7.12.69, 8.1.5, 8.2.3, 8.2.6, 8.2.7, 8.2.8, 8.2.11, 8.2.12, 8.2.13, 8.2.14, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6, 8.3.8, 8.3.10, 8.3.11, 8.3.13, 8.5.1, 8.5.2, 8.5.3, 8.5.5, 8.5.6, 8.5.7, 8.9.1, 8.10.1, 8.11.1, 8.11.3, 8.11.4, 8.11.5, 8.11.6, 8.11.8, 8.11.10, 8.11.12, 8.12.4, 8.12.5, 8.12.6, 8.12.7, 8.12.8, 8.12.9, 8.12.12, 8.12.14, 8.12.20, 8.12.22, 8.12.23, 8.12.25, 8.12.26, 8.12.27, 8.12.29, 8.12.31, 8.12.32, 9.3.1, 9.3.2, 9.3.3, 9.3.4, 9.3.5, 9.3.6, 9.3.7, 9.3.8, 9.3.10, 9.3.11, 9.3.13, 9.3.14, 9.3.15, 9.3.16, 9.3.17, 9.3.19, 9.3.20, 9.3.21, 9.3.22, 9.3.27, 9.4.1, 9.4.2, 9.5.1, 9.5.3, 9.5.4, 9.5.5, 9.5.6, 9.5.7, 9.5.8, 9.5.9, 9.5.10, 9.5.11, 9.5.12, 9.5.15, 9.5.16, 9.5.17, 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12.12.8, 12.12.9, 12.12.11, 12.12.12, 12.12.14, 12.12.15, 12.12.23, 12.12.24, 12.12.25, 12.12.28, 13.3.1, 13.3.2, 13.3.3, 13.3.4, 13.3.5, 13.3.7, 13.9.2, 13.11.1, 13.11.2, 13.11.3, 13.11.4, 13.11.5, 13.11.6, 13.11.8, 13.11.9, 13.12.1, 13.12.2, 13.12.3, 13.12.4, 13.12.5, 13.12.6, 13.12.8, 13.12.9, 13.12.10.

Label	Regional Ecosystem (mandatory unless otherwise specified)
16746	12.3.1, 12.3.2, 12.3.16, 12.8.3, 12.8.4, 12.9-10.16, 12.11.1, 12.11.3, 12.11.5, 12.11.10, 12.11.11, 12.11.24, 12.12.1, 12.12.13, 12.12.16
686	12.2.5, 12.2.7, 12.2.9, 12.2.10, 12.2.12, 12.2.15, 12.3.4, 12.3.5, 12.3.6, 12.3.12, 12.3.14, 12.3.20, 12.5.2, 12.5.10. These regional ecosystems are not a mandatory essential habitat factor for this species.

3.6 Area Management Plan(s)

Nil

3.7 Coastal or non-coastal

For the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP), this property is regarded as*

Coastal

*See also Map 4.3

3.8 Agricultural Land Class A or B

The following can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code:

Does this lot contain land that is mapped as Agricultural Land Class A or B in the State Planning Interactive Mapping System?

No Class A

No Class B

Note - This confirms Agricultural Land Classes as per the State Planning Interactive Mapping System only. This response does not include Agricultural Land Classes identified under local government planning schemes. For further information, check the Planning Scheme for your local government area.

See Map 4.4 to identify the location and extent of Class A and/or Class B Agricultural land on Lot: 334 Plan: SP193431.

4. Vegetation management framework maps

Vegetation management maps included in this report may also be requested individually at:

<https://www.resources.qld.gov.au/qld/environment/land/vegetation/vegetation-map-request-form>

Regulated vegetation management map

The regulated vegetation management map shows vegetation categories needed to determine clearing requirements. These maps are updated monthly to show new [property maps of assessable vegetation \(PMAV\)](#).

Vegetation management supporting map

The vegetation management supporting map provides information on regional ecosystems, wetlands, watercourses and essential habitat.

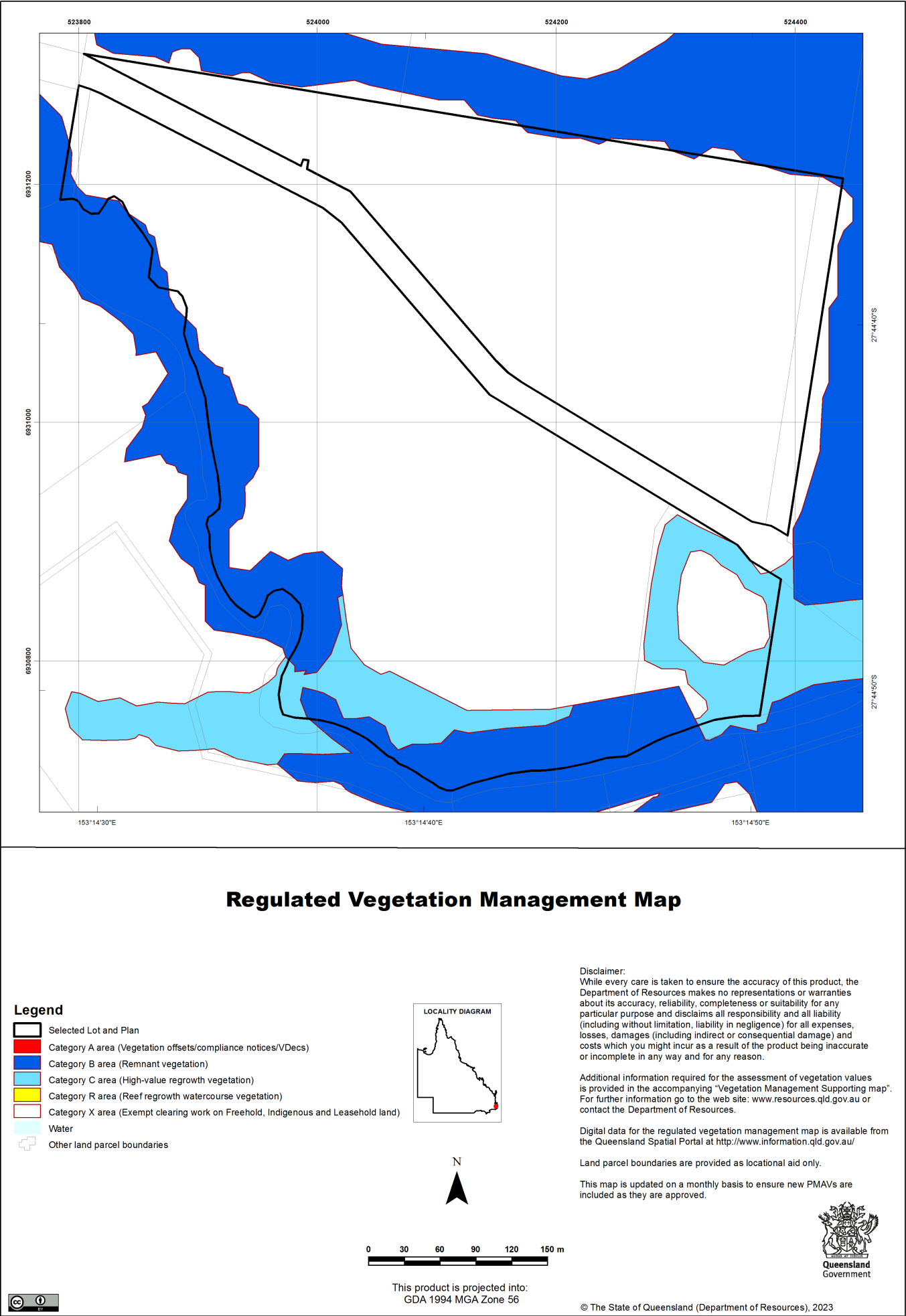
Coastal/non-coastal map

The coastal/non-coastal map confirms whether the lot, or which parts of the lot, are considered coastal or non-coastal for the purposes of the accepted development vegetation clearing codes and State Code 16 of the State Development Assessment Provisions (SDAP).

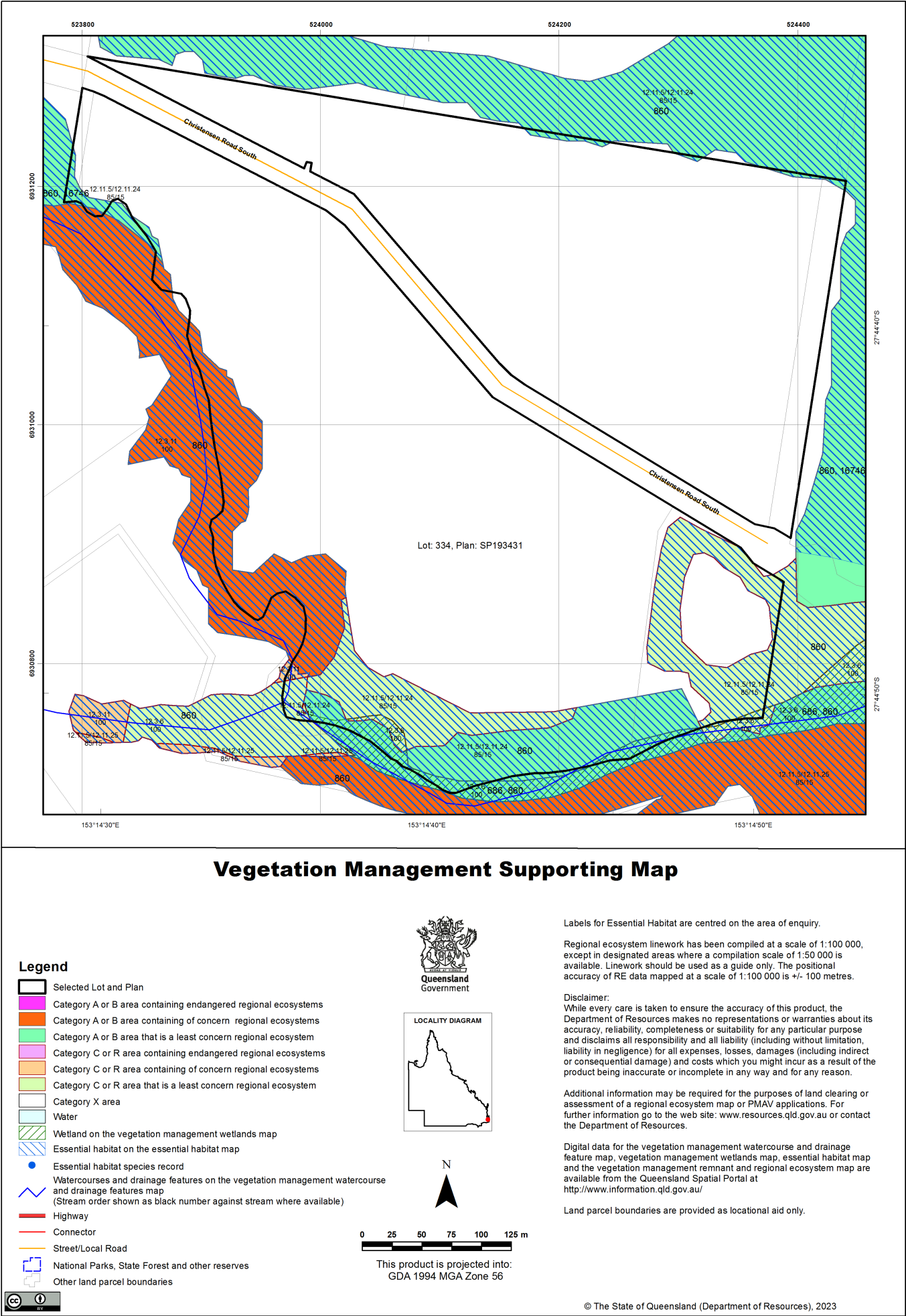
Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture

The Agricultural Land Class map confirms the location and extent of land mapped as Agricultural Land Classes A or B as identified on the State Planning Interactive Mapping System. Please note that this map does not include areas identified as Agricultural Land Class A or B in local government planning schemes. This map can be used to identify Agricultural Land Class A or B areas under the "Managing regulated regrowth vegetation" accepted development vegetation clearing code.

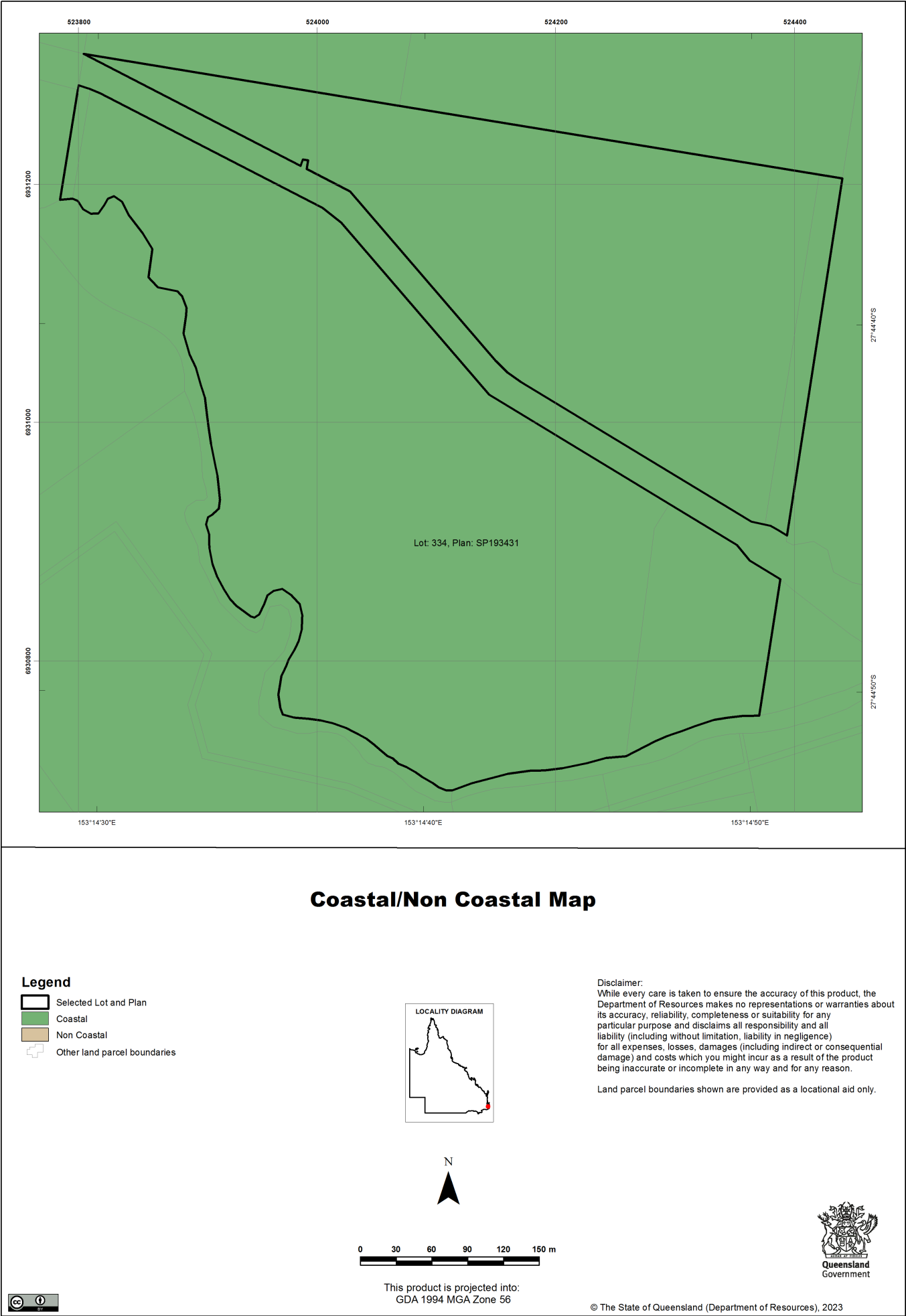
4.1 Regulated vegetation management map



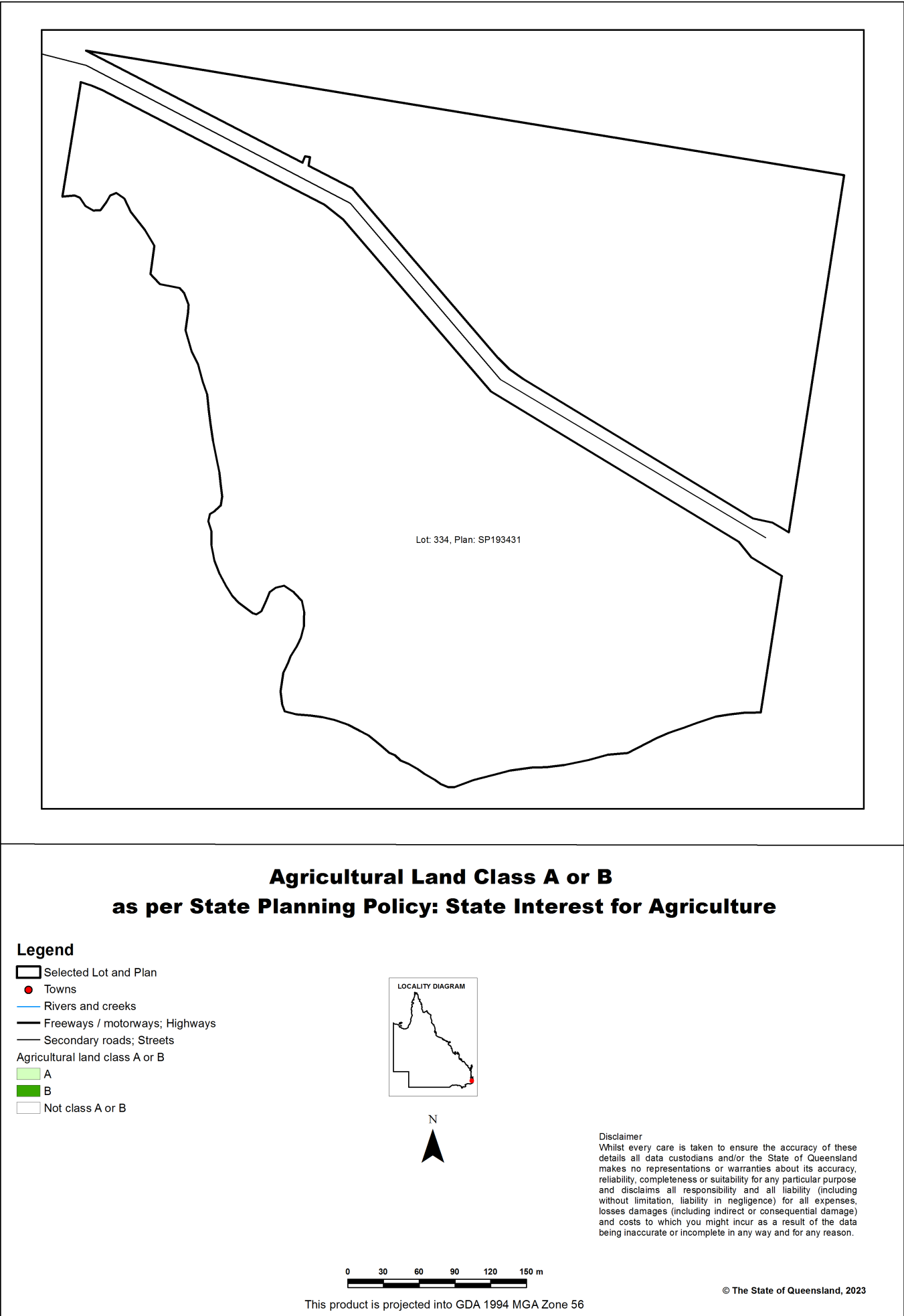
4.2 Vegetation management supporting map



4.3 Coastal/non-coastal map



4.4 Agricultural Land Class A or B as per State Planning Policy: State Interest for Agriculture



5. Protected plants framework (administered by the Department of Environment and Science (DES))

In Queensland, all plants that are native to Australia are protected plants under the [Nature Conservation Act 1992](#) (NCA). The NCA regulates the clearing of protected plants 'in the wild' (see [Operational policy: When a protected plant in Queensland is considered to be 'in the wild'](#)) that are listed as critically endangered, endangered, vulnerable or near threatened under the Act.

Please note that the protected plant clearing framework applies irrespective of the classification of the vegetation under the *Vegetation Management Act 1999* and any approval or exemptions given under another Act, for example, the *Vegetation Management Act 1999* or *Planning Regulation 2017*.

5.1 Clearing in high risk areas on the flora survey trigger map

The flora survey trigger map identifies high-risk areas for threatened and near threatened plants. These are areas where threatened or near threatened plants are known to exist or are likely to exist based on the habitat present. The flora survey trigger map for this property is provided in section 5.5.

If you are proposing to clear an area shown as high risk on the flora survey trigger map, a flora survey of the clearing impact area must be undertaken by a suitably qualified person in accordance with the [Flora survey guidelines](#). The main objective of a flora survey is to locate any threatened or near threatened plants that may be present in the clearing impact area.

If the flora survey identifies that threatened or near threatened plants are not present within the clearing impact area or clearing within 100m of a threatened or near threatened plant can be avoided, the clearing activity is exempt from a permit. An [exempt clearing notification form](#) must be submitted to the Department of Environment and Science, with a copy of the flora survey report, at least one week prior to clearing.

If the flora survey identifies that threatened or near threatened plants are present in, or within 100m of, the area to be cleared, a clearing permit is required before any clearing is undertaken. The flora survey report, as well as an impact management report, must be submitted with the [clearing permit application form](#).

5.2 Clearing outside high risk areas on the flora survey trigger map

In an area other than a high risk area, a clearing permit is only required where a person is, or becomes aware that threatened or near threatened plants are present in, or within 100m of, the area to be cleared. You must keep a copy of the flora survey trigger map for the area subject to clearing for five years from the day the clearing starts. If you do not clear within the 12 month period that the flora survey trigger map was printed, you need to print and check a new flora survey trigger map.

5.3 Exemptions

Many activities are 'exempt' under the protected plant clearing framework, which means that clearing of native plants that are in the wild can be undertaken for these activities with no need for a flora survey or a protected plant clearing permit. The Information sheet - General exemptions for the take of protected plants provides some of these exemptions.

Some exemptions under the NCA are the same as exempt clearing work (formerly known as exemptions) under the *Vegetation Management Act 1999* (i.e. listed in Schedule 21 of the Planning Regulations 2017) while some are different.

5.4 Contact information for DES

For further information on the protected plants framework:

Phone 1300 130 372 (and select option four)

Email palm@des.qld.gov.au

Visit <https://www.qld.gov.au/environment/plants-animals/plants/protected-plants>

5.5 Protected plants flora survey trigger map

This map included may also be requested individually at: <https://apps.des.qld.gov.au/map-request/flora-survey-trigger/>.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

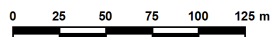
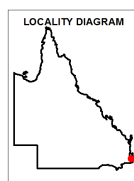
Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the [Queensland Spatial Catalogue](#), the Department of Environment and Science does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment and Science webpage on the [clearing of protected plants](#) for more information.



Protected Plants Flora Survey Trigger Map

Legend

-  Selected Lot and Plan
-  High risk area
-  Other land parcel boundaries
-  Freeways / motorways / highways
-  Secondary roads / streets



This product is projected into:
GDA 1994 MGA Zone 56

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

Land parcel boundaries are provided as locational aid only.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of Environment and Science at palm@des.qld.gov.au

Disclaimer:
While every care is taken to ensure the accuracy of the data used to generate this product, the Queensland Government makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which might be incurred as a consequence of reliance on the data, or as a result of the data being inaccurate or incomplete in any way and for any reason.

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6. Koala protection framework (administered by the Department of Environment and Science (DES))

The koala (*Phascolarctos cinereus*) is listed in Queensland as endangered by the Queensland Government under *Nature Conservation Act 1992* and by the Australian Government under the *Environment Protection and Biodiversity Conservation Act 1999*.

The Queensland Government's koala protection framework is comprised of the *Nature Conservation Act 1992*, the Nature Conservation (Animals) Regulation 2020, the Nature Conservation (Koala) Conservation Plan 2017, the *Planning Act 2016* and the Planning Regulation 2017.

6.1 Koala mapping

6.1.1 Koala districts

The parts of Queensland where koalas are known to occur has been divided into three koala districts - koala district A, koala district B and koala district C. Each koala district is made up of areas with comparable koala populations (e.g. density, extent and significance of threatening processes affecting the population) which require similar management regimes.

Section 7.1 identifies which koala district your property is located in.

6.1.2 Koala habitat areas

Koala habitat areas are areas of vegetation that have been determined to contain koala habitat that is essential for the conservation of a viable koala population in the wild based on the combination of habitat suitability and biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water). In order to protect this important koala habitat, clearing controls have been introduced into the Planning Regulation 2017 for development in koala habitat areas.

Please note that koala habitat areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley, Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

There are two different categories of koala habitat area (core koala habitat area and locally refined koala habitat), which have been determined using two different methodologies. These methodologies are described in the document [Spatial modelling in South East Queensland](#).

Section 7.2 shows any koala habitat area that exists on your property.

Under the Nature Conservation (Koala) Conservation Plan 2017, an owner of land (or a person acting on the owner's behalf with written consent) can request to make, amend or revoke a koala habitat area determination if they believe, on reasonable grounds, that the existing determination for all or part of their property is incorrect.

More information on requests to make, amend or revoke a koala habitat area determination can be found in the document [Guideline - Requests to make, amend or revoke a koala habitat area determination](#).

The koala habitat area map will be updated at least annually to include any koala habitat areas that have been made, amended or revoked.

Changes to the koala habitat area map which occur between annual updates because of a request to make, amend or revoke a koala habitat area determination can be viewed on the register of approved requests to make, amend or revoke a koala habitat area available at: <https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/koalamaps>. The register includes the lot on plan for the change, the date the decision was made and the map issued to the landholder that shows areas determined to be koala habitat areas.

6.1.3 Koala priority areas

Koala priority areas are large, connected areas that have been determined to have the highest likelihood of achieving conservation outcomes for koalas based on the combination of habitat suitability, biophysical variables with known relationships to koala habitat (e.g. landcover, soil, terrain, climate and ground water) and a koala conservation cost benefit analysis.

Conservation efforts will be prioritised in these areas to ensure the conservation of viable koala populations in the wild including a focus on management (e.g. habitat protection, habitat restoration and threat mitigation) and monitoring. This includes a prohibition on clearing in koala habitat areas that are in koala priority areas under the Planning Regulation 2017 (subject to some exemptions).

Please note that koala priority areas only exist in koala district A which is the South East Queensland "Shaping SEQ" Regional Plan area. These areas include the local government areas of Brisbane, Gold Coast, Logan, Lockyer Valley,

Ipswich, Moreton Bay, Noosa, Redland, Scenic Rim, Somerset, Sunshine Coast and Toowoomba (urban extent).

Section 7.2 identifies if your property is in a koala priority area.

6.1.4 Identified koala broad-hectare areas

There are seven identified koala broad-hectare areas in SEQ. These are areas of koala habitat that are located in areas committed to meet development targets in the SEQ Regional Plan to accommodate SEQ's growing population including bring-forward Greenfield sites under the Queensland Housing Affordability Strategy and declared master planned areas under the repealed *Sustainable Planning Act 2009* and the repealed *Integrated Planning Act 1997*.

Specific assessment benchmarks apply to development applications for development proposed in identified koala broad-hectare areas to ensure koala conservation measures are incorporated into the proposed development.

Section 7.2 identifies if your property is in an identified koala broad-hectare area.

6.2 Koala habitat planning controls

On 7 February 2020, the Queensland Government introduced new planning controls to the Planning Regulation 2017 to strengthen the protection of koala habitat in South East Queensland (i.e. koala district A).

More information on these planning controls can be found here:

<https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy>.

As a high-level summary, the koala habitat planning controls make:

- development that involves interfering with koala habitat (defined below) in an area that is both a koala priority area and a koala habitat area, prohibited development (i.e. development for which a development application cannot be made);
- development that involves interfering with koala habitat (defined below) in an area that is a koala habitat area but is not a koala priority area, assessable development (i.e. development for which development approval is required); and
- development that is for extractive industries where the development involves interfering with koala habitat (defined below) in an area that is both a koala habitat area and a key resource area, assessable development (i.e. development for which development approval is required).

Interfering with koala habitat means:

- 1) Removing, cutting down, ringbarking, pushing over, poisoning or destroying in anyway, including by burning, flooding or draining native vegetation in a koala habitat area; but
- 2) Does not include destroying standing vegetation by stock or lopping a tree.

However, these planning controls do not apply if the development is exempted development as defined in Schedule 24 of the [Planning Regulation 2017](#). More information on exempted development can be found here:

<https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping/legislation-policy>.

There are also assessment benchmarks that apply to development applications for:

- building works, operational works, material change of use or reconfiguration of a lot where:
 - the local government planning scheme makes the development assessable;
 - the premises includes an area that is both a koala priority area and a koala habitat area; and
 - the development does not involve interfering with koala habitat (defined above); and
- development in identified koala broad-hectare areas.

The [Guideline - Assessment Benchmarks in relation to Koala Habitat in South East Queensland assessment benchmarks](#) outlines these assessment benchmarks, the intent of these assessment benchmarks and advice on how proposed development may meet these assessment benchmarks.

6.3 Koala Conservation Plan clearing requirements

Section 10 and 11 of the [Nature Conservation \(Koala\) Conservation Plan 2017](#) prescribes requirements that must be met when clearing koala habitat in koala district A and koala district B.

These clearing requirements are independent to the koala habitat planning controls introduced into the Planning Regulation 2017, which means they must be complied with irrespective of any approvals or exemptions offered under other legislation.

Unlike the clearing controls prescribed in the Planning Regulation 2017 that are to protect koala habitat, the clearing requirements prescribed in the Nature Conservation (Koala) Conservation Plan 2017 are in place to prevent the injury or death of koalas when koala habitat is being cleared.

6.4 Contact information for DES

For further information on the koala protection framework:

Phone 13 QGOV (13 74 68)

Email koala.assessment@des.qld.gov.au

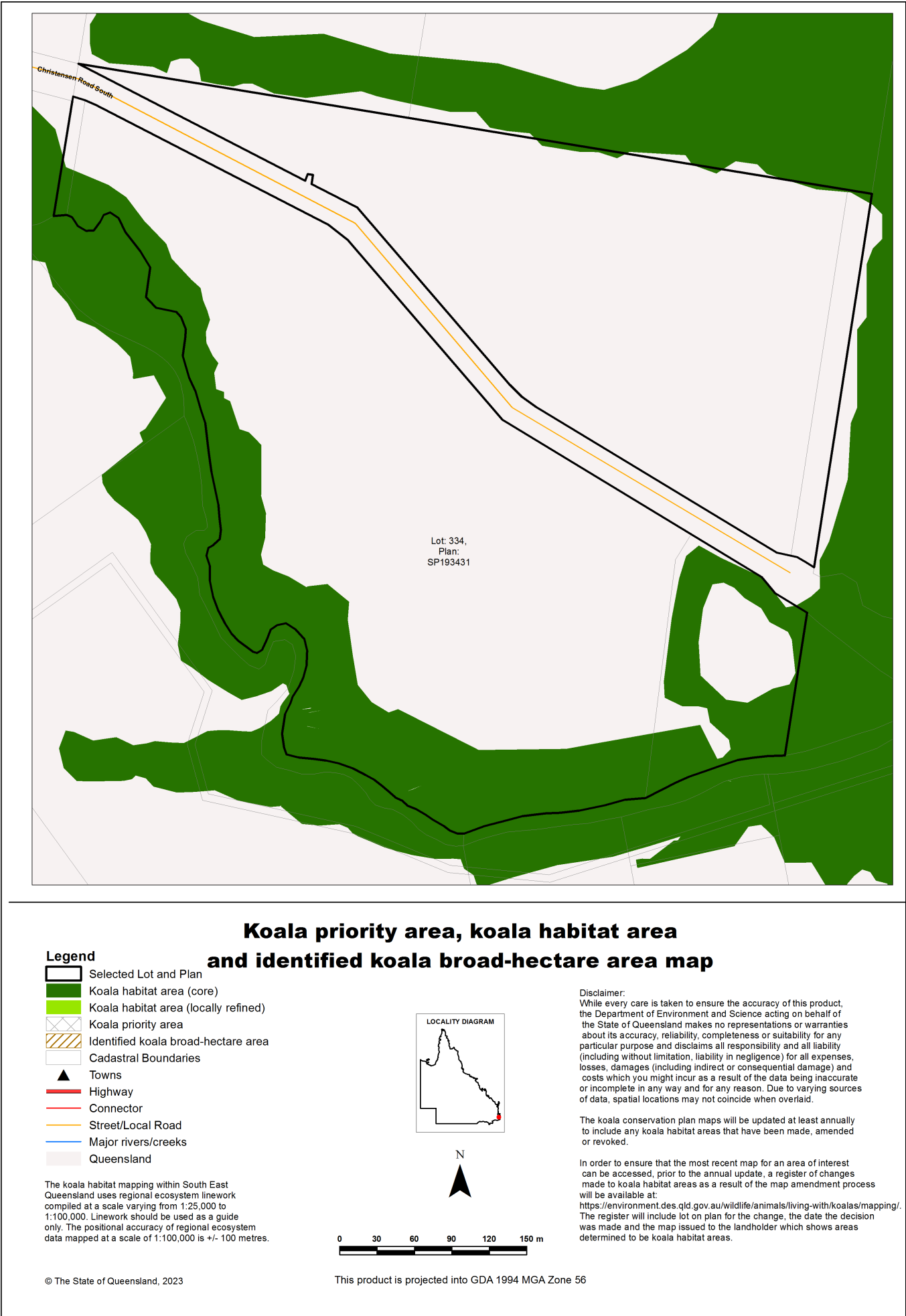
Visit <https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping>

7. Koala protection framework details for Lot: 334 Plan: SP193431

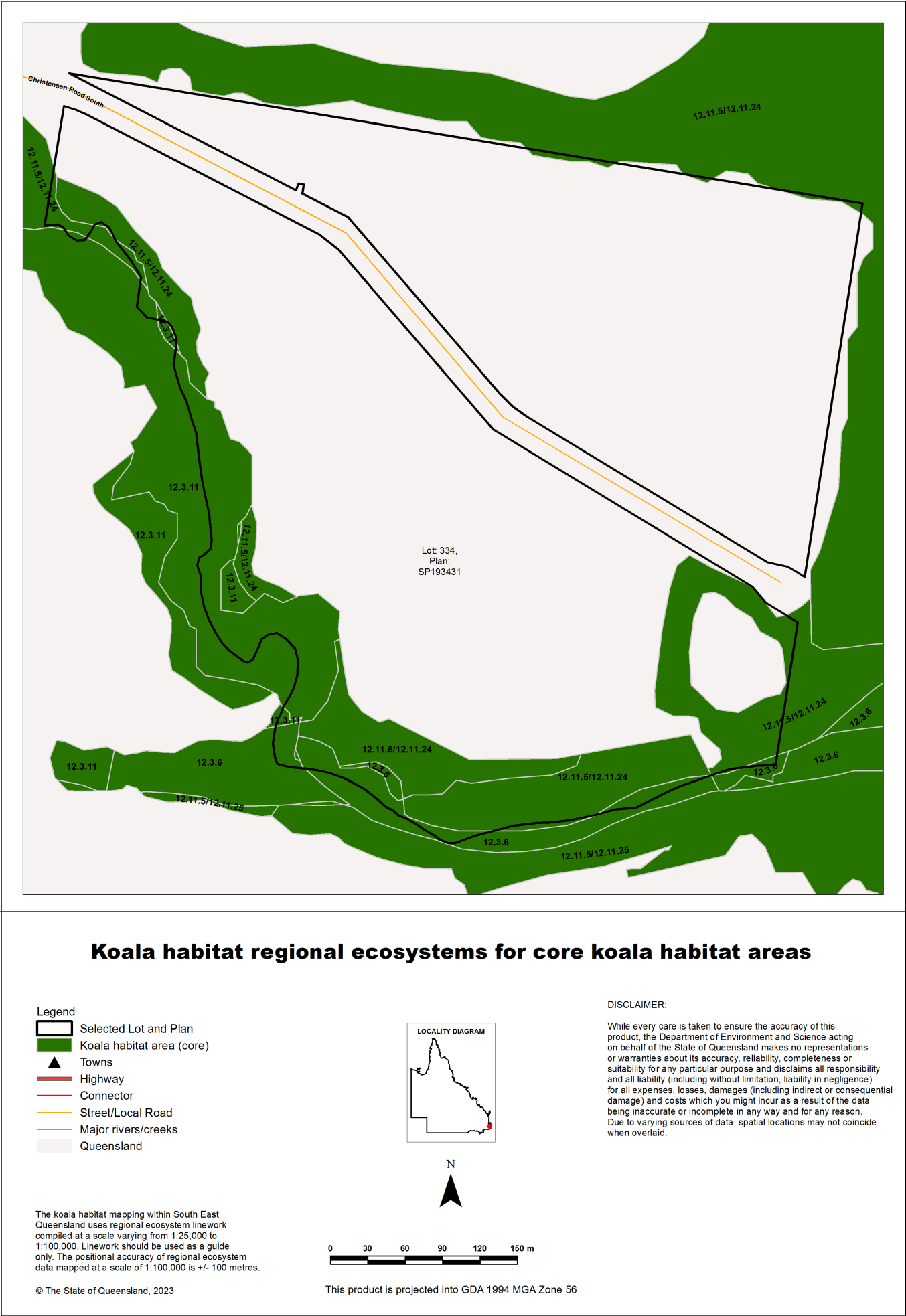
7.1 Koala districts

Koala District A

7.2 Koala priority area, koala habitat area and identified koala broad-hectare area map



7.3 Koala habitat regional ecosystems for core koala habitat areas



8. Other relevant legislation contacts list

Activity	Legislation	Agency	Contact details
• Interference with overland flow • Earthworks, significant disturbance	<i>Water Act 2000</i> <i>Soil Conservation Act 1986</i>	Department of Regional Development, Manufacturing and Water (Queensland Government) Department of Resources (Queensland Government)	Ph: 13 QGOV (13 74 68) www.rdmw.qld.gov.au www.resources.qld.gov.au
• Indigenous Cultural Heritage	<i>Aboriginal Cultural Heritage Act 2003</i> <i>Torres Strait Islander Cultural Heritage Act 2003</i>	Department of Seniors, Disability Services and Aboriginal and Torres Strait Islander Partnerships	Ph: 13 QGOV (13 74 68) www.datsip.qld.gov.au
• Mining and environmentally relevant activities • Infrastructure development (coastal) • Heritage issues	<i>Environmental Protection Act 1994</i> <i>Coastal Protection and Management Act 1995</i> <i>Queensland Heritage Act 1992</i>	Department of Environment and Science (Queensland Government)	Ph: 13 QGOV (13 74 68) www.des.qld.gov.au
• Protected plants and protected areas	<i>Nature Conservation Act 1992</i>	Department of Environment and Science (Queensland Government)	Ph: 1300 130 372 (option 4) palm@des.qld.gov.au www.des.qld.gov.au
• Koala mapping and regulations	<i>Nature Conservation Act 1992</i>	Department of Environment and Science (Queensland Government)	Ph: 13 QGOV (13 74 68) Koala.assessment@des.qld.gov.au
• Interference with fish passage in a watercourse, mangroves • Forestry activities on State land tenures	<i>Fisheries Act 1994</i> <i>Forestry Act 1959</i>	Department of Agriculture and Fisheries (Queensland Government)	Ph: 13 QGOV (13 74 68) www.daf.qld.gov.au
• Matters of National Environmental Significance including listed threatened species and ecological communities	<i>Environment Protection and Biodiversity Conservation Act 1999</i>	Department of Agriculture, Water and the Environment (Australian Government)	Ph: 1800 803 772 www.environment.gov.au
• Development and planning processes	<i>Planning Act 2016</i> <i>State Development and Public Works Organisation Act 1971</i>	Department of State Development, Infrastructure, Local Government and Planning (Queensland Government)	Ph: 13 QGOV (13 74 68) www.dsdmip.qld.gov.au
• Local government requirements	<i>Local Government Act 2009</i> <i>Planning Act 2016</i>	Department of State Development, Infrastructure, Local Government and Planning (Queensland Government)	Ph: 13 QGOV (13 74 68) Your relevant local government office
• Harvesting timber in the Wet Tropics of Qld World Heritage area	<i>Wet Tropics World Heritage Protection and Management Act 1993</i>	Wet Tropics Management Authority	Ph: (07) 4241 0500 www.wettropics.gov.au