

APPENDIX A

Database Searches

BCC DS

LODGED

24/07/2022

APPLICATION REF

A006067610



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: 05-Apr-2022

[Summary](#)

[Details](#)

[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)

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:	5
Listed Threatened Species:	39
Listed Migratory Species:	16

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

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 <http://www.environment.gov.au/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:	1
Commonwealth Heritage Places:	1
Listed Marine Species:	21
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:	1
Regional Forest Agreements:	None
Nationally Important Wetlands:	1
EPBC Act Referrals:	4
Key Ecological Features (Marine):	None
Biologically Important Areas:	None
Bioregional Assessments:	1
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	20 - 30km upstream from Ramsar site	In feature area

Listed Threatened Ecological Communities [\[Resource Information \]](#)

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 may occur within area	In feature area
Coastal Swamp Sclerophyll Forest of New South Wales and South East Queensland	Endangered	Community known to occur within area	In feature area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area	In feature area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may 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 feature area

Listed Threatened Species [\[Resource Information \]](#)

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	Foraging, feeding or related behaviour likely 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 likely to occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	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 may 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
Erythrotriorchis 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
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
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area	In feature area
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	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
MAMMAL			
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat may occur within area	In feature area
Dasyurus hallucatus Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	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 [254]	Vulnerable	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
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

Scientific Name	Threatened Category	Presence Text	Buffer Status
Potorous tridactylus tridactylus Long-nosed Potoroo (northern) [66645]	Vulnerable	Species or species habitat may occur within area	In feature area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area	In feature area
PLANT			
Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat likely to 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
Corchorus cunninghamii Native Jute [14659]	Endangered	Species or species habitat may occur within area	In buffer area only
Cupaniopsis shirleyana Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat may occur within area	In feature area
Dichanthium setosum bluegrass [14159]	Vulnerable	Species or species habitat may occur within area	In feature area
Fontainea venosa [24040]	Vulnerable	Species or species habitat may occur within area	In feature area
Macadamia integrifolia Macadamia Nut, Queensland Nut Tree, Smooth-shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat likely 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
Notelaea ipsviciensis Cooneana Olive [81858]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Rhodamnia rubescens Scrub Turpentine, Brown Malletwood [15763]	Critically Endangered	Species or species habitat may occur within area	In feature area
Rhodomyrtus psidioides Native Guava [19162]	Critically Endangered	Species or species habitat may occur within area	In feature area
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat likely to occur within area	In feature area
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat may occur within area	In feature area

REPTILE

Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat may occur within area	In feature area
Furina dunmalli Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area	In feature area

Listed Migratory Species

[[Resource Information](#)]

Scientific Name	Threatened Category	Presence Text	Buffer Status
Migratory Marine Birds			
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area	In feature area
Migratory Terrestrial Species			
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		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
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Motacilla flava Yellow Wagtail [644]		Species or species habitat may 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 likely to occur within area	In feature area
Migratory Wetlands Species			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may 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 may 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
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area	In feature area

Other Matters Protected by the EPBC Act

Commonwealth Lands [\[Resource Information \]](#)

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Commonwealth Land Name	State	Buffer Status
Defence		
Defence - GREENBANK TRAINING AREA [31012]	QLD	In buffer area only

Commonwealth Heritage Places [\[Resource Information \]](#)

Name	State	Status	Buffer Status
Natural			
Greenbank Military Training Area (part)	QLD	Listed place	In buffer area only

Listed Marine Species [\[Resource Information \]](#)

Scientific Name	Threatened Category	Presence Text	Buffer Status
Bird			
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area	In feature area
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
Bubulcus ibis as Ardea ibis Cattle Egret [66521]		Species or species habitat may occur within area overfly marine area	In feature area

Scientific Name	Threatened Category	Presence Text	Buffer Status
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area	In feature area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area overfly marine area	In feature area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area overfly marine area	In feature area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]	Vulnerable	Species or species habitat may occur within area	In feature area
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
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
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

Scientific Name	Threatened Category	Presence Text	Buffer Status
Motacilla flava Yellow Wagtail [644]		Species or species habitat may 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
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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 likely to occur within area overfly marine area	In feature area
Symposiachrus trivirgatus as Monarcha trivirgatus Spectacled Monarch [83946]		Species or species habitat likely to occur within area overfly marine area	In feature area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area overfly marine area	In feature area

Extra Information

State and Territory Reserves			[Resource Information]
Protected Area Name	Reserve Type	State	Buffer Status
Blunder Creek Reserve	Nature Refuge	QLD	In feature area
Nationally Important Wetlands			[Resource Information]
Wetland Name		State	Buffer Status
Greenbank Army Training Area C		QLD	In buffer area only
EPBC Act Referrals			[Resource Information]

Title of referral	Reference	Referral Outcome	Assessment Status	Buffer Status
Not controlled action				
Improving rabbit biocontrol: releasing another strain of RHDV, sthrn two thirds of Australia	2015/7522	Not Controlled Action	Completed	In feature area
Logan Enhancement Project, Qld	2016/7683	Not Controlled Action	Completed	In buffer area only
Roma to Brisbane Gas Transmission Pipeline Metropolitan Loop	2012/6660	Not Controlled Action	Completed	In buffer area only
Not controlled action (particular manner)				
Construction & Operation 275/330kV Transmission Line	2006/2820	Not Controlled Action (Particular Manner)	Post-Approval	In feature area

Bioregional Assessments

SubRegion	BioRegion	Website	Buffer Status
Clarence-Moreton	Clarence-Moreton	BA website	In feature area

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: All

Records: Confirmed

Date: Since 1980

Latitude: -27.6211

Longitude: 152.9837

Distance: 1

Email: office@s5consulting.com.au

Date submitted: Tuesday 09 Nov 2021 08:11:35

Date extracted: Tuesday 09 Nov 2021 08:20:02

The number of records retrieved = 163

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	amphibians	Bufo	<i>Rhinella marina</i>	cane toad	Y			2
animals	amphibians	Hylidae	<i>Litoria fallax</i>	eastern sedgefrog		C		2
animals	amphibians	Hylidae	<i>Litoria gracilentia</i>	graceful treefrog		C		1
animals	amphibians	Hylidae	<i>Litoria nasuta</i>	striped rocketfrog		C		1
animals	amphibians	Hylidae	<i>Litoria rubella</i>	ruddy treefrog		C		1
animals	amphibians	Limnodynastidae	<i>Limnodynastes terraereginae</i>	scarlet sided pobblebonk		C		1
animals	amphibians	Limnodynastidae	<i>Platyplectrum ornatum</i>	ornate burrowing frog		C		1
animals	amphibians	Myobatrachidae	<i>Pseudophryne raveni</i>	copper backed broodfrog		C		1
animals	birds	Acanthizidae	<i>Gerygone olivacea</i>	white-throated gerygone		C		1
animals	birds	Acanthizidae	<i>Sericornis frontalis</i>	white-browed scrubwren		C		1
animals	birds	Acanthizidae	<i>Smicromnis brevirostris</i>	weebill		C		1
animals	birds	Accipitridae	<i>Accipiter fasciatus</i>	brown goshawk		C		1
animals	birds	Accipitridae	<i>Aviceda subcristata</i>	Pacific baza		C		2
animals	birds	Acrocephalidae	<i>Acrocephalus australis</i>	Australian reed-warbler		C		1
animals	birds	Aegothelidae	<i>Aegotheles cristatus</i>	Australian owl-nightjar		C		1
animals	birds	Anatidae	<i>Anas superciliosa</i>	Pacific black duck		C		1
animals	birds	Anatidae	<i>Aythya australis</i>	hardhead		C		1
animals	birds	Anatidae	<i>Chenonetta jubata</i>	Australian wood duck		C		1
animals	birds	Anhingidae	<i>Anhinga novaehollandiae</i>	Australasian darter		C		1
animals	birds	Ardeidae	<i>Ardea alba modesta</i>	eastern great egret		C		1
animals	birds	Ardeidae	<i>Ardea pacifica</i>	white-necked heron		C		1
animals	birds	Ardeidae	<i>Bubulcus ibis</i>	cattle egret		C		1
animals	birds	Ardeidae	<i>Egretta novaehollandiae</i>	white-faced heron		C		1
animals	birds	Artamidae	<i>Cracticus nigrogularis</i>	piebald butcherbird		C		3
animals	birds	Artamidae	<i>Cracticus torquatus</i>	grey butcherbird		C		2
animals	birds	Artamidae	<i>Gymnorhina tibicen</i>	Australian magpie		C		2
animals	birds	Artamidae	<i>Strepera graculina</i>	piebald currawong		C		1
animals	birds	Cacatuidae	<i>Cacatua galerita</i>	sulphur-crested cockatoo		C		2
animals	birds	Cacatuidae	<i>Eolophus roseicapilla</i>	galah		C		1
animals	birds	Campephagidae	<i>Coracina novaehollandiae</i>	black-faced cuckoo-shrike		C		1
animals	birds	Campephagidae	<i>Coracina tenuirostris</i>	black-faced cuckoo-shrike		C		1
animals	birds	Campephagidae	<i>Lalage leucomela</i>	varied triller		C		1
animals	birds	Charadriidae	<i>Vanellus miles novaehollandiae</i>	masked lapwing (southern subspecies)		C		1
animals	birds	Cisticolidae	<i>Cisticola exilis</i>	golden-headed cisticola		C		1
animals	birds	Columbidae	<i>Geopelia humeralis</i>	bar-shouldered dove		C		2
animals	birds	Columbidae	<i>Geopelia striata</i>	peaceful dove		C		1
animals	birds	Columbidae	<i>Ocyphaps lophotes</i>	crested pigeon		C		2
animals	birds	Columbidae	<i>Phaps chalcoptera</i>	common bronzewing		C		1
animals	birds	Columbidae	<i>Streptopelia chinensis</i>	spotted dove	Y			2
animals	birds	Coraciidae	<i>Eurystomus orientalis</i>	dollarbird		C		1
animals	birds	Corvidae	<i>Corvus orru</i>	Torresian crow		C		2
animals	birds	Cuculidae	<i>Cacomantis flabelliformis</i>	fan-tailed cuckoo		C		2
animals	birds	Cuculidae	<i>Centropus phasianinus</i>	pheasant coucal		C		1
animals	birds	Cuculidae	<i>Eudynamys orientalis</i>	eastern koel		C		1
animals	birds	Cuculidae	<i>Scythrops novaehollandiae</i>	channel-billed cuckoo		C		1
animals	birds	Dicruridae	<i>Dicrurus bracteatus</i>	spangled drongo		C		2

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Estrildidae	<i>Neochmia temporalis</i>	red-browed finch		C		1
animals	birds	Estrildidae	<i>Taeniopygia bichenovii</i>	double-barred finch		C		1
animals	birds	Falconidae	<i>Falco longipennis</i>	Australian hobby		C		1
animals	birds	Halcyonidae	<i>Dacelo novaeguineae</i>	laughing kookaburra		C		2
animals	birds	Halcyonidae	<i>Todiramphus macleayii</i>	forest kingfisher		C		1
animals	birds	Halcyonidae	<i>Todiramphus sanctus</i>	sacred kingfisher		C		1
animals	birds	Hirundinidae	<i>Hirundo neoxena</i>	welcome swallow		C		1
animals	birds	Maluridae	<i>Malurus cyaneus</i>	superb fairy-wren		C		2
animals	birds	Maluridae	<i>Malurus lamberti</i>	variegated fairy-wren		C		2
animals	birds	Megapodiidae	<i>Alectura lathamii</i>	Australian brush-turkey		C		1
animals	birds	Meliphagidae	<i>Caligavis chrysops</i>	yellow-faced honeyeater		C		2
animals	birds	Meliphagidae	<i>Entomyzon cyanotis</i>	blue-faced honeyeater		C		1
animals	birds	Meliphagidae	<i>Lichmera indistincta</i>	brown honeyeater		C		1
animals	birds	Meliphagidae	<i>Manorina melanocephala</i>	noisy miner		C		1
animals	birds	Meliphagidae	<i>Meliphaga lewinii</i>	Lewin's honeyeater		C		1
animals	birds	Meliphagidae	<i>Melithreptus albogularis</i>	white-throated honeyeater		C		2
animals	birds	Meliphagidae	<i>Myzomela sanguinolenta</i>	scarlet honeyeater		C		1
animals	birds	Meliphagidae	<i>Philemon corniculatus</i>	noisy friarbird		C		1
animals	birds	Meropidae	<i>Merops ornatus</i>	rainbow bee-eater		C		2
animals	birds	Monarchidae	<i>Grallina cyanoleuca</i>	magpie-lark		C		1
animals	birds	Monarchidae	<i>Myiagra rubecula</i>	leaden flycatcher		C		1
animals	birds	Nectariniidae	<i>Dicaeum hirundinaceum</i>	mistletoebird		C		1
animals	birds	Oriolidae	<i>Oriolus sagittatus</i>	olive-backed oriole		C		2
animals	birds	Oriolidae	<i>Sphecotheres vieilloti</i>	Australasian figbird		C		2
animals	birds	Pachycephalidae	<i>Colluricincla harmonica</i>	grey shrike-thrush		C		2
animals	birds	Pachycephalidae	<i>Pachycephala pectoralis</i>	golden whistler		C		1
animals	birds	Pachycephalidae	<i>Pachycephala rufiventris</i>	rufous whistler		C		2
animals	birds	Pardalotidae	<i>Pardalotus punctatus</i>	spotted pardalote		C		1
animals	birds	Pardalotidae	<i>Pardalotus striatus</i>	striated pardalote		C		2
animals	birds	Pelecanidae	<i>Pelecanus conspicillatus</i>	Australian pelican		C		1
animals	birds	Petroicidae	<i>Eopsaltria australis</i>	eastern yellow robin		C		2
animals	birds	Petroicidae	<i>Tregellasia capito</i>	pale-yellow robin		C		1
animals	birds	Phalacrocoracidae	<i>Microcarbo melanoleucos</i>	little pied cormorant		C		1
animals	birds	Phalacrocoracidae	<i>Phalacrocorax sulcirostris</i>	little black cormorant		C		1
animals	birds	Phalacrocoracidae	<i>Phalacrocorax varius</i>	pied cormorant		C		1
animals	birds	Podargidae	<i>Podargus strigoides</i>	tawny frogmouth		C		2
animals	birds	Psittacidae	<i>Parvipsitta pusilla</i>	little lorikeet		C		1
animals	birds	Psittacidae	<i>Platycercus adscitus</i>	pale-headed rosella		C		1
animals	birds	Psittacidae	<i>Platycercus adscitus palliceps</i>	pale-headed rosella (southern form)		C		1
animals	birds	Psittacidae	<i>Trichoglossus chlorolepidotus</i>	scaly-breasted lorikeet		C		2
animals	birds	Psittacidae	<i>Trichoglossus moluccanus</i>	rainbow lorikeet		C		2
animals	birds	Rallidae	<i>Fulica atra</i>	Eurasian coot		C		1
animals	birds	Rallidae	<i>Gallinula tenebrosa</i>	dusky moorhen		C		2
animals	birds	Rallidae	<i>Porphyrio melanotus</i>	purple swamphen		C		1
animals	birds	Rhipiduridae	<i>Rhipidura albiscapa</i>	grey fantail		C		1
animals	birds	Rhipiduridae	<i>Rhipidura leucophrys</i>	willie wagtail		C		1

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	birds	Strigidae	<i>Ninox boobook</i>	southern boobook		C		1
animals	birds	Threskiornithidae	<i>Platalea regia</i>	royal spoonbill		C		1
animals	birds	Threskiornithidae	<i>Threskiornis molucca</i>	Australian white ibis		C		1
animals	birds	Timaliidae	<i>Zosterops lateralis</i>	silveryeye		C		2
animals	birds	Tytonidae	<i>Tyto delicatula</i>	eastern barn owl		C		1
animals	mammals	Canidae	<i>Vulpes vulpes</i>	red fox	Y			1
animals	mammals	Dasyuridae	<i>Antechinus flavipes flavipes</i>	yellow-footed antechinus (south-east Queensland)		C		1
animals	mammals	Dasyuridae	<i>Planigale maculata</i>	common planigale		C		1
animals	mammals	Leporidae	<i>Lepus europaeus</i>	European brown hare	Y			1
animals	mammals	Macropodidae	<i>Notamacropus rufogriseus</i>	red-necked wallaby		C		1
animals	mammals	Macropodidae	<i>Wallabia bicolor</i>	swamp wallaby		C		1
animals	mammals	Molossidae	<i>Austronomus australis</i>	white-striped freetail bat		C		1
animals	mammals	Muridae	<i>Mus musculus</i>	house mouse	Y			1
animals	mammals	Muridae	<i>Rattus rattus</i>	black rat	Y			2
animals	mammals	Peramelidae	<i>Isoodon macrourus</i>	northern brown bandicoot		C		2
animals	mammals	Petauridae	<i>Petaurus norfolcensis</i>	squirrel glider		C		2
animals	mammals	Phalangeridae	<i>Trichosurus vulpecula</i>	common brushtail possum		C		4
animals	mammals	Phascolarctidae	<i>Phascolarctos cinereus</i>	koala		V	V	1
animals	mammals	Pseudocheiridae	<i>Pseudocheirus peregrinus</i>	common ringtail possum		C		3
animals	mammals	Pteropodidae	<i>Pteropus alecto</i>	black flying-fox		C		1
animals	mammals	Pteropodidae	<i>Pteropus poliocephalus</i>	grey-headed flying-fox		C	V	2
animals	mammals	Pteropodidae	<i>Pteropus scapulatus</i>	little red flying-fox		C		1
animals	mammals	Tachyglossidae	<i>Tachyglossus aculeatus</i>	short-beaked echidna		SL		1
animals	ray-finned fishes	Ambassidae	<i>Ambassis agassizii</i>	Agassiz's glassfish				7
animals	ray-finned fishes	Anguillidae	<i>Anguilla australis</i>	southern shortfin eel				2
animals	ray-finned fishes	Anguillidae	<i>Anguilla reinhardtii</i>	longfin eel				18
animals	ray-finned fishes	Atherinidae	<i>Craterocephalus stercusmuscarum</i>	flyspecked hardyhead				3
animals	ray-finned fishes	Cichlidae	<i>Oreochromis mossambica</i>	Mozambique mouthbrooder	Y			1
animals	ray-finned fishes	Cyprinidae	<i>Carassius auratus</i>	goldfish	Y			11
animals	ray-finned fishes	Eleotridae	<i>Gobiomorphus australis</i>	striped gudgeon				4
animals	ray-finned fishes	Eleotridae	<i>Hypseleotris compressa</i>	empire gudgeon				5
animals	ray-finned fishes	Eleotridae	<i>Hypseleotris galii</i>	firetail gudgeon				23
animals	ray-finned fishes	Eleotridae	<i>Hypseleotris klunzingeri</i>	western carp gudgeon				2
animals	ray-finned fishes	Melanotaeniidae	<i>Melanotaenia duboulayi</i>	crimsonspotted rainbowfish				11
animals	ray-finned fishes	Plotosidae	<i>Tandanus tandanus</i>	freshwater catfish				1
animals	ray-finned fishes	Poeciliidae	<i>Gambusia holbrooki</i>	mosquitofish	Y			23
animals	ray-finned fishes	Poeciliidae	<i>Xiphophorus hellerii</i>	swordtail	Y			18
animals	ray-finned fishes	Poeciliidae	<i>Xiphophorus maculatus</i>	platy	Y			17
animals	ray-finned fishes	Terapontidae	<i>Amniataba percoides</i>	barred grunter				1
animals	ray-finned fishes	Terapontidae	<i>Leiopotherapon unicolor</i>	spangled perch				1
animals	reptiles	Agamidae	<i>Diporiphora australis</i>	tommy roundhead		C		1
animals	reptiles	Agamidae	<i>Intellagama lesueurii</i>	eastern water dragon		C		1
animals	reptiles	Agamidae	<i>Pogona barbata</i>	bearded dragon		C		1
animals	reptiles	Elapidae	<i>Cryptophis nigrescens</i>	eastern small-eyed snake		C		1
animals	reptiles	Elapidae	<i>Demansia psammophis</i>	yellow-faced whipsnake		C		1

Kingdom	Class	Family	Scientific Name	Common Name	I	Q	A	Records
animals	reptiles	Gekkonidae	<i>Gehyra dubia</i>	dubious dtella		C		1
animals	reptiles	Gekkonidae	<i>Hemidactylus frenatus</i>	house gecko	Y			1
animals	reptiles	Scincidae	<i>Calyptotis scutirostrum</i>	scute-snouted calyptotis		C		1
animals	reptiles	Scincidae	<i>Carlia vivax</i>	tussock rainbow-skink		C		1
animals	reptiles	Scincidae	<i>Cryptoblepharus pulcher pulcher</i>	elegant snake-eyed skink		C		2
animals	reptiles	Scincidae	<i>Cryptoblepharus virgatus</i>	striped snake-eyed skink		C		1
animals	reptiles	Scincidae	<i>Ctenotus spaldingi</i>	straight-browed ctenotus		C		1
animals	reptiles	Scincidae	<i>Cyclodomorphus gerrardii</i>	pink-tongued lizard		C		1
animals	reptiles	Scincidae	<i>Lampropholis delicata</i>	dark-flecked garden sunskink		C		2
animals	reptiles	Scincidae	<i>Lampropholis guichenoti</i>	pale-flecked garden sunskink		C		1
animals	reptiles	Scincidae	<i>Lygisaurus foliorum</i>	tree-base litter-skink		C		1
animals	reptiles	Scincidae	<i>Morethia taeniopleura</i>	fire-tailed skink		C		1
fungi	Agaricomycetes	Tricholomataceae	<i>Macrocybe crassa</i>			C		1/1
plants	land plants	Asteraceae	<i>Eclipta prostrata</i>	white eclipta	Y			1/1
plants	land plants	Asteraceae	<i>Symphotrichum subulatum</i>		Y			1/1
plants	land plants	Caryophyllaceae	<i>Petrohragia dubia</i>		Y			1/1
plants	land plants	Cyperaceae	<i>Cyperus eragrostis</i>		Y			1/1
plants	land plants	Dennstaedtiaceae	<i>Pteridium esculentum</i>	common bracken			C	1/1
plants	land plants	Mimosaceae	<i>Leucaena leucocephala subsp. glabrata</i>		Y			1/1
plants	land plants	Myrsinaceae	<i>Lysimachia arvensis</i>		Y			1/1
plants	land plants	Onagraceae	<i>Ludwigia octovalvis</i>	willow primrose			C	2/2
plants	land plants	Poaceae	<i>Digitaria longiflora</i>				C	1/1
plants	land plants	Polygonaceae	<i>Persicaria prostrata</i>	creeping knotweed			C	1/1
plants	land plants	Rutaceae	<i>Acronychia imperforata</i>	beach acronychia			C	1/1
plants	land plants	Schizaeaceae	<i>Schizaea bifida</i>	forked comb fern			C	1/1
plants	land plants	Verbenaceae	<i>Verbena litoralis var. brevibracteata</i>		Y			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.

APPENDIX B

BCC Mapping



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Matters of state environmental significance areas (MSES)



Matters of state environmental significance areas (MSES)

Matters of state environmental significance lines

Matters of state environmental significance lines (MSES)

Biodiversity areas overlay Koala habitat areas



Koala habitat area

Biodiversity areas overlay Biodiversity areas



High ecological significance

Biodiversity areas overlay Biodiversity areas



High ecological significance strategic

Biodiversity areas overlay Biodiversity areas



General ecological significance

Biodiversity areas overlay Biodiversity areas



General ecological significance strategic

Local Government Authorities



LGA boundary



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- Bushfire**
 High hazard area
- Bushfire**
 Medium hazard area
- Bushfire**
 High hazard buffer area
- Bushfire**
 Medium hazard buffer area
- Bushfire**
 Potential impact
- Bushfire**
 Potential impact buffer
- Bushfire**
 Very high potential bushfire intensity
- Bushfire**
 High potential bushfire intensity
- Bushfire**
 Medium potential bushfire intensity
- Local Government Authorities**
 LGA boundary

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APPENDIX C

Response to the BCC Ecologically Relevant Overlay Codes

Biodiversity Areas Overlay Code

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
Section A – If for a dwelling house or associated filling or excavation				
PO1 Development is within a single development footprint sited to: a. minimise the clearing and fragmentation of native vegetation, including any vegetative growth and material of vegetative origin, whether living or dead, including trunks, branches, stems, leaves, fruits and flowers, and ecological features within the Biodiversity areas overlay; b. maximise the extent of habitat restoration of areas of strategic biodiversity value within the High ecological significance sub-category or the High ecological significance strategic sub-category on the Biodiversity areas overlay. Note—An ecological assessment prepared in accordance with the Biodiversity areas planning scheme policy can assist in demonstrating achievement of this performance outcome. Note—A development footprint may be used to fulfil recommendations of an ecological assessment. A development footprint plan can be shown on a plan of survey or be part of approved development.	AO1.1 Development ensures that the dwelling house is contained within a single development footprint plan, that minimises the proportion of the development footprint within the High ecological significance sub-category, the High ecological significance strategic sub-category, the General ecological significance sub-category or the General ecological significance strategic sub-category. Note—Where there is no approved development footprint plan, a development footprint plan is to be prepared to support this acceptable outcome and this plan forms part of the approved development.	NA		
	AO1.2 Development ensures that the dwelling house is contained within a single development footprint plan, no greater than: a. 1000m2 where in the Low density residential zone, the Low-medium density residential zone, the Medium density residential zone, High density residential zone or the Character residential zone; or b. 2500m2 where in the Environmental management zone, the Conservation zone,			

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>the Emerging community zone, the Rural zone or the Rural residential zone, as shown in Figure a.</p> <p>AO1.3 Development ensures that management of vegetation undertaken to reduce risk from bushfire hazard, as demonstrated through a Bushfire Management Plan, occurs within a single bushfire management footprint plan no greater than 1500m2 which adjoins the development footprint plan. Refer to Figure c.</p>			
<p>PO2 Development ensures that ecological features and ecological processes, koala habitat trees, areas of strategic biodiversity value and wetlands are protected to ensure their long-term viability.</p>	<p>AO2 Development ensures that the development footprint plan conserves ecological features (including significant vegetation communities listed in Table 8.2.4.3.B, significant flora species listed in Table 8.2.4.3.C, or significant fauna species listed in Table 8.2.4.3.D), koala habitat trees, areas of strategic biodiversity value and wetlands in a spatial configuration which:</p>	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	a. conserves areas within the High ecological significance sub-category or the High ecological significance strategic sub-category that connect habitat; b. maximises the size and consolidates areas to be conserved for biodiversity purposes on site; c. provides connectivity between areas to be conserved for biodiversity purposes on site; d. excludes filling or excavation from areas to be conserved for biodiversity, except where it is directly associated with habitat restoration.			
Section B—If for filling or excavation				
PO3 Filling or excavation protects the High ecological significance sub-category, the High ecological significance strategic sub-category, the General ecological significance sub-category and the General ecological significance strategic sub-category ecological features (including significant vegetation communities listed in Table 8.2.4.3.B, significant flora species listed in Table 8.2.4.3.C, or significant fauna species listed in Table 8.2.4.3.D), koala habitat trees, areas with strategic biodiversity value, and wetlands, and	AO3 Development ensures that filling or excavation, other than where directly associated with habitat restoration, is contained within an area located entirely outside of: a. the High ecological significance sub-category; b. the High ecological significance strategic sub-category; c. the General ecological significance sub-category; d. the General ecological significance strategic sub-category;	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
mitigates the impact on ecological processes. Note—Guidance on identifying koala habitat is included in the Biodiversity areas planning scheme policy. Note—Where proposing development within the High ecological significance sub-category, the High ecological significance strategic sub-category, the General ecological significance sub-category or the General ecological significance strategic sub-category, refer to section 8.2.4.1 Application of this code with regard to satisfying the Purpose of the code and this performance outcome.	e. the tree protection zone of non-juvenile koala habitat trees as shown in Figure b. Note—A tree survey prepared in accordance with the Biodiversity areas planning scheme policy can assist in demonstrating achievement of acceptable outcome (e).			
Section C				
If a site is wholly or partly in the High ecological significance sub-category or the High ecological significance strategic sub-category				
PO4 Development ensures that ecological features and ecological processes, koala habitat trees, areas of strategic biodiversity value, waterways and wetlands within the High ecological significance sub-category or the High ecological significance strategic sub-category are protected, conserved and restored to ensure the area's long-term viability. Note—Where proposing development within the High ecological significance sub-category, the High	AO4.1 Development: a. ensures that the development footprint, including roads, services, stormwater management infrastructure, any associated filling or excavation works and any fire management access and buffers, are located wholly outside the High ecological significance sub-category or the High ecological significance strategic sub-category; or b. complies with AO4.2, AO4.3 and AO4.4.	PS. Development largely avoids HES and HESS mapped areas. The north-western extent mapped with HESS contains solely exotic and garden plant species. This area is proposed to be cleared for a stormwater channel and partially rehabilitated with native groundcover species and canopy trees on batters, and partially turfed for a maintenance access track. All HES vegetation is to be retained (pending inspection by an arborist for vegetation immediately surrounding the proposed		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
<p>ecological significance strategic sub-category, the General ecological significance sub-category or the General ecological significance strategic sub-category, refer to section 8.2.4.1 Application of this code with regard to satisfying the Purpose of the code and this performance outcome. The proposed solution must provide the same level of service without significant disruption of biodiversity values or outcomes.</p>	<p>AO4.2 Development ensures that the development footprint, design and layout are informed by an ecological assessment which:</p> <p>a. identifies and evaluates biodiversity values, ecological features (including significant vegetation communities listed in Table 8.2.4.3.B, significant flora species listed in Table 8.2.4.3.C, or significant fauna species listed in Table 8.2.4.3.D), koala habitat trees, areas of strategic biodiversity value, waterways and wetlands;</p> <p>b. identifies the likely impacts of the development to biodiversity;</p> <p>c. outlines how any potential impacts on biodiversity will be avoided and mitigated.</p> <p>Note—Guidance on completing an ecological assessment, development design and identifying koala habitat are included in the Biodiversity areas planning scheme policy.</p>		<p>stormwater drain). Some HESS vegetation may need to be removed at the eastern most extent of the stormwater channel, however this area is proposed to be rehabilitated.</p>	
	<p>AO4.3 Development ensures that the development footprint, design and layout conserves ecological features (including significant vegetation communities listed in Table 8.2.4.3.B, significant flora species listed in Table 8.2.4.3.C, or significant fauna species listed in Table 8.2.4.3.D), koala habitat trees and wetlands in a spatial configuration which:</p>			

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>a. conserves areas within the High ecological significance sub-category or the High ecological significance strategic sub-category that connect habitat or areas of strategic biodiversity value which have the capacity to connect habitat upon being restored;</p> <p>b. maximises the size and consolidates areas to be conserved for biodiversity purposes on site and in combination with adjoining sites;</p> <p>c. provides connectivity between areas to be conserved for biodiversity purposes on site and with adjoining sites;</p> <p>d. minimises the edge-to-area ratio of areas to be conserved for biodiversity purposes to limit edge effects;</p> <p>e. minimises fragmentation by infrastructure;</p> <p>f. includes a single development footprint plan for each new residential lot to be created which is:</p> <p>i. 1000m² or less where on a lot in the Low density residential zone, the Low-medium density residential zone, the Medium density residential zone, the High density residential zone or the Character residential zone;</p> <p>ii. 2500m² or less where on a lot in the Environmental management zone, the</p>			

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>Conservation zone, the Emerging community zone, the Rural zone or the Rural residential zone;</p> <p>g. excludes filling or excavation from areas to be conserved for biodiversity, except where it is directly associated with habitat restoration.</p> <p>Note—Guidance on development design is included in the Biodiversity areas planning scheme policy.</p> <p>AO4.4 Development is designed to minimise edge effects by locating land uses compatible with the long-term preservation of biodiversity adjacent to areas within the High ecological significance sub-category or the High ecological significance strategic sub-category, including:</p> <p>a. esplanade roads and pathways;</p> <p>b. landscaping or habitat restoration areas consisting of local indigenous plant species;</p> <p>c. open space land uses;</p> <p>d. employee or communal recreation areas;</p> <p>e. stormwater management infrastructure where adopting water sensitive urban design solutions.</p> <p>Note—Guidance on development design to minimise edge effects is included in the Biodiversity areas planning scheme policy.</p>			
If a site is wholly or partly in the High ecological significance sub-category or the High ecological significance strategic sub-category, where involving a new road				

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO5 Development for a road is designed and constructed to facilitate the safe movement of native fauna.	AO5 Development incorporates location-specific wildlife movement solutions, on any roads which dissect an area within the High ecological significance sub-category or the High ecological significance strategic sub-category. Note—Locations for wildlife movement solutions may be indicated on the Streetscape hierarchy overlay mapping. Guidance on wildlife movement infrastructure is included in the Infrastructure design planning scheme policy	PS. Fauna exclusion fencing is recommended along the southern edge of the stormwater channel to discourage fauna movement through the northern portion of the site to be developed. Movement of fauna is to be encouraged through the southern extent of the subject site, any fencing along the southern boundary of the subject site and the Blunder Creek corridor is to be fauna friendly.		
If a site is wholly or partly in the General ecological significance sub-category or the General ecological significance strategic sub-category				
PO6 Development ensures that ecological features and ecological processes, koala habitat trees, areas of strategic biodiversity value and wetlands within the General ecological significance sub-category or the General ecological significance strategic sub-category area are protected, conserved and restored to ensure the area's long-term viability. Note—Where proposing development within the High ecological significance sub-category, the High	AO6.1 Development: a. ensures that the development footprint including roads, services, stormwater management infrastructure, any associated filling or excavation works and any fire management access and buffers, are located wholly outside the General ecological significance sub-category or the General ecological significance strategic sub-category; or b. Complies with AO6.2 and AO6.3	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
<p>ecological significance strategic sub-category, the General ecological significance sub-category or the General ecological significance strategic sub-category, refer to section 8.2.4.1 Application of this code with regard to satisfying the Purpose of the code and this performance outcome. The proposed solution must provide the same level of service without significant disruption of biodiversity values or outcomes.</p>	<p>AO6.2 Development ensures that the development footprint, design and layout are informed by an ecological assessment which:</p> <p>a. identifies and evaluates biodiversity values, ecological features (including significant vegetation communities listed in Table 8.2.4.3.B, significant flora species listed in Table 8.2.4.3.C, or significant fauna species listed in Table 8.2.4.3.D), koala habitat trees, areas of strategic biodiversity value, waterways and wetlands;</p> <p>b. identifies the likely impacts of the development to biodiversity;</p> <p>c. outlines how any potential impacts on biodiversity will be avoided and mitigated.</p> <p>Note—Guidance on completing an ecological assessment, development design and identifying koala habitat are included in the Biodiversity areas planning scheme policy.</p>			
	<p>AO6.3 Development ensures that the development footprint, design and layout conserves ecological features (including significant vegetation communities listed in Table 8.2.4.3.B, significant flora species listed in Table 8.2.4.3.C, or significant fauna species listed in Table 8.2.4.3.D), koala habitat trees, waterways and wetlands in a spatial configuration which:</p>			

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>a. maximises the size and consolidates areas of strategic biodiversity value to be conserved for biodiversity purposes on site and in combination with adjoining sites;</p> <p>b. maximises connectivity between areas to be conserved for biodiversity purposes on site and with adjoining sites;</p> <p>c. minimises the edge-to-area ratio of areas to be conserved for biodiversity purposes to limit edge effects;</p> <p>d. minimises fragmentation by infrastructure;</p> <p>e. includes a single development footprint plan for each new residential lot to be created which is:</p> <p>i. 1000m² or less where on a lot in the Low density residential zone, the Low-medium density residential zone, the Medium density residential zone, or the Character residential zone; or</p> <p>ii. 2500m² or less where on a lot in the Environmental management zone, the Conservation zone, the Emerging community zone, the Rural zone or the Rural residential zone;</p> <p>f. excludes filling or excavation from areas to be conserved for biodiversity except where it is directly associated with habitat restoration or revegetation works.</p>			

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	Note—Guidance on development design is included in the Biodiversity areas planning scheme policy.			
If a site is wholly or partly in the Koala habitat area sub-category, where not in the High ecological significance sub-category, High ecological significance strategic sub-category, General ecological significance sub-category or General ecological significance strategic sub-category				
PO7 Development is located and designed to protect and enhance koala habitat by: a. reducing threats to resident and transient koalas; b. protecting the maximum number of non-juvenile koala habitat trees in the Koala habitat area sub-category;	AO7.1 Development ensures that the development footprint, design and layout, including roads, are informed by an ecological assessment which identifies koala habitat trees, movement corridors and the likely impacts to koala habitat as a result of the development. Note—Guidance on identifying koala habitat, completing an ecological assessment and designing development to protect koalas is included in the Biodiversity areas planning scheme policy.		PS. The main potential movement corridor for koalas is east-to-west through the southern extent of the subject site. This corridor is to be retained and enhanced (with recommended weeding and planting) which may encourage potential koala movements through the site. Koala exclusion fencing is recommended along the southern boundary of the development footprint to discourage koala movement through the northern extent	

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
c. consolidating and maximising the size of areas to be conserved on site and in combination with adjoining sites; d. minimising the edge-to-area ratio of areas to be conserved, to limit edge effects; e. providing connectivity and safe koala movement between koala habitat areas. f. minimising fragmentation by infrastructure, particularly roads; g. excluding filling or excavation from areas to be conserved. Note—Guidance on identifying koala habitat is included in the Biodiversity areas planning scheme policy. Note—Where proposing development within the High ecological significance sub-category, the High ecological significance strategic sub-category, the General ecological significance sub-category or the General ecological significance strategic sub-category, refer to section 8.2.4.1 Application of this code with regard to satisfying the Purpose of the code and this performance outcome. The proposed solution must provide the same level of service without significant disruption of biodiversity values or outcomes.	AO7.2 Development ensures that the development footprint, design and layout: a. protects non-juvenile koala habitat trees; b. maximises the size and consolidates areas to be conserved as koala habitat on site and in combination with adjoining sites; c. maximises connectivity between non-juvenile koala habitat trees which will be conserved on site and with adjoining sites; d. excludes filling or excavation from the tree protection zone of non-juvenile koala habitat trees. Refer to Figure b.		of the site. A fauna friendly fencing design is recommended between the southern boundary of the subject site and the Blunder Creek corridor. Consolidating this large area will also reduce edge effects. There are few koala habitat trees outside mapped HES and HESS (9 trees along the western boundary in otherwise cleared paddock).	
	AO7.3 Development ensures that landscaping and open space areas incorporate koala habitat trees.			
PO8 Development design and layout facilitates the safe movement of koalas through the landscape.	AO8.1 Development ensures that fencing or other barriers are designed to allow safe koala movement, and to exclude koalas from areas containing domestic or security dogs.		Pet exclusion fencing is proposed along the southern boundary of the proposed development footprint.	

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>Note—Guidance on designing development to protect koalas is included in the Biodiversity areas planning scheme policy.</p> <p>A08.2 Development incorporates infrastructure solutions which facilitate the movement of koalas across a road which dissects bushland within the Koala habitat area sub-category. Note—Guidance on wildlife movement solutions suited to use by koalas is included in the Biodiversity areas planning scheme policy. Note—Further guidance on wildlife movement solutions is included in the Infrastructure design planning scheme policy.</p>		<p>The main potential movement corridor for koalas is east-to-west through the southern extent of the subject site. This corridor is to be retained and enhanced (with recommended weeding and planting) which will encourage potential koala movements through the site.</p> <p>Koala exclusion fencing is recommended along the southern boundary of the development footprint to discourage koala movement through the northern extent of the site.</p> <p>Any fencing along the southern boundary of the subject site and the Blunder Creek corridor is to be fauna friendly.</p>	
<p>If a site is wholly or partly located in the High ecological significance sub-category, the High ecological significance strategic sub-category, the General ecological significance sub-category or the General ecological significance strategic sub-category, other than for a dwelling house</p>				
<p>PO9 Development which has or is likely to have a significant residual impact on a matter of State environmental significance or a matter of local environmental significance, after all reasonable on-site mitigation measures have been or will be undertaken, provides an environmental offset. Note— Environmental offsets are provided in compliance with the Queensland environmental offsets framework and the Offsets planning scheme policy.</p>	<p>A09 No acceptable outcomes is prescribed.</p>	<p>NA</p>		

Waterway Corridor Overlay Code

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
Section A—If accepted development subject to compliance with identified requirements (acceptable outcomes only) or assessable development				
PO1 Development avoids or minimises clearing of riparian, native and significant vegetation and limits any clearing and disturbance to only the extent and location reasonably necessary for the use, to promote: <ul style="list-style-type: none"> a. bank stabilisation; b. connectivity between habitat areas; c. natural cooling of the urban environment; d. the natural aesthetic values of the corridor. Note—Guidance regarding retaining and enhancing vegetation species can be found in the Vegetation planning scheme policy and the Planting species planning scheme policy.	AO1.1 Development within the Local and Citywide waterway corridor sub-categories, or Brisbane River sub-category – sections 1 - 5 is located within an approved development footprint plan or complies with AO1.2, AO1.3 and AO1.4. AO1.2 Development within the Local and Citywide waterway corridor sub-categories, does not result in the removal of vegetation. Note—Removal of identified pest plant species within the waterway corridors may be supported. Vegetation on heritage sites will be assessed on a case by case basis. Editor's note—The Biosecurity Act 2014 lists the pest plant species that must be managed in Queensland. The Biosecurity Plan for the Brisbane Local Government Area outlines those pest plant species that pose a specific risk to Brisbane's biodiversity. AO1.3 Development within the Brisbane River corridor sub-category – section 1 does not result in the removal of vegetation within 30m of the highest astronomical tide. Refer to Figure a.		The development avoids earthworks within the centreline of the waterway but does however propose a stormwater channel within the waterway corridor. The proposed stormwater channel is to be replanted with native groundcover species as well as native canopy trees along batters where appropriate and in accordance with bushfire plans. Several exotic pest species will need to be removed for the proposed stormwater channel.	

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>Note—Removal of identified pest plant species within the waterway corridors may be supported. Vegetation on heritage sites will be assessed on a case by case basis. Editor's note—The Biosecurity Act 2014 lists the pest plant species that must be managed in Queensland. The Biosecurity Plan for the Brisbane Local Government Area outlines those pest plant species that pose a specific risk to Brisbane's biodiversity.</p> <p>AO1.4 Development in the Brisbane River corridor sub-category – section 2, 3, 4 or 5 does not result in the removal of vegetation within 20m of the highest astronomical tide. Refer to Figure a.</p> <p>Note—Removal of identified pest plant species within the waterway corridors may be supported. Vegetation on heritage sites will be assessed on a case by case basis. Editor's note—The Biosecurity Act 2014 lists the pest plant species that must be managed in Queensland. The Biosecurity Plan for the Brisbane Local Government Area outlines those pest plant species that pose a specific risk to Brisbane's biodiversity.</p>			
Additional criteria if in the Rochedale urban community neighbourhood plan area				
PO2 Development protects and enhances the function of waterway corridors, including: <ol style="list-style-type: none"> water conveyance; water quality; rehabilitation of ecological health and habitat values; recreation and amenity; 	AO2.1 Development includes waterway corridors that: <ol style="list-style-type: none"> are a minimum of: <ol style="list-style-type: none"> 60m wide; or the width as mapped within the Waterway corridors overlay whichever is greater; designs the corridors to be clear from development. 	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
e. preventing development from occurring within the waterway corridor.	AO2.2 Development rehabilitates the waterway corridor in accordance with an approved rehabilitation plan.			
Section B—If accepted development subject to compliance with identified requirements (acceptable outcomes only) or assessable development, for a new dwelling house or an extension to a dwelling house including any ancillary structures (e.g. swimming pool and tennis courts)				
PO3 Development is set back to: a. encourage natural filtration and infiltration to maintain water quality and flow conditions; b. contribute to natural cooling of the urban environment, via minimal impervious surfaces, retention of vegetation and continuity of naturally landscaped areas; c. positively contribute to the scenic landscape values of the Brisbane River by setting development back from the river and its banks; d. positively contribute to an open, natural setting for the waterway corridor.	AO3.1 Development is located within an approved development footprint plan, or complies with AO3.2, AO3.3 and AO3.4. AO3.2 Development within the Local waterway corridor sub-category: a. is set back a minimum of 15m from the Waterway corridor sub-category centre-line; or b. where for an extension to an existing dwelling house that is located within 15m of the Waterway corridor sub-category centre-line, the extension does not extend closer to the centre-line than the existing development footprint. Refer to Figure b.	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	<p>AO3.3 Development within the Citywide waterway corridor sub-category is:</p> <p>a. not located within the Citywide waterway corridor sub-category; or</p> <p>b. where for an extension to an existing dwelling house that is located within the Citywide waterway corridor sub-category, the extension does not extend closer to the Waterway corridor sub-category centre-line than the existing development footprint. Refer to Figure b.</p> <p>AO3.4 Development in the Brisbane River corridor sub-category – section 1:</p> <p>a. is set back a minimum of 30m from the highest astronomical tide; or</p> <p>b. where for an extension to an existing dwelling house that is located within 30m of the highest astronomical tide, the extension does not extend closer to the highest astronomical tide than the existing development footprint. Refer to Figure a.</p>			

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO4 Development in the Brisbane River corridor sub-category – sections 1 - 5 involving an ancillary building or structure: a. is of low visual impact, visually recessive and subordinate to the surrounding buildings; b. minimises their visual impact on the Brisbane River's landscape values.	AO3.5 Development within the Brisbane River corridor sub-category – sections 2, 3, 4 or 5: a. is set back a minimum of 20m from the highest astronomical tide; or b. where for an extension to an existing dwelling house that is located within 20m of the highest astronomical tide, the extension does not extend closer to the highest astronomical tide than the existing development footprint. Refer to Figure a. Editor's note—the location of the highest astronomical tides should be determined by a licensed surveyor. AO4.1 Development involving ancillary buildings or structures and hard-stand areas does not cover more than the following proportion of the corridor within the identified development setback from the highest astronomical tide: a. 30% in the Brisbane River corridor sub-category – section 1; b. 50% in the Brisbane River corridor sub-category – section 2 or 4; c. 70% in the Brisbane River corridor sub-category – section 3 or 5. Refer to Figure c.	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO5 Development in the Brisbane River corridor sub-category – sections 1 - 5 involving an ancillary building or structure: a. protects the character of the relevant Brisbane River corridor sub-category sections; b. minimised the need for retaining walls; c. provides landscaping along the river frontage in accordance with the relevant Brisbane River corridor sub-category sections.	AO4.2 Development of an ancillary building or structure is located and of a size consistent with Table 8.2.26.3.B. AO5 Development for an ancillary building or structure does not create a retaining wall over 1m in height and: a. for the Brisbane River corridor sub-category – section 1 is set back a minimum of 30m horizontal distance from the highest astronomical tide; b. for the Brisbane River corridor sub-category – sections 2, 3, 4 or 5: i. is set back a minimum of 20m horizontal distance from the highest astronomical tide; or ii. is screened from view from the Brisbane River by vegetation or topographic features such as high banks. c. for the Brisbane River corridor sub-category – section 2, 3 or 4 is located landward of a minimum 6m landscaped area which covers the full width of the site and includes: i. at least 1 tree that will grow to a height of at least 5m for every 20m ² of landscaped area;	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
	ii. a minimum of 50% garden area planted with ground cover and shrubs of various growth forms; iii. a maximum of 50% grassed/lawn area. Refer to Figure a and Figure d.			
Section C—If accepted development subject to compliance with identified requirements (acceptable outcomes only) or assessable development other than a dwelling house in a Citywide waterway corridor sub-category or the Local waterway corridor sub-category				
PO6 Development protects and enhances the values and functions of a waterway corridor by: a. avoiding fragmentation of the waterway; b. providing environmental connectivity along the waterway; c. maintaining natural flow conditions; d. protecting water quality, ecological health and habitat values; e. protecting water conveyance; f. contributing to the waterway corridor natural amenity;	AO6.1 Development is not located within a waterway corridor.	PS. Development proposes to turf the maintenance track but revegetate the stormwater channel with native groundcover species and plant batters with canopy species (with canopy planting undertaken in accordance with a Bushfire Hazard Assessment and Management Plan). This will improve: <ul style="list-style-type: none"> the environmental connectivity of the waterway; the waterway corridors natural enmity as the area largely exists as unmaintained paddock dominated by exotic groundcover species; and 		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
<p>g. contributing to recreation where planned within the Local government infrastructure plan;</p> <p>h. contributing to natural cooling of the urban environment via minimal impervious surfaces, retention of vegetation and continuity of naturally vegetated areas;</p> <p>i. ensuring that any future buildings can be positioned outside the corridor;</p> <p>j. providing a development footprint plan that is located in accordance with an ecological assessment.</p> <p>Note—This can be demonstrated by undertaking an ecological assessment, tree survey plan and concept rehabilitation plan where required. Guidance is provided within the Biodiversity areas planning scheme policy, Vegetation planning scheme policy and the Planting species planning scheme policy.</p>	<p>AO6.2 Development:</p> <p>a. does not increase the number of lot boundaries that cross a waterway corridor;</p> <p>b. retains the corridor within a single lot.</p>	<ul style="list-style-type: none"> natural cooling of the urban environment. 		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
<p>PO7 Development involving filling or excavation within a Citywide waterway corridor sub-category or a Local waterway corridor sub-category does not directly, indirectly or cumulatively cause any material increase in flooding or flood hazard or involve significant redistribution of flood storage from high to lower areas in the floodplain. Note—This can be demonstrated by undertaking earthworks in compliance with the Compensatory earthworks planning scheme policy.</p>	<p>A07 Development involving filling or excavation in the Citywide waterway corridor sub-category or the Local waterway corridor sub-category: a. does not exceed 100 mm depth; or b. is in compliance with the Compensatory earthworks planning scheme policy.</p>		<p>Excavation within the waterway corridor is to be undertaken in accordance with hydrology plans to reduce flood hazard of the subject site.</p>	

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO8 Development provides stormwater management solutions which assist in the re-naturalisation of a waterway in the Local or Citywide waterway corridor sub-categories.	AO8 Development provides stormwater management solutions in a waterway in the Local or Citywide waterway corridor sub-categories using natural channel design principles. Editor's note—Advice should be sought from Council as to whether the reinstatement of an open waterway from any stormwater pipe or concrete-lined drain is a suitable solution based on the extent and location of the development. Editor's note —Guidance on natural channel design principles can be found in the Council publication Natural channel design guidelines.		Revegetation is incorporated as part natural channel design principles. Other design principles may be considered and implemented in accordance with engineer plans.	

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO9 Development preserves a waterway in the Citywide waterway corridor sub-category for public use if that land is required for ecological, public open space or recreation functions.	AO9 Development provides for the transfer of land to Council in a waterway of the Citywide waterway corridor sub-category in compliance with a neighbourhood plan or the Local government infrastructure plan.	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO10 Development is designed to use a waterway which is in the Local waterway corridor sub-category as an environmental feature in the urban environment.	AO10 Development ensures that a waterway in the Local waterway corridor sub-category is accessible for open space purposes.		The proposed development includes replanting of part the waterway corridor and will serve as an environmental feature in the urban environment.	
Section D—If accepted development subject to compliance with identified requirements (acceptable outcomes only) or assessable development, other than for a dwelling house, where in the Brisbane River corridor sub-category				

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
<p>PO11 Development of a site in the Brisbane River corridor sub-category – sections 1 - 5 abutting the Brisbane River:</p> <p>a. maintains and enhances the attractive appearance of the Brisbane River and its banks, when viewed from the Brisbane River, from development near the Brisbane River, and from other public viewing points;</p> <p>b. uses materials for buildings, structures and landscaping which are durable, complement surrounding buildings, the visual character of the area and the character, functions and values of the corridor section.</p>	<p>AO11 No prescribed acceptable outcome.</p>	NA		
<p>PO12 Development:</p> <p>a. maintains and enhances the attractive appearance of the Brisbane River and its banks, when viewed from the Brisbane River, from development near the Brisbane River, or from other public viewing points;</p> <p>b. does not detract from the Brisbane River's landscape values;</p> <p>c. is not visually dominant when viewed from the river.</p>	<p>AO12.1 Development involving buildings, parking and servicing areas, and areas for the storage of materials, goods or solid waste, a retaining wall or fencing:</p> <p>a. for the Brisbane River corridor sub-category – section 1, is set back a minimum 30m horizontal distance from the highest astronomical tide;</p> <p>b. for the Brisbane River corridor sub-category – sections 2, 3, 4 or 5, is set back a minimum of 20m horizontal distance from the highest astronomical tide.</p>	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
PO13 Development involving filling or excavation: a. minimises the extent of earthworks required; b. avoids the removal or clearing of native and riparian vegetation; c. is consistent with the desired character of the Brisbane River corridor sub-category section in which the site is located;	AO12.2 Development involving fencing does not exceed 2m in height above ground level: a. for the Brisbane River corridor sub-category – section 1, within 30m horizontal distance from the highest astronomical tide; b. for the Brisbane River corridor sub-category – sections 2, 3, 4 or 5, within 20m horizontal distance from the highest astronomical tide. AO12.3 Development involving a river wall: a. is not constructed in the Brisbane River corridor sub-category – section 1; b. is only constructed in the Brisbane River corridor sub-category – sections 2, 3, 4 or 5 if: i. consistent with an adjoining existing river wall; ii. no higher than the existing ground level of the land. AO13 Development involving filling or excavation in the Brisbane River corridor: a. does not result in a change in ground level greater than 1m; b. where for steps and ramps not involving a change in ground level greater than 1m, does not occur:	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		✓ Complies X Non-Compliance PS Performance Solution NA Not Applicable		
<p>d. presents attractively to public viewing areas such as the Brisbane River, Brisbane riverside walkways and paths, or Brisbane River bridge crossings;</p> <p>e. ensures steps and ramps are designed to be unobtrusive, use natural or natural-toned materials and minimise the need for cut and fill.</p> <p>PO14 Development preserves riverfront land for public use if that land is required for ecological, public open space or recreation functions in accordance with the Local government infrastructure plan.</p>	<p>i. for the Brisbane River corridor sub-category – section 1, within 30m horizontal distance from the highest astronomical tide;</p> <p>ii. for the Brisbane River corridor sub-category – sections 2, 3, 4 or 5, within 20m horizontal distance from the highest astronomical tide.</p> <p>Refer to Figure a and Figure d.</p> <p>AO14 Development provides for the transfer of land in the Brisbane River corridor sub-category to Council, in compliance with the Local government infrastructure plan and the Bicycle network overlay map (Riverwalk sub-categories).</p>			
Section E—If accepted development subject to compliance with identified requirements (acceptable outcomes only) or assessable building work for dry boat storage in the Brisbane River corridor sub-category (sections 1 - 5)				
<p>PO15 Development involving a dry boat storage facility:</p> <p>a. is located on the landward side of the highest astronomical tide and constructed and designed to:</p> <p>i. be compatible with the character and amenity of the Brisbane River corridor sub-category section in which the site is located;</p>	<p>AO15 Development involving:</p> <p>a. dry boat storage facility for 1 boat:</p> <p>i. is located on land;</p> <p>ii. involves hoists or lift facilities catering for 1 boat up to a maximum 4m in length in the case of another form of dry boat storage, is designed for 1 boat up to a maximum 6m in length; or</p>	NA		

PERFORMANCE OUTCOMES	ACCEPTABLE OUTCOMES	SOLUTIONS	COMMENTS	COUNCIL USE ONLY
		<input checked="" type="checkbox"/> Complies X Non-Compliance PS Performance Solution NA Not Applicable		
ii. minimise visual intrusiveness; iii. minimise impacts on the Brisbane River's landscape values; or b. where for a boat hoist or lift facility in the Brisbane River corridor sub-category section 2, 3 or 4, is located on land which is unobtrusive when viewed from the Brisbane River and are unroofed.	b. a dry boat storage which does not comply with paragraph (a) is only located: <ul style="list-style-type: none"> i. within the Port of Brisbane; or ii. on a site used for marine industry; or iii. within a marina; or iv. on a site used by a recreational or sporting club associated with the Brisbane River. 			

APPENDIX D

Flora Species List

Scientific Name	Common Name	Restricted Plant State Category	BCC Category
Native Species			
<i>Acacia disparrima</i>	Southern Salwood		
<i>Acacia leiocalyx</i>	Black Wattle		
<i>Allocasuarina littoralis</i>	Black She-oak		
<i>Alphitonia excelsa</i>	Soap Tree		
<i>Carex sp</i>	Carex		
<i>Castanospermum australe</i>	Black Bean		
<i>Commelina diffusa</i>	Blue commelina		
<i>Corymbia intermedia</i>	Pink Bloodwood		
<i>Dianella caerulea</i>	Blue Flax-Lily		
<i>Entolasia stricta</i>	Wiry Panic		
<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark		
<i>Eucalyptus racemosa</i>	Scribbly Gum		
<i>Eucalyptus seeana</i>	Red Gum		
<i>Eucalyptus siderophloia</i>	Northern Grey Ironbark		
<i>Eucalyptus tereticornis</i>	Blue Gum		
<i>Eustrephus latifolius</i>	Wombat Berry		
<i>Glochidion ferdinandi</i>	Cheese Tree		
<i>Goodenia rotundifolia</i>	Star goodenia		
<i>Guoia semiglauca</i>	Wild quince		
<i>Imperata cylindrica</i>	Blady Grass		
<i>Juncus sp.</i>	Rush		
<i>Lomandra longifolia</i>	Basket Grass		
<i>Lomandra multiflora</i>	Lomandra		
<i>Lophostemon suaveolens</i>	Swamp Box		
<i>Melaleuca bracteata</i>	Black Tea Tree		
<i>Melaleuca nodosa</i>	Prickly Leaved Paperbark		
<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark		

Scientific Name	Common Name	Restricted Plant State Category	BCC Category
Native Species			
<i>Melaleuca viminalis</i>	Weeping Bottlebrush		
<i>Ottochloa gracillima</i>	Graceful Grass		
<i>Parsonsia straminea</i>	Monkey Rope Vine		
<i>Stephania japonica</i>	Tape Vine		
Exotic Species			
<i>Ageratum houstonianum</i> *	Blue Billy Goat	-	SIL
<i>Aloe barbadensis miller</i> *	Aloe Vera	-	-
<i>Archontophoenix alexandrae</i> **	Alexander Palm	-	-
<i>Asparagus africanus</i> *	Climbing Asparagus	3	As per State
<i>Asparagus aethiopicus</i> *	Basket Asparagus	3	As per State
<i>Baccharis halimifolia</i> *	Groundsel Bush	3	As per State
<i>Bidens pilosa</i> *	Cobbler's Pegs	-	SIL
<i>Callisia fragrans</i> *	Purple Succulent	-	Class R
<i>Callisia repens</i> *	Creeping Inch Plant	-	SIL
<i>Campsis radicans</i> *	Orange Trumpet Vine	-	-
<i>Celtis sinensis</i> *	Chinese celtis	3	As per State
<i>Cestrum parqui</i> *	Green cestrum	-	Class R
<i>Chloris gayana</i> *	Rhodes grass	-	Class R
<i>Cinnamomum camphora</i> *	Camphor laurel	3	As per State
<i>Citrus sinensis</i> *	Orange tree	-	-
<i>Commelina benghalensis</i> *	Hairy commelina	-	SIL
<i>Corymbia torreliana</i> **	Cadaghi	-	Class R
<i>Cupressus lusitanica</i> *	Smooth Bark Cypress	-	-
<i>Cyperus involucratus</i> *	Umbrella Sedge	-	SIL
<i>Digitaria eriantha</i> *	Pangola Grass	-	-
<i>Dypsis decaryi</i> *	Triangle Palm	-	-
<i>Dypsis lutescens</i> *	Golden Cane Palm	-	-
<i>Dyschoriste depressa</i> *	Dyschoriste	-	Class R
<i>Erigeron canadensis</i> *	Horseweed	-	-
<i>Graptopetalum sp.</i> *	Purple Succulent	-	-
<i>Jacaranda mimosifolia</i> *	Jacaranda	-	SIL
<i>Lantana camara</i> *	Lantana	3	As per State
<i>Libidibia ferrea</i> *	Leopard Tree	-	-

Scientific Name	Common Name	Restricted Plant State Category	BCC Category
Native Species			
<i>Livistonia sp.*</i>	Fan Palm	-	-
<i>Mangifera indica*</i>	Mango	-	-
<i>Megathyrsus maximus*</i>	Guinea Grass	-	Class R
<i>Morus alba *</i>	Mulberry	-	-
<i>Nephrolepis cordifolia*</i>	Fishbone Fern	-	Class R
<i>Ochna serrata*</i>	Ochna	-	Class C
<i>Opuntia stricta*</i>	Prickly Pear	3	As per State
<i>Passiflora edulis*</i>	Passionfruit	-	-
<i>Passiflora suberosa*</i>	Corky Passion Vine	-	Class R
<i>Persicaria sp.*</i>	Knotweed	-	SIL
<i>Phoenix canariensis*</i>	Date Palm	-	-
<i>Pinus elliotii*</i>	Slash Pine	-	Class R
<i>Plumeria rubra*</i>	Frangipani	-	-
<i>Schefflera actinophylla*</i>	Umbrella tree	-	Class R
<i>Schinus terebinthifolius*</i>	Broad-leaf Pepper	3	As per State
<i>Senna pendula var. glabrata*</i>	Easter Cassia	-	Class R
<i>Setaria splendida*</i>	South African Pidgeon Grass	-	Class R
<i>Solanum mauritianum*</i>	Wild Tobacco Tree	-	Class R
<i>Solanum nigrum*</i>	Black Nightshade	-	Class R
<i>Solanum seafortianum*</i>	Brazilian Nightshade	-	Class R
<i>Solanum torvum*</i>	Devil's Fig	-	Class R
<i>Soliva sessilis*</i>	Bindii	-	SIL
<i>Spathodea campanulate*</i>	African Tulip Tree	3	As per State
<i>Sphagneticola trilobata*</i>	Singapore Daisy	3	As per State
<i>Syagrus romanzoffiana*</i>	Cocos Palm	-	Class R
<i>Syngonium sp.*</i>	Syngonium	-	Class R
<i>Tecoma stans*</i>	Yellow elder	3	As per State
<i>Tipuana tipu*</i>	Tipuana	-	Class R
<i>Urochloa decumbens*</i>	Signal Grass	-	Class R

*Exotic/non-native species

** Species native to Australia but are weed species in Brisbane

APPENDIX E

Fauna Species List

Scientific Name	Common Name
Birds	
<i>Anas platyrhynchos</i> *	Mallard*
<i>Ardea alba</i>	Great egret
<i>Cacatua galerita</i>	Sulphur-crested cockatoo
<i>Coracina novaehollandiae</i>	Black-faced cuckooshrike
<i>Corvus orru</i>	Torreasian crow
<i>Entomyzon cyanotis</i>	Blue-faced honeyeater
<i>Eolophus roseicapilla</i>	Galah
<i>Eudynamys orientalis</i>	Eastern koel
<i>Gymnorhina tibicen</i>	Australian magpie
<i>Lonchura castaneothorax</i>	Chestnut-breasted mannikin
<i>Malurus cyaneus</i>	Superb fairywren
<i>Malurus melanocephalus</i>	Red-backed fairywren
<i>Manorina melanocephala</i>	Noisy minor
<i>Pelecanus conspicillatus</i>	Australian pelican
<i>Poephila cincta</i>	Black-throated finch
<i>Todiramphus sanctus</i>	Sacred kingfisher
<i>Trichoglossus moluccanus</i>	Rainbow lorikeet
Reptiles	
<i>Intellagama lesueurii</i>	Australian waterdragon
Amphibians	
<i>Litoria caerulea</i>	Australian green tree frog
<i>Rhinella marina</i> *	Cane toad*

* Exotic species



LEGEND / NOTES

- 20 Tree Numbering
- Tree Protection Zone Retained Tree
- Tree To Be Removed
- Tree To Be Retained (Subject To Arborist Inspection)
- Surveyed Trees - Exotic Species
- Proposed 20m Easement
- Proposed 12m Covenant Area
- Earthworks - Fill
- Earthworks - Cut
- Existing Waterway

NOTE:
- SURVEY PLAN



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ISSUE	DESCRIPTION	DATE
A	FOR ISSUE	20/04/2022

PROJECT NO.
S521210

CLIENT
QLD INTERNATIONAL INVESTMENT PTY LTD

PROJECT NAME
PROPOSED RESIDENTIAL DEVELOPMENT

SITE
12, 18 & 26 CLOVERDALE ROAD DOOLANDELLA

DRAWING NAME
VEGETATION RETENTION PLAN

DRAWING NO.
S521210_VRP_001

SCALE	SHEET SIZE	DRAWN	APPROVED
1:1250	A3	SAJ	RS

2/265 Sandgate Road
Albion Qld 4010
ph 3505 3053
www.s5consulting.com.au
ABN 82 440 704 793



ENVIRONMENTAL

VEGETATION MANAGEMENT SCHEDULE															
Site Address: 12, 18 and 26 Cloverdale Road, Doolandella															
Codes: FS = Fauna Scratches, SH = Small Hollow, MH = Medium Hollow, LH = Large Hollow, T = Termitaria, BN = Bird Nest, DL = Double leader, TL = Triple Leader, ML = Multi-leader, NB = Nest Box, SF = Evidence of Sap Feeding															
No.	STATUS	SCIENTIFIC NAME	COMMON NAME	DBH 1 [mm]	DBH 2 [mm]	DBH 3 [mm]	DBH 4 [mm]	DBH 5 [mm]	DBH 6 [mm]	Total DBH [mm]	SPREAD [m]	HEIGHT [m]	HEALTH	HABITAT NOTES	TPZ [mm]
1	Retain	<i>Corymbia torelliana</i>	Cadaghi	200						200	5	12	Good	4 m off western fence, Monkey rope	2400
2	Arborist	<i>Corymbia torelliana</i>	Cadaghi	260						260	7	16	Good	1 m off western fence, monkey rope	3120
3	Remove	<i>Phoenix canariensis</i>	Date Palm	400						400	4	6	Good		4800
4	Retain	<i>Corymbia torelliana</i>	Cadaghi	250						250	7	15	Good	1m off western fence	3000
5	Remove	<i>Archontophoenix alexandrae</i>	Alexandra Palm	260						260	3	8	Good		3120
6	Remove	<i>Tipuana tipu</i>	Tipuana	300						300	12	17	Good	On boundary	3600
7	Retain	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	300						300	14	6	Good	N 4m off western boundary	3600
8	Remove	<i>Tipuana tipu</i>	Tipuana	520	500	580	350			990	20	16	Good	Asparagus fern	11880
9	Remove	<i>Livistonia sp</i>	Fan Palm	300						300	2	4	Good		3600
10	Remove	<i>Tipuana tipu</i>	Tipuana	200	170					263	6	6	Good		3156
11	Retain	<i>Eucalyptus tereticornis</i>	Forest Red Gum	500						500	10	19	Good	6m off western	6000
12	Remove	<i>Acacia leocalyx</i>	Early Black Wattle	250						250	6	8	Good		3000
13	Retain	<i>Eucalyptus tereticornis</i>	Forest Red Gum	350						350	7	16	Good	4m off western boundary	4200
14	Retain	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	180	170					248	6	14	Good	4m off western boundary	2976
15	Retain	<i>Corymbia torelliana</i>	Cadaghi	350						350	6	14	Good	4m off western boundary	4200
16	Retain	<i>Lophosemon suaveolens</i>	Swamp Box	200						200	4	10	Good	3m off western boundary	2400
17	Retain	<i>Alphitonia excelsa</i>	Red Ash	280						280	8	10	Poor	3m off western boundary	3360
18	Retain		Stag	150						150	1	4	Dead	T,H	0
19	Retain	<i>Eucalyptus seaiana</i>	Narrow-leaved Red Gum	340						340	5	18	Good	FS	4080
20	Retain	<i>Glochidion ferdinand</i>	Cheese Tree	250						250	5	8	Good		3000
21	Arborist	<i>Eucalyptus tereticornis</i>	Forest Red Gum	620						620	21	12	Good	FS	7440
22	Retain	<i>Eucalyptus seaiana</i>	Narrow-leaved Red Gum	360						360	20	8	Good	FS	4320
23	Retain	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	280						280	20	4	Good	T 1m off western fence	3360
24	Retain	<i>Eucalyptus tereticornis</i>	Forest Red Gum	260						260	6	16	Good	FS	3120
25	Arborist	<i>Jacaranda mimosifolia</i>	Jacaranda	240	100	150				301	5	8	Good		3612
26	Retain	<i>Acacia leocalyx</i>	Early Black Wattle	230						230	7	6	Good		2760
27	Retain	<i>Lophosemon suaveolens</i>	Swamp Box	250						250	5	12	Good	T	3000
28	Retain	<i>Eucalyptus seaiana</i>	Narrow-leaved Red Gum	420						420	5	17	Good	FS	5040
29	Retain	<i>Lophosemon suaveolens</i>	Swamp Box	290						290	3	14	Good	T	3480
30	Remove	<i>Livistonia sp</i>	Fan Palm	320						320	3	4	Good		3840
31	Remove	<i>Schinus terebinthifolia</i>	Broadleaf Pepper Tree	280						280	12	4	Good		3360
32	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	220						220	3	8	Good		2640
33	Remove	<i>Scheffera actinophylla</i>	Umbrella Tree	430						430	5	7	Good		5160
34	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	230						230	4	10	Good		2760
35	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	370						370	4	15	Good		4440
36	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	220						220	4	10	Good		2640
37	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	300						300	4	12	Good		3600
38	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	320						320	4	11	Good		3840
39	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	300						300	4	12	Good		3600
40	Remove	<i>Dypsis decaryi</i>	Triangle Palm	360						360	4	7	Good		4320
41	Remove	<i>Archontophoenix alexandrae</i>	Alexandra Palm	160						160	3	7	Good		1920
42	Remove	<i>Cupressus lusitanica</i>	Arizona Smooth Bark Cypress	330						330	1	5	Good		3960
43	Remove	<i>Plumeria rubra</i>	Frangipani	190	180					262	4	4	Good		3144
44	Remove	<i>Castanospermum Australe</i>	Black Bean	340	190	320				505	6	10	Good		6060
45	Remove	<i>Dypsis decaryi</i>	Triangle Palm	350						350	4	7	Good		4200
46	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	270						270	3	10	Good	Group of <i>Syagrus romanzoffiana</i> inaccessible	3240
47	Remove	<i>Syagrus romanzoffiana</i>	Cocos palm	280						280	3	8	Good		3360
48	Remove	<i>Corymbia torelliana</i>	Cadaghi	800						750	16	16	Good		9000
49	Remove	<i>Spathodea campanulata</i>	African Tulip Tree	310	150	150	280			469	6	12	Good	FS	5628
50	Remove	<i>Spathodea campanulata</i>	African Tulip Tree	170						170	4	7	Good		2040
51	Remove	<i>Celtis sinensis</i>	Chinese Celtis	180	140					229	6	10	Good		2748
52	Remove	<i>Cinnamomum camphora</i>	Camphor Laurel	170	500					529	10	13	Good	T	6348
53	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	160						160	3	7	Good		1920
54	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	270						270	3	8	Good		3240
55	Remove	<i>Celtis sinensis</i>	Chinese Celtis	190	100					215	6	7	Good		2580
56	Remove	<i>Libinia ferrea</i>	Leopard Tree	190	200	220	200			406	6	13	Good	FS	4872
57	Remove	<i>Scheffera actinophylla</i>	Umbrella Tree	170	200					263	6	10	Good		3156
58	Remove	<i>Cupressus lusitanica</i>	Arizona Smooth Bark Cypress	190	200	240	150			396	5	4	Good		4752
59	Remove	<i>Syzygium sp</i>	Syzygium	720						720	6	18	Fair		8640
60	Remove	<i>Melaleuca bracteata</i>	Black Tea Tree	240	230					333	6	16	Good		3996

LEGEND / NOTES

NOTE:
- SURVEY PLAN



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PROJECT NO.
S521210

CLIENT
QLD INTERNATIONAL INVESTMENT PTY LTD

PROJECT NAME
PROPOSED RESIDENTIAL DEVELOPMENT

SITE
12, 18 & 26 CLOVERDALE ROAD DOOLANDELLA

DRAWING NAME
VEGETATION RETENTION PLAN SCHEDULE SHEET 1 OF 2

DRAWING NO.
S521210_VRP_002

SCALE	SHEET SIZE	DRAWN	APPROVED
N.T.S.	A3	SAJ	RS

2/265 Sandgate Road
Albion Qld 4010
ph 3505 3053
www.s5consulting.com.au
ABN 82 440 704 793



ENVIRONMENTAL

VEGETATION MANAGEMENT SCHEDULE																
Site Address: 12, 18 and 26 Cloverdale Road, Doolandella																
Codes: FS = Fauna Scratches; SH = Small Hollow; MH = Medium Hollow; LH = Large Hollow; T = Termitaria; BN = Bird Nest; DL = Double leader; TL = Triple Leader; ML = Multi-leader; NB = Nest Box; SF = Evidence of Sap Feeding																
No.	STATUS	SCIENTIFIC NAME	COMMON NAME	DBH 1	DBH 2	DBH 3	DBH 4	DBH 5	DBH 6	Total DBH	SPREAD	HEIGHT	HEALTH	HABITAT	NOTES	TPZ [mm]
				[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m]	[m]				
61	Remove	<i>Schoelia brachypetala</i>	Drunken Parrot	340	230	290				503	10	5	Good			6036
62	Remove	<i>Melaleuca viminalis</i>	Weeping Bottlebrush	350						350	6	8	Good			4200
63	Remove	<i>Ficus sp.</i>	Unknown	200	200					283	6	5	Poor			3396
64	Remove	<i>Notelea sp.</i>	Unknown	140	100	100	120	160		263	6	6	Good			3396
65	Remove	<i>Jacaranda mimosifolia</i>	Jacaranda	230	200					305	6	8	Good			3960
66	Remove	<i>Melaleuca bracteata</i>	Black Tea Tree	330	230					403	6	12	Good			4836
67	Remove	<i>Jacaranda mimosifolia</i>	Jacaranda	150	190	140	140	230		389	7	10	Good			4668
68	Remove	<i>Melaleuca viminalis</i>	Weeping Bottlebrush	250	250	170				393	9	6	Good			4716
69	Remove	<i>Lophosiphon suaveolens</i>	Swamp Box	270						270	5	6	Good			3240
70	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	230	190					299	4	7	Good			3588
71	Remove	<i>Eucalyptus siderophloia</i>	Grey Ironbark	270						270	5	16	Good			3240
72	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	180						180	5	15	Good			2160
73	Remove	<i>Melaleuca nodosa</i>	Prickly Leaf Paperbark	130	190					231	4	5	Poor			2772
74	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	320						320	6	17	Good			3840
75	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	400						400	7	17	Good			4800
76	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	220						220	5	15	Good			2640
77	Remove	<i>Melaleuca nodosa</i>	Prickly Leaf Paperbark	290	100	140	240	150		441	4	4	Good			5292
78	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	350						350	6	16	Good			4200
79	Remove	<i>Eucalyptus tereticornis</i>	Forest Red Gum	180	180					255	4	9	Good			3060
80	Remove	<i>Acacia leiocalyx</i>	Early Black Wattle	170						170	3	4	Poor			2040
81	Retain	<i>Eucalyptus siderophloia</i>	Grey Ironbark	590						590	8	23	Good			7080
82	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	190	150	240	310			461	6	12	Good			5532
83	Remove	<i>Celtis sinensis</i>	Chinese Celtis	330						330	10	6	Good			3960
84	Arborist	<i>Eucalyptus tereticornis</i>	Forest Red Gum	1000						1000	16	25	Good			12000
85	Retain	<i>Eucalyptus tereticornis</i>	Forest Red Gum	350						350	8	20	Good			4200
86	Arborist	<i>Eucalyptus tereticornis</i>	Forest Red Gum	400						400	8	19	Good			4800
87	Arborist	<i>Eucalyptus crebra</i>	Narrow-leaved Ironbark	180						180	5	17	Good			2160
88	Remove	<i>Eucalyptus siderophloia</i>	Grey Ironbark	180						180	5	17	Good			2160
89	Remove	<i>Eucalyptus siderophloia</i>	Grey Ironbark	290						290	7	18	Good			3480
90	Remove	<i>Eucalyptus siderophloia</i>	Grey Ironbark	390	110					406	6	21	Good			4872
91	Remove	<i>Acacia leiocalyx</i>	Early Black Wattle	190						190	6	8	Good			2280
92	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	320						320	2	18	Poor			3840
93	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	140	180	130				263	3	7	Poor	Smothered by Monkey rope		3156
94	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	200	230					305	4	10	Poor	Smothered by Monkey rope		3660
95	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	190	210					284	2	12	Dead	Smothered by Monkey rope		0
96	Remove	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	230	140					270	4	10	Poor	Smothered by Monkey rope		3240
97	Remove	<i>Acacia leiocalyx</i>	Early Black Wattle	160						160	5	7	Fair			1920
98	Remove	<i>Allocasuarina littoralis</i>	Black She-oak	190						190	4	14	Good			2280
99	Retain	<i>Acacia leiocalyx</i>	Early Black Wattle	220						220	5	7	Fair			2640
100	Retain	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	220	190	210				359	5	13	Good			4308
101	Retain	<i>Eucalyptus racemosa</i>	Scribbly Gum	150	240					284	6	16	Good			3408
102	Arborist	<i>Eucalyptus seaiana</i>	Narrow-leaved Red Gum	440	400					595	12	18	Good			7140
103	Arborist	<i>Allocasuarina littoralis</i>	Black She-oak	200						200	6	14	Good			2400
104	Arborist	<i>Eucalyptus seaiana</i>	Narrow-leaved Red Gum	660						660	15	18	Poor	Reshooting poisoned		7920
105	Remove	<i>Corymbia torelliana</i>	Cadaghi	420						420	15	10	Poor	Reshooting poisoned		5040
106	Retain	<i>Allocasuarina littoralis</i>	Black She-oak	230						230	4	10	Fair	T	Smothered by asparagus fern	2760
107	Retain	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	310						310	5	13	Good			3720
108	Retain	<i>Allocasuarina littoralis</i>	Black She-oak	270						270	4	11	Fair		Dead leader	3240

LEGEND / NOTES

NOTE:
- SURVEY PLAN



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ISSUE	DESCRIPTION	DATE
A	FOR ISSUE	20/04/2022

PROJECT NO.
S521210

CLIENT
QLD INTERNATIONAL INVESTMENT PTY LTD

PROJECT NAME
PROPOSED RESIDENTIAL DEVELOPMENT

SITE
12, 18 & 26 CLOVERDALE ROAD DOOLANDELLA

DRAWING NAME
VEGETATION RETENTION PLAN SCHEDULE SHEET 2 OF 2

DRAWING NO.
S521210_VRP_003

SCALE	SHEET SIZE	DRAWN	APPROVED
N.T.S.	A3	SAJ	RS

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