

**The Friends of Reid Street Reserve Inc.,**  
C/- PO Box 3088, Ulverstone, 7315.  
([pellison@iinet.net.au](mailto:pellison@iinet.net.au); 03 6428 2062)

7 August 2019

The General Manager  
Central Coast Council  
PO Box 220, Ulverstone 7315  
([admin@centralcoast.tas.gov.au](mailto:admin@centralcoast.tas.gov.au))

To the Central Coast Council Planning Department

**Submission to rezone Hall Street, West Ulverstone, as part of the Landscape Conservation Zone in the Tasmanian Planning Scheme Draft Central Coast Local Provisions Schedule**

The Friends of Reid Street Reserve Inc. request that the Hall Street casement, West Ulverstone, which is owned by the Central Coast Council, be rezoned under the State-wide Planning Scheme as part of the Landscape Conservation Zone. This is instead of the proposed split between General Residential in the eastern part of the casement and Low Density Residential in the western part of the casement. The vegetation of the Hall Street casement is an extension of the vegetation of the Reid Street Reserve, which has been included in the Landscape Conservation Zone, and provides a valuable link for native fauna moving between habitats in the Reserve and those along the banks of the Leven estuary.

We justify this submission using the Purposes and Zone Application Guidelines of the Landscape Conservation Zone as follows:

***Purpose 22.1.1: To provide for the protection conservation and management of landscape values***

***1. Important scenic values***

Within the Hall Street casement there is a mix of at least 20 mature *Eucalyptus amygdalina* (Black peppermint), *Eucalyptus obliqua* (stringybark) and *Eucalyptus viminalis* (white gum)



Hall Street looking south towards the Leven River



Forest corridor linking habitat to the Leven River

trees. These trees are an important living record of the original natural landscape of Ulverstone and provide a very attractive scenic backdrop to the urban surroundings. They are included in the layer in the Priority Vegetation Area shown on Map 6 of the Tasmanian Planning Scheme Draft CCC Local Provisions Schedule – Natural Assets. The easement also forms part of a popular walking trail which includes the banks of the Leven River and the Reid Street Reserve.

## **2. Threatened Species**

The Natural Values Atlas (NVA) Report (attached) outlines a number of potential species that may occur within the site and/or use the site for food shelter and breeding opportunities.

The Tasmanian Wedge Tailed Eagle and the White Bellied Sea Eagle have been observed at the Reid Street Reserve and have been seen using the trees at Hall Street to perch on and scout the Leven River for prey.

Mature trees are likely providing hollow habitat for a variety of species. The endangered Swift Parrot, indicated on the NVA Report, requires hollows as essential habitat. The preservation of the avenue of these old trees on Hall Street will provide, over time, more opportunities for hollows to develop. The threatened Eastern Barred Bandicoot is likely to occur at the Reid Street Reserve and therefore probably also in the Hall Street easement area.

## **3. Continuous habitat and stepping stones**

Many small animals will not cross empty spaces, for example, the Tasmanian Scrub Wren, which occurs in the Reid Street Reserve, relies on connectivity of habitat. The Hall Street easement is essential habitat for these types of species. The decline of habitat links will lead to the disappearance of such species from isolated areas of bushland.

## **4. Wildlife corridor**

The trees and understorey form a wildlife corridor so that animals may move between forest and river. The Hall Street easement is an essential conduit that connects the Reid Street Reserve to the Leven River providing microhabitat for lizards and insects at ground level which in turn attract insectivorous birds and other predators. The vertical and structural diversity of the trees extend the niche opportunities for food, shelter and breeding requirements for a variety of birds all the way to the water.

## **5. Essential habitat and refuge for wildlife**

Four of Tasmania's endemic honeyeaters use the vegetation in Hall Street – the Yellow Wattle Bird, the Black-headed Honeyeater, the Strong-billed Honeyeater and the Yellow-throated Honeyeater. The endemic Tasmanian Scrub Wren and Tasmanian Thornbill also occur here.

Wood Swallows have been recorded nesting in the Hall street trees – populations of these migratory birds are declining nationally.

The mature trees along Hall Street harbour many hollows in various stages of formation. Hollows from less than 2 cm to more than 30 cm in entrance diameter may be utilised by microbats, arboreal marsupials (possums), about 29 bird species and an unknown number of

invertebrates. This includes several species that are listed as threatened. Tree hollows develop very gradually taking 100 years or more to become large enough and suitable for use by animals. Hollows large enough for bigger animals such as the threatened Masked Owl can take 150 years to develop.



View from River Road towards Reid Street Reserve. Two small hollows are apparent just below the branching of the middle tree

## **6. Threatened Native Vegetation Communities**

The area within the casement contains *Melaleuca ericifolia*, a threatened vegetation community. Now only a remnant of the original vegetation community, which would have extended from the banks of Leven River, its presence forms an important habitat niche as part of the mid-storey structure.

***Purpose 22.2.2: To provide for compatible use or development that does not adversely impact on the protection conservation and management of landscape values***

Hall Street is currently used to access the Reid Street Reserve and adjacent properties and this would not conflict with Purposes of the Landscape Conservation Zone. There is no pressure for the land within the casement to be subdivided as part of a residential development: it is a public right-of-way and is owned by the Council. The road stands alone as the southern entrance to the Reid Street Reserve and an alternative residential entry.

***Zone Application Guideline LCZ1: Should be applied to land with landscape values that are identified for protection and conservation, such as bushland areas, large areas of native***



***vegetation or areas of important scenic values, where some small-scale use or development may be appropriate***

We consider that applying the Landscape Conservation Zone to the Hall Street easement complies with this guideline: the land therein has important scenic values, as we have argued above under ***Purpose 22.1.1*** on page 1 of this submission. The use of Hall Street as a public right-of-way to the Reid Street Reserve and to adjacent properties has not adversely impacted on the landscape values of the vegetation in the easement.

***Zone Application Guideline LCZ2: May be applied to land that has significant constraints on development through the application of the Natural Assets Code or Scenic Protection Code:***

The vegetation of the Hall Street easement is included in the layer in the Priority Vegetation Area shown on Map 6 of the Tasmanian Planning Scheme Draft CCC Local Provisions Schedule – Natural Assets, as we have mentioned earlier under ***Purpose 22.1.1***.

***Zone Application Guideline LCZ4: The Landscape Conservation Zone should not be applied to land where the priority is for residential use and development.***

In our opinion, the land within the easement of Hall Street is not a priority for residential use and development.

Yours sincerely,

Patricia Ellison

For the Friends of the Reid Street Reserve

# Natural Values Atlas Report

*Authoritative, comprehensive information on Tasmania's natural values.*

Reference: Hall Street ReZone

Requested For: Friends of Reid Street Reserve

Report Type: Summary Report

Timestamp: 11:26:26 AM Wednesday 07 August 2019

Threatened Flora: buffers Min: 500m Max: 5000m

Threatened Fauna: buffers Min: 500m Max: 5000m

Raptors: buffers Min: 500m Max: 5000m

Tasmanian Weed Management Act Weeds: buffers Min: 500m Max: 5000m

Priority Weeds: buffers Min: 500m Max: 5000m

Geoconservation: buffer 1000m

Acid Sulfate Soils: buffer 1000m

TASVEG: buffer 1000m

Threatened Communities: buffer 1000m

Fire History: buffer 1000m

Tasmanian Reserve Estate: buffer 1000m

Biosecurity Risks: buffer 1000m



The centroid for this query GDA94: 428681.0, 5443809.0 falls within:

Property: 7468458

\*\*\* No threatened flora found within 500 metres \*\*\*



424537, 5438352

Please note that some layers may not display at all requested map scales

# Threatened flora within 5000 metres

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

Line Verified

Line Unverified

■ Polygon Verified

■ Polygon Unverified

Legend: Cadastral Parcels



# Threatened flora within 5000 metres

## Verified Records

Species	Common Name	SS	NS	Bio	Observation Count	Last Recorded
<i>Epilobium pallidiflorum</i>	showy willowherb	r		n	2	30-May-2005
<i>Juncus prismatocarpus</i>	branching rush	r		n	1	01-Jan-1911
<i>Lachnagrostis punicea</i> subsp. <i>filifolia</i>	narrowleaf blownglass	r		n	1	01-Jan-1912
<i>Limonium australe</i> var. <i>australe</i>	yellow sea-lavender	r		n	1	31-Mar-1991
<i>Lotus australis</i>	australian trefoil	r		n	1	01-Jan-1911
<i>Myriophyllum integrifolium</i>	tiny watermilfoil	v		n	1	29-Jul-2004
<i>Persicaria decipiens</i>	slender waterpepper	v		n	1	23-Mar-2010

## Unverified Records

No unverified records were found!

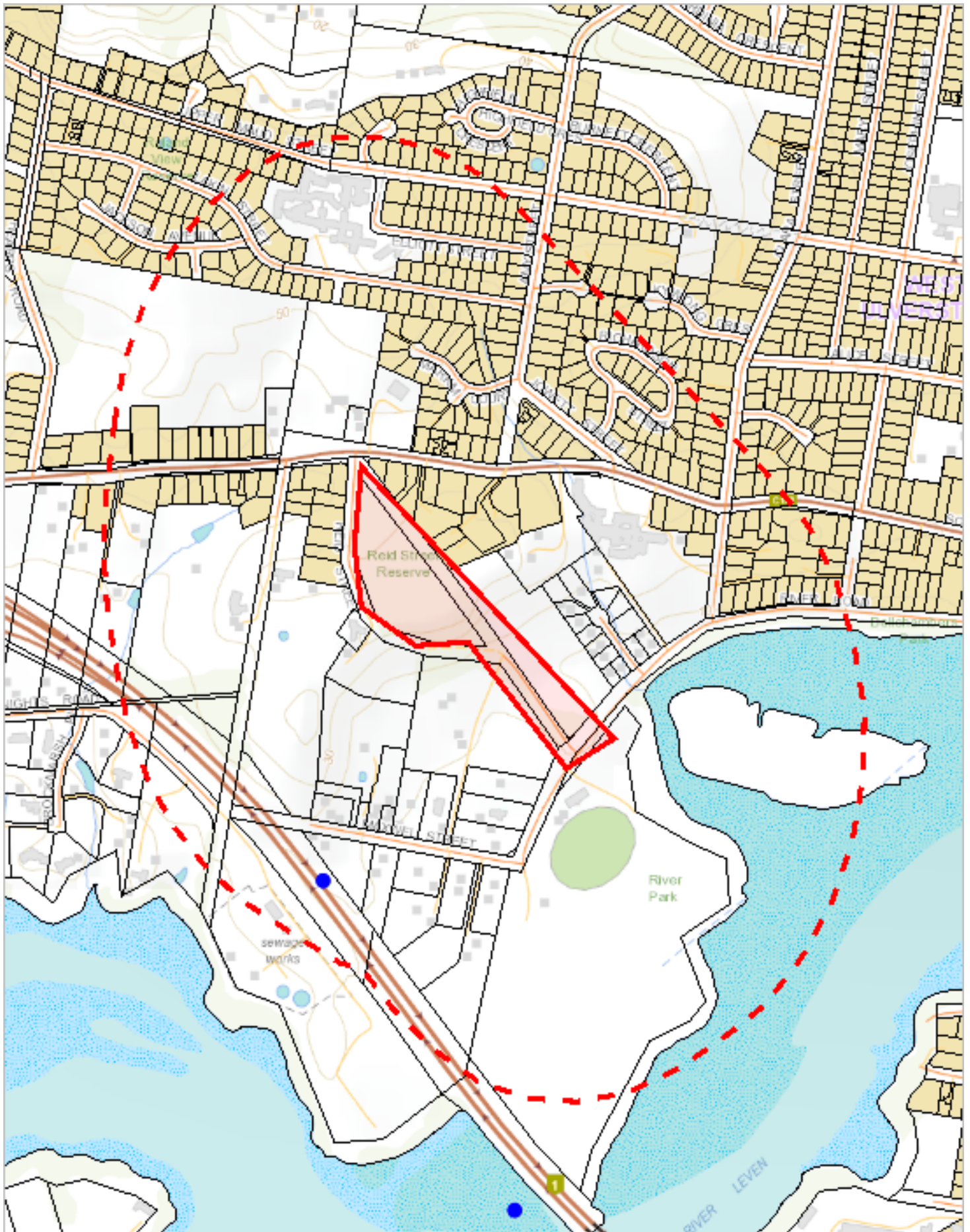
For more information about threatened species, please contact Threatened Species Enquiries.

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Email: [ThreatenedSpecies.Enquiries@dpiwve.tas.gov.au](mailto:ThreatenedSpecies.Enquiries@dpiwve.tas.gov.au)

Address: GPO Box 44, Hobart, Tasmania, Australia, 7000





427983, 5442881

Please note that some layers may not display at all requested map scales

# Threatened fauna within 500 metres

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

Line Verified

Line Unverified

■ Polygon Verified

■ Polygon Unverified

Legend: Cadastral Parcels



# Threatened fauna within 500 metres

## Verified Records

Species	Common Name	SS	NS	Bio	Observation Count	Last Recorded
<i>Perameles gunnii</i>	eastern barred bandicoot		VU	n	1	23-Oct-1991

## Unverified Records

No unverified records were found!

## Threatened fauna within 500 metres (based on Range Boundaries)

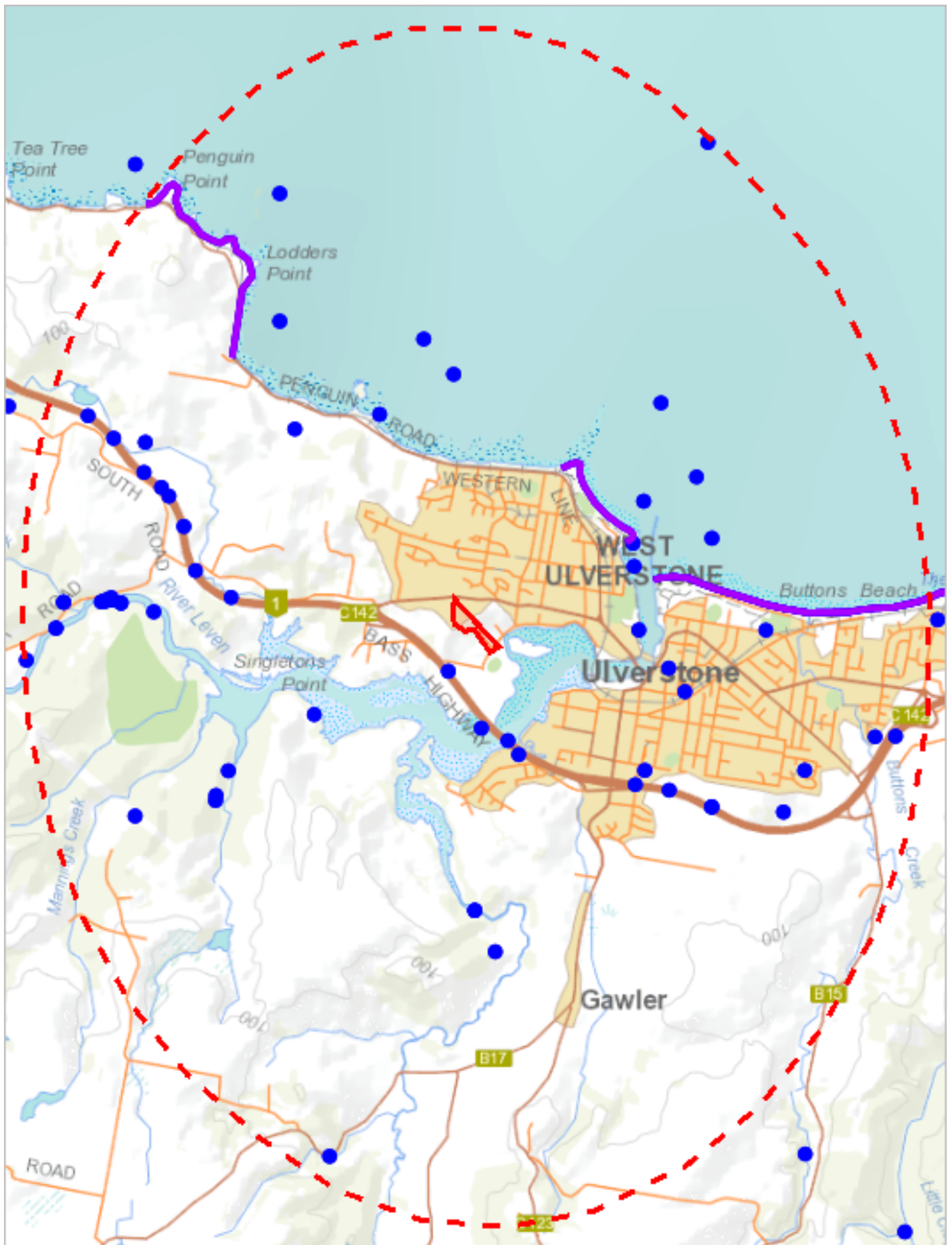
Species	Common Name	SS	NS	BO	Potential	Known	Core
<i>Astacopsis gouldi</i>	giant freshwater crayfish	v	VU	e	1	0	0
<i>Litoria raniformis</i>	green and gold frog	v	VU	n	1	0	0
<i>Pseudemoia pagenstecheri</i>	tussock skink	v		n	1	0	0
<i>Aquila audax</i> subsp. <i>fleayi</i>	tasmanian wedge-tailed eagle	e	EN	e	1	0	0
<i>Ceyx azureus</i> subsp. <i>diemenensis</i>	Tasmanian azure kingfisher	e	EN	e	0	0	1
<i>Limnodynastes peroni</i>	striped marsh frog	e		n	1	0	0
<i>Tyto novaehollandiae</i> subsp. <i>castanops</i>	masked owl (tasmanian)	e	VU	e	1	0	1
<i>Galaxiella pusilla</i>	eastern dwarf galaxias	v	VU	n	1	0	0
<i>Oreisplanus munionga</i> subsp. <i>larana</i>	marrawah skipper	e	VU	ae	1	0	0
<i>Perameles gunnii</i>	eastern barred bandicoot		VU	n	1	0	0
<i>Dasyurus maculatus</i> subsp. <i>maculatus</i>	spotted-tail quoll	r	VU	n	1	0	0
<i>Dasyurus viverrinus</i>	eastern quoll		EN	n	0	0	1
<i>Lathamus discolor</i>	swift parrot	e	CR	mbe	1	0	0
<i>Accipiter novaehollandiae</i>	grey goshawk	e		n	1	0	1
<i>Sarcophilus harrisii</i>	tasmanian devil	e	EN	e	1	0	0
<i>Prototroctes maraena</i>	australian grayling	v	VU	ae	1	0	0
<i>Haliaeetus leucogaster</i>	white-bellied sea-eagle	v		n	2	0	0

For more information about threatened species, please contact Threatened Species Enquiries.

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Address: GPO Box 44, Hobart, Tasmania, Australia, 7000



424537, 5438352

Please note that some layers may not display at all requested map scales

# Threatened fauna within 5000 metres

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

Line Verified

Line Unverified

■ Polygon Verified

■ Polygon Unverified

Legend: Cadastral Parcels





# Threatened fauna within 5000 metres

## Verified Records

Species	Common Name	SS	NS	Bio	Observation Count	Last Recorded
Alcedo azurea subsp. diemenensis	azure kingfisher or azure kingfisher (tasmanian)	e	EN	e	6	23-Sep-2009
Aquila audax subsp. fleayi	tasmanian wedge-tailed eagle	e	EN	e	3	14-Sep-2002
Astacopsis gouldi	giant freshwater crayfish	v	VU	e	1	01-Jan-1991
Ceyx azureus subsp. diemenensis	Tasmanian azure kingfisher	e	EN	e	7	30-Nov-2018
Dasyurus maculatus	spotted-tail quoll	r	VU	n	1	24-Oct-2018
Eubalaena australis	southern right whale	e	EN	m	5	13-Jul-2006
Gazameda gunnii	Gunn's screw shell	v			1	09-Mar-1985
Haliaeetus leucogaster	white-bellied sea-eagle	v		n	6	29-Mar-2019
Lathamus discolor	swift parrot	e	CR	mbe	1	12-Nov-1994
Litoria raniformis	green and gold frog	v	VU	n	1	10-Apr-2018
Megaptera novaeangliae	humpback whale	e	VU	m	7	11-Jun-2009
Perameles gunnii	eastern barred bandicoot		VU	n	22	07-Jan-2019
Prototroctes maraena	australian grayling	v	VU	ae	8	13-Oct-1987
Pteropus poliocephalus	grey-headed flying-fox		VU	n	1	08-Sep-2012
Sarcophilus harrisii	tasmanian devil	e	EN	e	1	23-Mar-2010
Sterna striata	white-fronted tern	v		n	1	04-Sep-1969
Thalassarche cauta	shy albatross	v	VU	n	7	03-Apr-2019
Thalassarche melanophris	black-browed albatross	e	VU	n	1	08-Nov-2018
Tyto novaehollandiae	masked owl	pe	PVU	n	3	01-Jun-1984
Tyto novaehollandiae subsp. castanops	masked owl (tasmanian)	e	VU	e	1	11-Oct-2015

## Unverified Records

No unverified records were found!

## Threatened fauna within 5000 metres (based on Range Boundaries)

Species	Common Name	SS	NS	BO	Potential	Known	Core
Astacopsis gouldi	giant freshwater crayfish	v	VU	e	1	0	0
Litoria raniformis	green and gold frog	v	VU	n	1	0	0
Engaeus granulatus	Central North burrowing crayfish	e	EN	e	1	0	0
Pseudemoia pagenstecheri	tussock skink	v		n	1	0	0
Aquila audax subsp. fleayi	tasmanian wedge-tailed eagle	e	EN	e	1	0	0
Ceyx azureus subsp. diemenensis	Tasmanian azure kingfisher	e	EN	e	0	0	1
Limnodynastes peroni	striped marsh frog	e		n	1	0	0
Tyto novaehollandiae subsp. castanops	masked owl (tasmanian)	e	VU	e	1	0	1
Galaxiella pusilla	eastern dwarf galaxias	v	VU	n	23	0	0
Dasyurus maculatus subsp. maculatus	spotted-tail quoll	r	VU	n	1	0	1
Oreisplanus munionga subsp. larana	marrawah skipper	e	VU	ae	1	0	0
Perameles gunnii	eastern barred bandicoot		VU	n	1	0	0
Dasyurus viverrinus	eastern quoll		EN	n	0	0	1
Lathamus discolor	swift parrot	e	CR	mbe	1	0	0
Prototroctes maraena	australian grayling	v	VU	ae	23	0	0
Accipiter novaehollandiae	grey goshawk	e		n	1	0	1
Sarcophilus harrisii	tasmanian devil	e	EN	e	1	0	0
Haliaeetus leucogaster	white-bellied sea-eagle	v		n	2	0	0

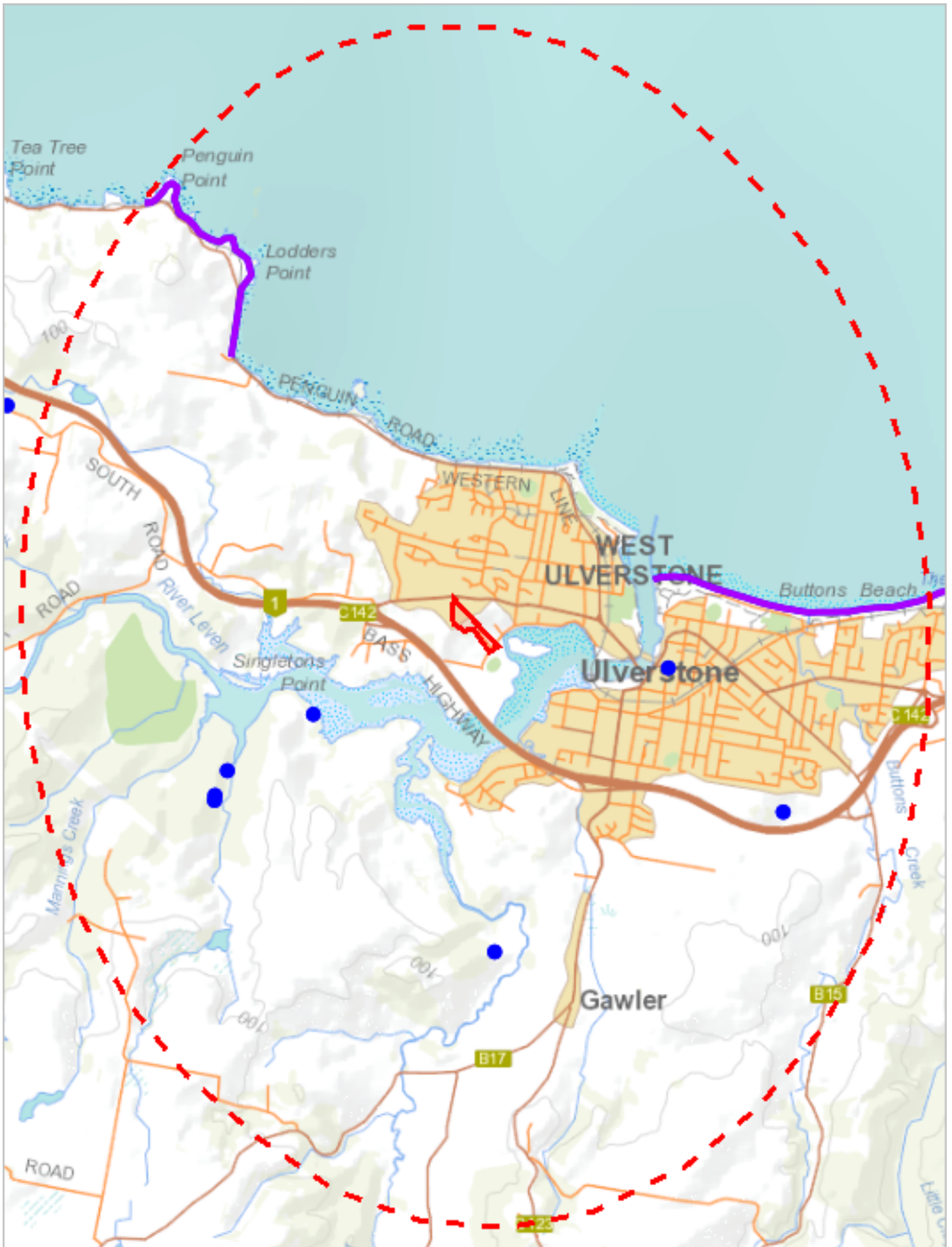
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Address: GPO Box 44, Hobart, Tasmania, Australia, 7000

\*\*\* No Raptor nests or sightings found within 500 metres. \*\*\*



424537, 5438352

Please note that some layers may not display at all requested map scales

# Raptor nests and sightings within 5000 metres

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

Line Verified

Line Unverified

■ Polygon Verified

■ Polygon Unverified

Legend: Cadastral Parcels



# Raptor nests and sightings within 5000 metres

## Verified Records

Nest Id/Location Foreign Id	Species	Common Name	Obs Type	Observation Count	Last Recorded
1086	Aquila audax subsp. fleayi	tasmanian wedge-tailed eagle	Nest	1	14-Sep-2002
605	Haliaeetus leucogaster	white-bellied sea-eagle	Nest	1	29-Sep-2004
923	Aquila audax subsp. fleayi	tasmanian wedge-tailed eagle	Nest	1	19-Dec-2000
924	Aquila audax subsp. fleayi	tasmanian wedge-tailed eagle	Nest	1	19-Dec-2000
	Haliaeetus leucogaster	white-bellied sea-eagle	Sighting	2	12-Sep-2018
	Tyto novaehollandiae	masked owl	Sighting	3	01-Jun-1984

## Unverified Records

No unverified records were found!

## Raptor nests and sightings within 5000 metres (based on Range Boundaries)

Species	Common Name	SS	NS	Potential	Known	Core
Aquila audax subsp. fleayi	tasmanian wedge-tailed eagle	e	EN	1	0	0
Haliaeetus leucogaster	white-bellied sea-eagle	v		2	0	0
Accipiter novaehollandiae	grey goshawk	e		1	0	1

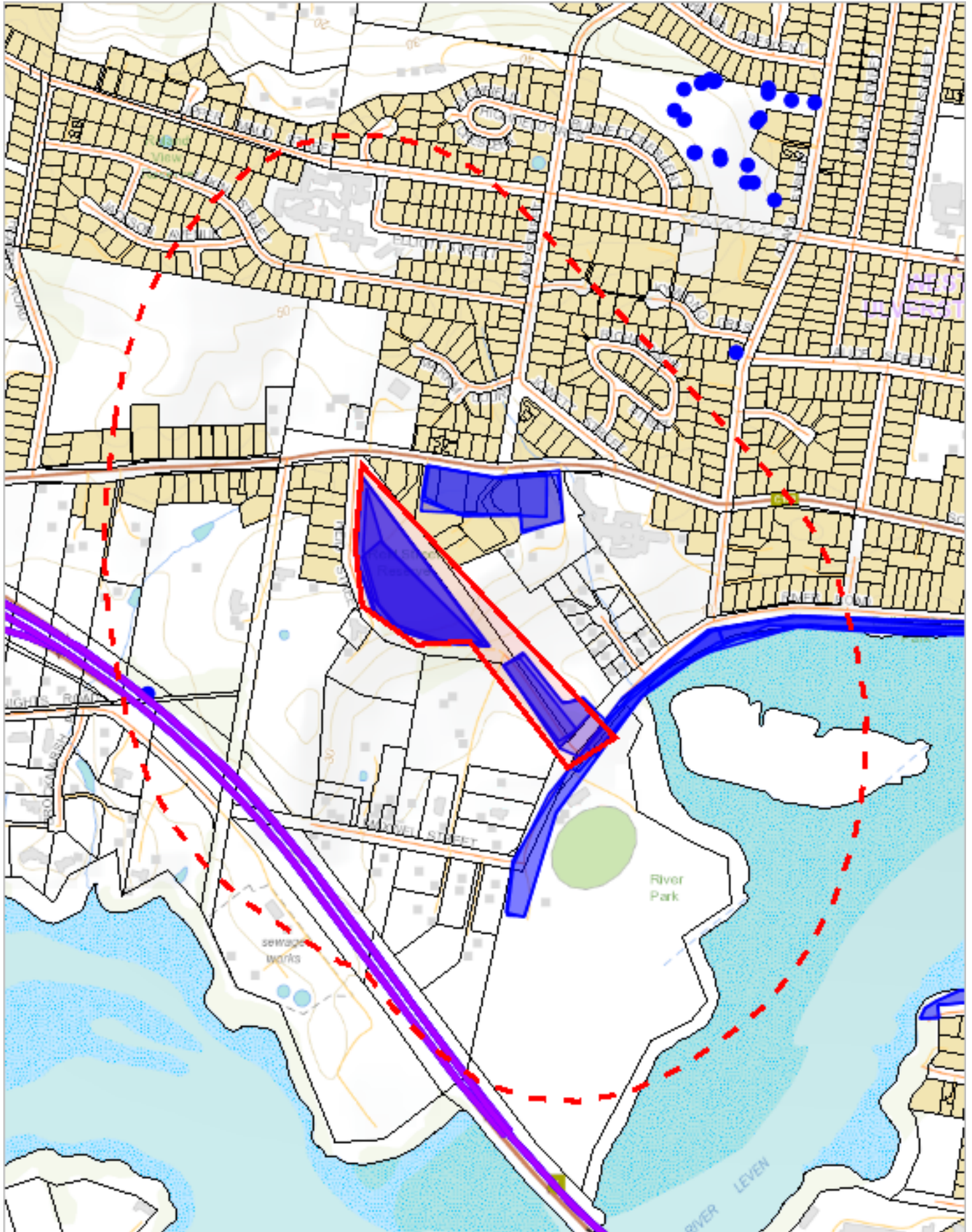
For more information about raptor nests, please contact Threatened Species Enquiries.

Telephone: 1300 368 550

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427983, 5442881

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# Tas Management Act Weeds within 500 m

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

▬ Line Verified

▬ Line Unverified

▭ Polygon Verified

▭ Polygon Unverified

Legend: Cadastral Parcels



# Tas Management Act Weeds within 500 m

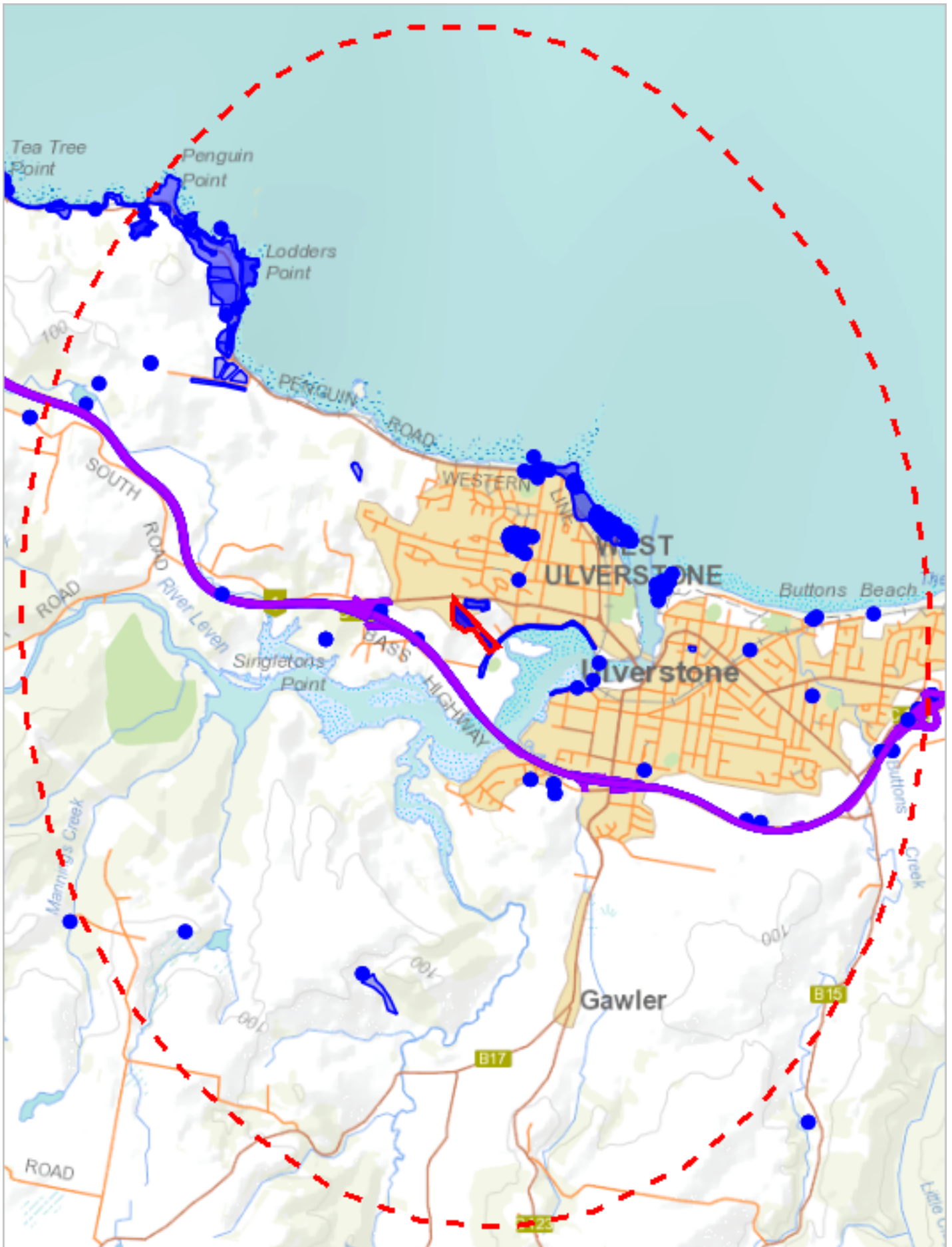
## Verified Records

Species	Common Name	Observation Count	Last Recorded
<i>Chrysanthemoides monilifera</i> subsp. <i>monilifera</i>	boneseed	15	01-Jul-2013
<i>Cortaderia</i> sp.	pampas grass	1	01-Apr-2009
<i>Erica lusitanica</i>	spanish heath	3	08-Jan-1995
<i>Rubus fruticosus</i>	blackberry	3	08-Jan-1995
<i>Ulex europaeus</i>	gorse	3	08-Jan-1995

## Unverified Records

For more information about introduced weed species, please visit the following URL for contact details in your area:

<http://dpi.pwe.tas.gov.au/invasive-species/weeds>



424537, 5438352

Please note that some layers may not display at all requested map scales

# Tas Management Act Weeds within 5000 m

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

▬ Line Verified

▬ Line Unverified

▭ Polygon Verified

▭ Polygon Unverified

Legend: Cadastral Parcels



# Tas Management Act Weeds within 5000 m

## Verified Records

Species	Common Name	Observation Count	Last Recorded
<i>Asparagus asparagoides</i>	bridal creeper	89	01-Jul-2013
<i>Asparagus scandens</i>	asparagus fern	1	22-Sep-2010
<i>Carduus pycnocephalus</i>	slender thistle	3	30-Nov-2017
<i>Chrysanthemoides monilifera</i> subsp. <i>monilifera</i>	boneseed	78	01-Jul-2013
<i>Cortaderia jubata</i>	pink pampasgrass	1	29-Jul-2004
<i>Cortaderia selloana</i>	silver pampasgrass	1	09-Apr-2001
<i>Cortaderia</i> sp.	pampas grass	8	06-Apr-2016
<i>Erica lusitanica</i>	spanish heath	8	03-Nov-2004
<i>Foeniculum vulgare</i>	fennel	1	13-Oct-2018
<i>Genista monspessulana</i>	montpellier broom	3	27-Jan-2011
<i>Hypericum perforatum</i> subsp. <i>veronense</i>	perforated st johns-wort	12	09-Dec-2010
<i>Leycesteria formosa</i>	himalayan honeysuckle	1	01-Jan-0001
<i>Rubus anglocandicans</i>	blackberry	21	20-Jan-2016
<i>Rubus fruticosus</i>	blackberry	15	11-Jun-2013
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	rusty willow	7	01-Apr-2008
<i>Senecio jacobaea</i>	ragwort	5	02-Feb-2017
<i>Ulex europaeus</i>	gorse	8	09-Dec-2010

## Unverified Records

For more information about introduced weed species, please visit the following URL for contact details in your area:

<http://dpiwpe.tas.gov.au/invasive-species/weeds>





427983, 5442881

Please note that some layers may not display at all requested map scales

## Priority Weeds within 500 m

Legend: Verified and Unverified observations

● Point Verified

● Point Unverified

Line Verified

Line Unverified

■ Polygon Verified

■ Polygon Unverified

Legend: Cadastral Parcels



## Priority Weeds within 500 m

### Verified Records

Species	Common Name	Observation Count	Last Recorded
Cuscuta campestris	golden dodder	1	01-Feb-2013

### Unverified Records

For more information about introduced weed species, please visit the following URL for contact details in your area:

<http://dipwwe.tas.gov.au/invasive-species/weeds>



424537, 5438352

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# Priority Weeds within 5000 m

Legend: Verified and Unverified observations

- Point Verified

● Point Unverified

▮ Polygon Verified

▮ Polygon Unverified
- ▮ Line Verified

▮ Line Unverified

Legend: Cadastral Parcels





## Priority Weeds within 5000 m

### Verified Records

Species	Common Name	Observation Count	Last Recorded
Acacia baileyana	cootamundra wattle	2	29-Jul-2004
Billardiera heterophylla	bluebell creeper	1	13-Sep-2001
Cuscuta campestris	golden dodder	1	01-Feb-2013
Pittosporum undulatum	sweet pittosporum	1	29-Jul-2004
Reseda luteola	weld	1	01-Oct-1926
Rumex obtusifolius	broadleaf dock	1	09-Apr-2001

### Unverified Records

For more information about introduced weed species, please visit the following URL for contact details in your area:

<http://dppwe.tas.gov.au/invasive-species/weeds>

\*\*\* No Geoconservation sites found within 1000 metres. \*\*\*






427600, 5442378




Please note that some layers may not display at all requested map scales

## Acid Sulfate Soils within 1000 metres


Legend: Coastal Acid Sulfate Soils (0 - 20m AHD)

 High  Low  Extremely Low

Legend: Inland Acid Sulfate Soils (>20m AHD)

 High  Low  Extremely Low

Legend: Marine Subaqueous/Intertidal Acid Sulfate Soil

 High (Intertidal)  High (Subtidal)

Legend: Cadastral Parcels



## Acid Sulfate Soils within 1000 metres

Dataset Name	Acid Sulfate Soil Probability	Acid Sulfate Soil Atlas	Description
Coastal Acid Sulfate Soils	Low	Bh(p2)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes <2m AHD, ASS generally within 1m of the surface. Often wet heath. Holocene or Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). Analytical data are incomplete but are sufficient to classify the soil with a reasonable degree of confidence.
Coastal Acid Sulfate Soils	Low	Bh(p3)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes <2m AHD, ASS generally within 1m of the surface. Often wet heath. Holocene or Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but confidence is fair, based on a knowledge of similar soils in similar environments.
Coastal Acid Sulfate Soils	Low	Bi(p2)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes 2-10m AHD, ASS generally below 1m from the surface. Heath, forests. Holocene or Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but are sufficient to classify the soil with a reasonable degree of confidence.
Coastal Acid Sulfate Soils	Low	Bi(p3)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes 2-10m AHD, ASS generally below 1m from the surface. Heath, forests. Holocene or Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but confidence is fair, based on a knowledge of similar soils in similar environments.
Coastal Acid Sulfate Soils	Low	Bj(p2)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Sandplains and dunes >10m AHD, ASS generally below 1m from the surface. Heath, forests. Mainly Pleistocene. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). Analytical data are incomplete but are sufficient to classify the soil with a reasonable degree of confidence.
Coastal Acid Sulfate Soils	Low	Bu(p3)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Unclassified - Insufficient landscape information available to classify map unit. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but confidence is fair, based on a knowledge of similar soils in similar environments.
Coastal Acid Sulfate Soils	Low	Bx(p3)	Low probability of occurrence (6-70% chance of occurrence in mapping unit). Disturbed ASS terrain, ASS material present below urban development, or present in former tidal zones inside bund walls e.g dredge spoil etc. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but confidence is fair, based on a knowledge of similar soils in similar environments.
Marine Subaqueous and Intertidal Acid Sulfate Soils	High	Aa(p3)	High probability of occurrence (>70% chance of occurrence in mapping unit). Subaqueous material in subtidal wetland, PASS material and/or MBO. Often seagrasses. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but confidence is fair, based on a knowledge of similar soils in similar environments.
Marine Subaqueous and Intertidal Acid Sulfate Soils	High	Ab(p3)	High probability of occurrence (>70% chance of occurrence in mapping unit). Intertidal flats, PASS generally within upper 1m. Potential acid sulfate soil (PASS) = sulfidic material (Isbell 1996 p.122). No necessary analytical data are available but confidence is fair, based on a knowledge of similar soils in similar environments.

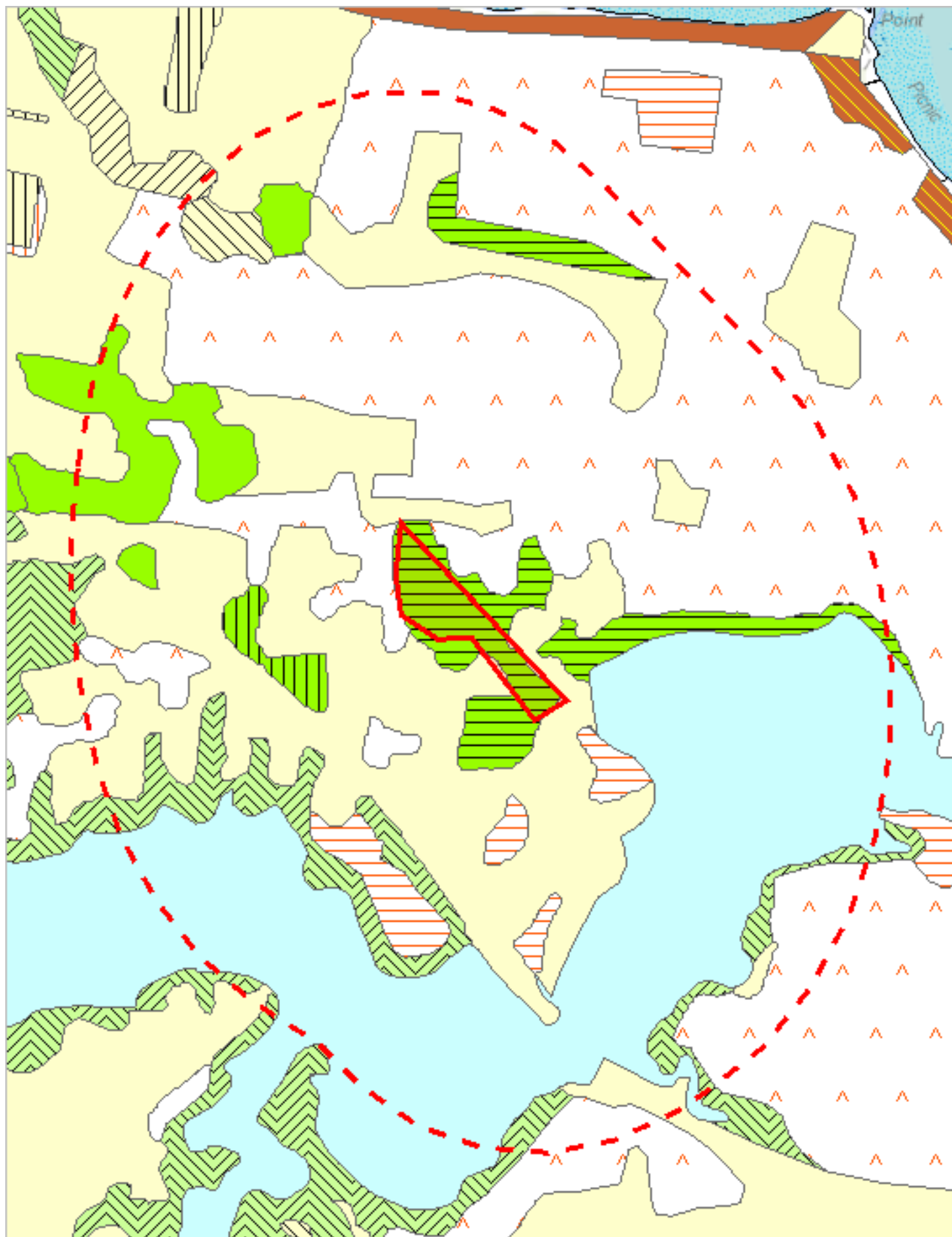
For more information about Acid Sulfate Soils, please contact Land Management Enquiries.

Telephone: (03) 6777 2227

Fax: (03) 6336 5111

Email: [LandManagement.Enquiries@dipwe.tas.gov.au](mailto:LandManagement.Enquiries@dipwe.tas.gov.au)




























































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





Please note that some layers may not display at all requested map scales

## Legend: TASVEG 3.0









































	DAC - Eucalyptus amygdalina coastal forest and woodland
	DAD - Eucalyptus amygdalina forest and woodland on dolerite
	DAS - Eucalyptus amygdalina forest and woodland on sandstone
	DAM - Eucalyptus amygdalina forest on mudstone
	DAZ - Eucalyptus amygdalina inland forest and woodland on Cainozoic deposits
	DSC - Eucalyptus amygdalina - Eucalyptus obliqua damp sclerophyll forest
	DBA - Eucalyptus barberi forest and woodland
	DCO - Eucalyptus coccifera forest and woodland
	DCR - Eucalyptus cordata forest
	DDP - Eucalyptus dalrympleana - Eucalyptus pauciflora forest and woodland
	DDE - Eucalyptus delegatensis dry forest and woodland
	DGL - Eucalyptus globulus dry forest and woodland
	DGW - Eucalyptus gunnii woodland
	DMO - Eucalyptus morrisbyi forest and woodland
	DNI - Eucalyptus nitida dry forest and woodland
	DNF - Eucalyptus nitida Furneaux forest
	DOB - Eucalyptus obliqua dry forest
	DOV - Eucalyptus ovata forest and woodland
	DOW - Eucalyptus ovata heathy woodland
	DPO - Eucalyptus pauciflora forest and woodland not on dolerite
	DPD - Eucalyptus pauciflora forest and woodland on dolerite
	DPE - Eucalyptus perriniana forest and woodland
	DPU - Eucalyptus pulchella forest and woodland
	DRI - Eucalyptus risdonii forest and woodland
	DRO - Eucalyptus rodwayi forest and woodland
	DSO - Eucalyptus sieberi forest and woodland not on granite
	DSG - Eucalyptus sieberi forest and woodland on granite
	DTD - Eucalyptus tenuiramis forest and woodland on dolerite
	DTG - Eucalyptus tenuiramis forest and woodland on granite
	DTO - Eucalyptus tenuiramis forest and woodland on sediments
	DVF - Eucalyptus viminalis Furneaux forest and woodland
	DVG - Eucalyptus viminalis grassy forest and woodland
	DVC - Eucalyptus viminalis - Eucalyptus globulus coastal forest and woodland
	DKW - King Island Eucalypt woodland
	DMW - Midlands woodland complex
	WBR - Eucalyptus brookeriana wet forest
	WDA - Eucalyptus dalrympleana forest
	WDL - Eucalyptus delegatensis forest over Leptospermum
	WDR - Eucalyptus delegatensis forest over rainforest
	WDB - Eucalyptus delegatensis forest with broad-leaf shrubs
	WDU - Eucalyptus delegatensis wet forest (undifferentiated)
	WGK - Eucalyptus globulus King Island forest
	WGL - Eucalyptus globulus wet forest
	WNL - Eucalyptus nitida forest over Leptospermum
	WNR - Eucalyptus nitida forest over rainforest
	WNU - Eucalyptus nitida wet forest (undifferentiated)
	WOL - Eucalyptus obliqua forest over Leptospermum
	WOR - Eucalyptus obliqua forest over rainforest
	WOB - Eucalyptus obliqua forest with broad-leaf shrubs
	WOU - Eucalyptus obliqua wet forest (undifferentiated)
	WRE - Eucalyptus regnans forest
	WSU - Eucalyptus subcrenulata forest and woodland
	WVI - Eucalyptus viminalis wet forest
	RPF - Athrotaxis cupressoides - Nothofagus gunnii short rainforest
	RPW - Athrotaxis cupressoides open woodland
	RPP - Athrotaxis cupressoides rainforest
	RKF - Athrotaxis selaginoides - Nothofagus gunnii short rainforest
	RKP - Athrotaxis selaginoides rainforest
	RKS - Athrotaxis selaginoides subalpine scrub



# TASVEG 3.0 Communities within 1000 metres

	RCO - Coastal rainforest
	RSH - Highland low rainforest and scrub
	RKX - Highland rainforest scrub with dead <i>Athrotaxis selaginoides</i>
	RHP - <i>Lagarostrobos franklinii</i> rainforest and scrub
	RMT - <i>Nothofagus</i> - <i>Atherosperma</i> rainforest
	RML - <i>Nothofagus</i> - <i>Leptospermum</i> short rainforest
	RMS - <i>Nothofagus</i> - <i>Phyllocladus</i> short rainforest
	RFS - <i>Nothofagus gunnii</i> rainforest and scrub
	RMU - <i>Nothofagus</i> rainforest (undifferentiated)
	RFE - Rainforest fernland
	NAD - <i>Acacia dealbata</i> forest
	NAR - <i>Acacia melanoxylon</i> forest on rises
	NAF - <i>Acacia melanoxylon</i> swamp forest
	NAL - <i>Allocasuarina littoralis</i> forest
	NAV - <i>Allocasuarina verticillata</i> forest
	NBS - <i>Banksia serrata</i> woodland
	NBA - <i>Bursaria</i> - <i>Acacia</i> woodland and scrub
	NCR - <i>Callitris rhomboidea</i> forest
	NLE - <i>Leptospermum</i> forest
	NLM - <i>Leptospermum lanigerum</i> - <i>Melaleuca squarrosa</i> swamp forest
	NLA - <i>Leptospermum scoparium</i> - <i>Acacia mucronata</i> forest
	NME - <i>Melaleuca ericifolia</i> swamp forest
	NLN - Subalpine <i>Leptospermum nitidum</i> woodland
	AHF - Fresh water aquatic herbland
	ASF - Freshwater aquatic sedgeland and rushland
	AHL - Lacustrine herbland
	AHS - Saline aquatic herbland
	ARS - Saline sedgeland/rushland
	AUS - Saltmarsh (undifferentiated)
	ASS - Succulent saline herbland
	AWU - Wetland (undifferentiated)
	SAL - <i>Acacia longifolia</i> coastal scrub
	SBM - <i>Banksia marginata</i> wet scrub
	SBR - Broad-leaf scrub
	SCH - Coastal heathland
	SSC - Coastal scrub
	SCA - Coastal scrub on alkaline sands
	SRE - Eastern riparian scrub
	SED - Eastern scrub on dolerite
	SCL - Heathland on calcareous substrates
	SKA - <i>Kunzea ambigua</i> regrowth scrub
	SLG - <i>Leptospermum glaucescens</i> heathland and scrub
	SLL - <i>Leptospermum lanigerum</i> scrub
	SLS - <i>Leptospermum scoparium</i> heathland and scrub
	SLW - <i>Leptospermum</i> scrub
	SRF - <i>Leptospermum</i> with rainforest scrub
	SMP - <i>Melaleuca pustulata</i> scrub
	SMM - <i>Melaleuca squamea</i> heathland
	SMR - <i>Melaleuca squarrosa</i> scrub
	SRH - Rookery halophytic herbland
	SSK - Scrub complex on King Island
	SSZ - Spray zone coastal complex
	SHS - Subalpine heathland
	SWR - Western regrowth complex
	SSW - Western subalpine scrub
	SWW - Western wet scrub
	SHW - Wet heathland
	HCH - Alpine coniferous heathland
	HCM - Cushion moorland
	HHE - Eastern alpine heathland
	HSE - Eastern alpine sedgeland

# TASVEG 3.0 Communities within 1000 metres

	HUE - Eastern alpine vegetation (undifferentiated)
	HHW - Western alpine heathland
	HSW - Western alpine sedgeland/herbland
	MAP - Alkaline pans
	MBU - Buttongrass moorland (undifferentiated)
	MBS - Buttongrass moorland with emergent shrubs
	MBE - Eastern buttongrass moorland
	MGH - Highland grassy sedgeland
	MBP - Pure buttongrass moorland
	MRR - Restionaceae rushland
	MBR - Sparse buttongrass moorland on slopes
	MSP - Sphagnum peatland
	MDS - Subalpine Diplarrena latifolia rushland
	MBW - Western buttongrass moorland
	MSW - Western lowland sedgeland
	GHC - Coastal grass and herbfield
	GPH - Highland Poa grassland
	GCL - Lowland grassland complex
	GSL - Lowland grassy sedgeland
	GPL - Lowland Poa labillardierei grassland
	GTL - Lowland Themeda triandra grassland
	GRP - Rockplate grassland
	FAG - Agricultural land
	FUM - Extra-urban miscellaneous
	FMG - Marram grassland
	FPE - Permanent easements
	FPL - Plantations for silviculture
	FPF - Pteridium esculentum fernland
	FRG - Regenerating cleared land
	FSM - Spartina marshland
	FPU - Unverified plantations for silviculture
	FUR - Urban areas
	FWU - Weed infestation
	QCS - Coastal slope complex
	QCT - Coastal terrace mosaic
	QKB - Kelp beds
	QAM - Macquarie alpine mosaic
	QMI - Mire
	QST - Short tussock grassland/rushland with herbs
	QTT - Tall tussock grassland with megaherbs
	ORO - Lichen lithosere
	OSM - Sand, mud
	OAQ - Water, sea

Legend: Cadastral Parcels



## TASVEG 3.0 Communities within 1000 metres

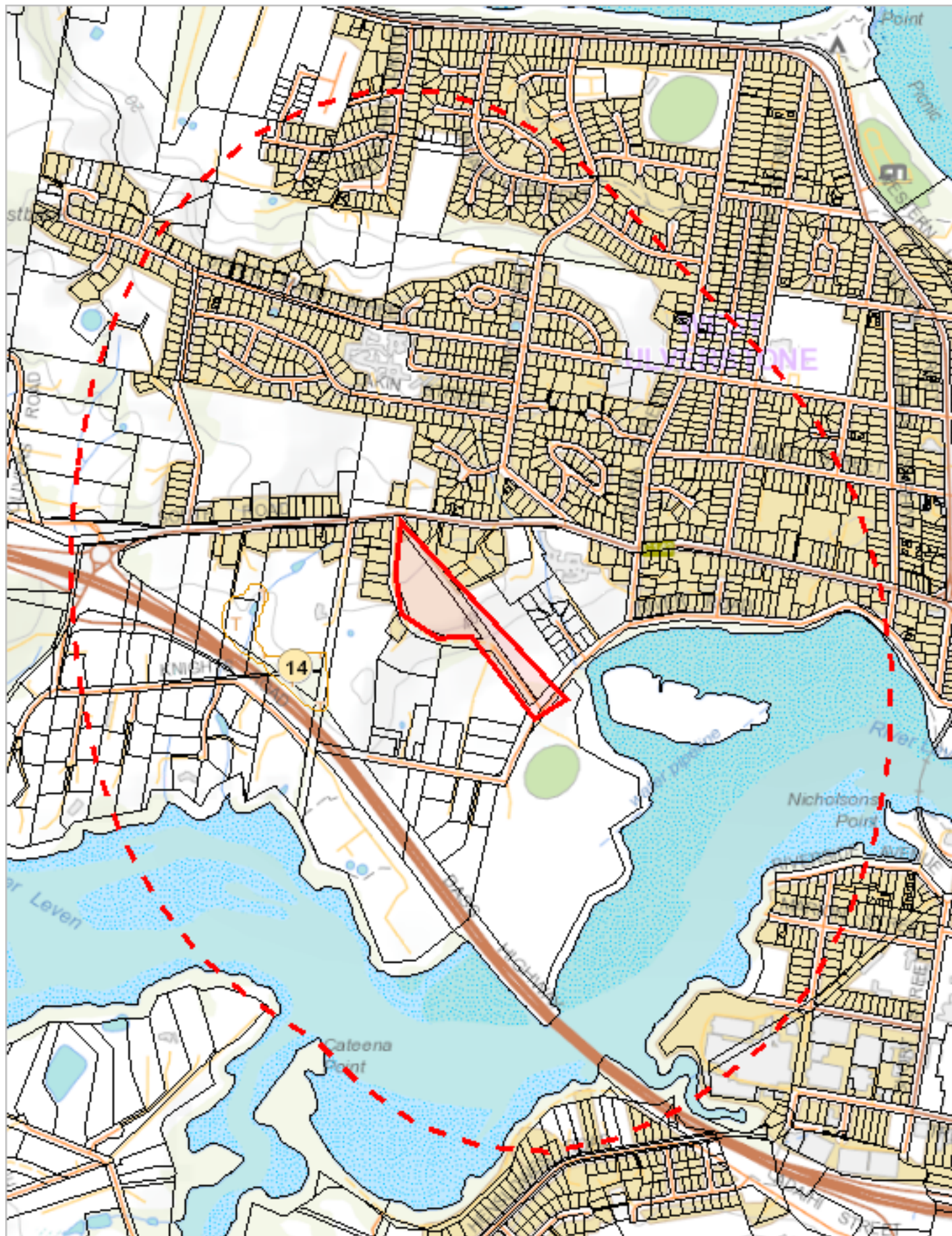
Code	Community	Emergent Species
DAC	(DAC) Eucalyptus amygdalina coastal forest and woodland	
DAD	(DAD) Eucalyptus amygdalina forest and woodland on dolerite	
DAS	(DAS) Eucalyptus amygdalina forest and woodland on sandstone	
DOB	(DOB) Eucalyptus obliqua dry forest	
FAG	(FAG) Agricultural land	
FPF	(FPF) Pteridium esculentum fernland	
FRG	(FRG) Regenerating cleared land	
FUM	(FUM) Extra-urban miscellaneous	
FUR	(FUR) Urban areas	
OAQ	(OAQ) Water, sea	

For more information contact: Coordinator, Tasmanian Vegetation Monitoring and Mapping Program.

Telephone: (03) 6165 4320

Email: [TVMMPsupport@dpiwve.tas.gov.au](mailto:TVMMPsupport@dpiwve.tas.gov.au)

Address: GPO Box 44, Hobart, Tasmania, Australia, 7000



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Please note that some layers may not display at all requested map scales



# Threatened Communities (TNVC 2014) within 1000 metres

## Legend: Threatened Communities

- ☐ 1 - Alkaline pans
- ☐ 2 - Allocasuarina littoralis forest
- ☐ 3 - Athrotaxis cupressoides/Nothofagus gunnii short rainforest
- ☐ 4 - Athrotaxis cupressoides open woodland
- ☐ 5 - Athrotaxis cupressoides rainforest
- ☐ 6 - Athrotaxis selaginoides/Nothofagus gunnii short rainforest
- ☐ 7 - Athrotaxis selaginoides rainforest
- ☐ 8 - Athrotaxis selaginoides subalpine scrub
- ☐ 9 - Banksia marginata wet scrub
- ☐ 10 - Banksia serrata woodland
- ☐ 11 - Callitris rhomboidea forest
- ☐ 13 - Cushion moorland
- ☐ 14 - Eucalyptus amygdalina forest and woodland on sandstone
- ☐ 15 - Eucalyptus amygdalina inland forest and woodland on cainozoic deposits
- ☐ 16 - Eucalyptus brookeriana wet forest
- ☐ 17 - Eucalyptus globulus dry forest and woodland
- ☐ 18 - Eucalyptus globulus King Island forest
- ☐ 19 - Eucalyptus morrisbyi forest and woodland
- ☐ 20 - Eucalyptus ovata forest and woodland
- ☐ 21 - Eucalyptus risdonii forest and woodland
- ☐ 22 - Eucalyptus tenuiramis forest and woodland on sediments
- ☐ 23 - Eucalyptus viminalis - Eucalyptus globulus coastal forest and woodland
- ☐ 24 - Eucalyptus viminalis Furneaux forest and woodland
- ☐ 25 - Eucalyptus viminalis wet forest
- ☐ 26 - Heathland on calcareous substrates
- ☐ 27 - Heathland scrub complex at Wingaroo
- ☐ 28 - Highland grassy sedge land
- ☐ 29 - Highland Poa grassland
- ☐ 30 - Melaleuca ericifolia swamp forest
- ☐ 31 - Melaleuca pustulata scrub
- ☐ 32 - Notelaea - Pomaderris - Beyeria forest
- ☐ 33 - Rainforest fernland
- ☐ 34 - Riparian scrub
- ☐ 35 - Seabird rookery complex
- ☐ 36 - Sphagnum peatland
- ☐ 36A - Spray zone coastal complex
- ☐ 37 - Subalpine Diplarrena latifolia rushland
- ☐ 38 - Subalpine Leptospermum nitidum woodland
- ☐ 39 - Wetlands

## Legend: Cadastral Parcels





## Threatened Communities (TNVC 2014) within 1000 metres

Scheduled Community Id	Scheduled Community Name
14	Eucalyptus amygdalina forest and woodland on sandstone

For more information contact: Coordinator, Tasmanian Vegetation Monitoring and Mapping Program.

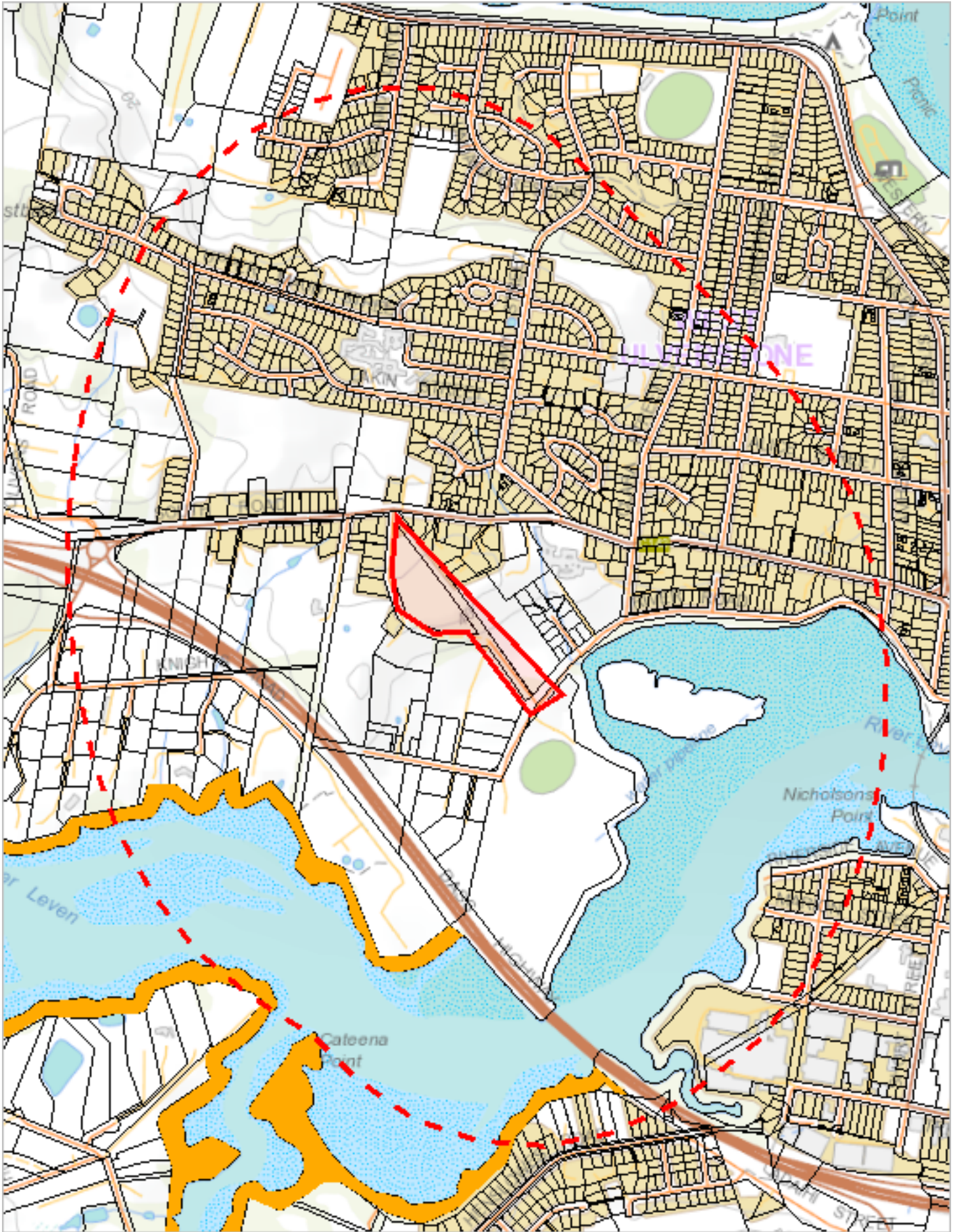
Telephone: (03) 6165 4320

Email: [TVMMPsupport@dpiwre.tas.gov.au](mailto:TVMMPsupport@dpiwre.tas.gov.au)

Address: GPO Box 44, Hobart, Tasmania, Australia, 7000

\*\*\* No Fire History (All) found within 1000 metres \*\*\*

\*\*\* No Fire History (Last Burnt) found within 1000 metres \*\*\*




























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# Reserves within 1000 metres

## Legend: Tasmanian Reserve Estate

-  Conservation Area
-  Conservation Area and Conservation Covenant (NCA)
-  Game Reserve
-  Historic Site
-  Indigenous Protected Area
-  National Park
-  Nature Reserve
-  Nature Recreation Area
-  Regional Reserve
-  State Reserve
-  Wellington Park
-  Public authority land within WHA
-  Future Potential Production Forest
-  Informal Reserve on Permanent Timber Production Zone Land or STT managed land
-  Informal Reserve on other public land
-  Conservation Covenant (NCA)
-  Private Nature Reserve and Conservation Covenant (NCA)
-  Private Sanctuary and Conservation Covenant (NCA)
-  Private Sanctuary
-  Private land within WHA
-  Management Agreement
-  Management Agreement and Stewardship Agreement
-  Stewardship Agreement
-  Part 5 Agreement (Meander Dam Offset)
-  Other Private Reserve

## Legend: Cadastral Parcels



## Reserves within 1000 metres

Name	Classification	Status	Area (HA)
	Informal Reserve on other public land	Informal Reserve	7.670949999 9999995
	Informal Reserve on other public land	Informal Reserve	10.4297
	Informal Reserve on other public land	Informal Reserve	22.696

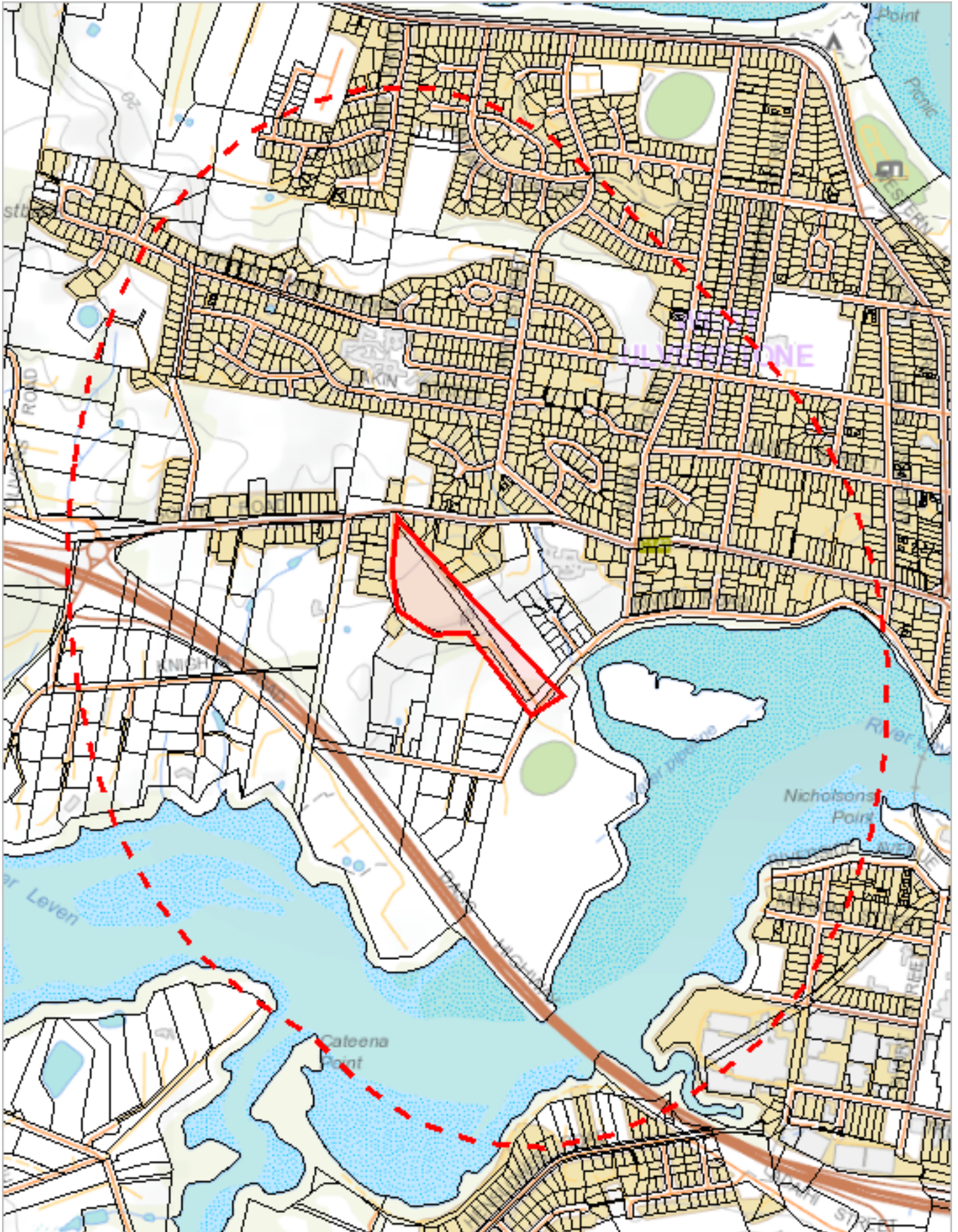
For more information about the Tasmanian Reserve Estate, please contact the Sustainable Land Use and Information Management Branch.

Telephone: (03) 6777 2224

Email: [LandManagement.Enquiries@dpiwve.tas.gov.au](mailto:LandManagement.Enquiries@dpiwve.tas.gov.au)

Address: GPO Box 44, Hobart, Tasmania, Australia, 7000





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Please note that some layers may not display at all requested map scales



# Known biosecurity risks within 1000 meters

## Legend: Biosecurity Risk Species

- Point Verified
- Point Unverified
- Line Verified
- Line Unverified
- Polygon Verified
- Polygon Unverified

## Legend: Hygiene infrastructure

- Location Point Verified
- Location Point Unverified
- Location Line Verified
- Location Line Unverified
- Location Polygon Verified
- Location Polygon Unverified

## Legend: Cadastral Parcels



# Known biosecurity risks within 1000 meters

## Verified Species of biosecurity risk

No verified species of biosecurity risk found within 1000 metres

## Unverified Species of biosecurity risk

No unverified species of biosecurity risk found within 1000 metres

## Generic Biosecurity Guidelines

The level and type of hygiene protocols required will vary depending on the tenure, activity and land use of the area. In all cases adhere to the land manager's biosecurity (hygiene) protocols. As a minimum always Check / Clean / Dry (Disinfect) clothing and equipment before trips and between sites within a trip as needed <http://dpi.pwe.tas.gov.au/invasive-species/weeds/weed-hygiene/keeping-it-clean-a-tasmanian-field-hygiene-manual>

On Reserved land, the more remote, infrequently visited and undisturbed areas require tighter biosecurity measures.

In addition, where susceptible species and communities are known to occur, tighter biosecurity measures are required.

Apply controls relevant to the area / activity:

- Don't access sites infested with pathogen or weed species unless absolutely necessary. If it is necessary to visit, adopt high level hygiene protocols.
- Consider not accessing non-infested sites containing known susceptible species / communities. If it is necessary to visit, adopt high level hygiene protocols.
- Don't undertake activities that might spread pest / pathogen / weed species such as deliberately moving soil or water between areas.
- Modify / restrict activities to reduce the chance of spreading pest / pathogen / weed species e.g. avoid periods when weeds are seeding, avoid clothing/equipment that excessively collects soil and plant material e.g. Velcro, excessive tread on boots.
- Plan routes to visit clean (uninfested) sites prior to dirty (infested) sites. Do not travel through infested areas when moving between sites.
- Minimise the movement of soil, water, plant material and hitchhiking wildlife between areas by using the Check / Clean / Dry (Disinfect when drying is not possible) procedure for all clothing, footwear, equipment, hand tools and vehicles <http://dpi.pwe.tas.gov.au/invasive-species/weeds/weed-hygiene>
- Neoprene and netting can take 48 hours to dry, use non-porous gear wherever possible.
- Use walking track boot wash stations where available.
- Keep a hygiene kit in the vehicle that includes a scrubbing brush, boot pick, and disinfectant <http://dpi.pwe.tas.gov.au/invasive-species/weeds/weed-hygiene/keeping-it-clean-a-tasmanian-field-hygiene-manual>
- Dispose of all freshwater away from natural water bodies e.g. do not empty water into streams or ponds.
- Dispose of used disinfectant ideally in town through a treatment or septic system. Always keep disinfectant well away from natural water systems.
- Securely contain any high risk pest / pathogen / weed species that must be collected and moved e.g. biological samples.

## Hygiene Infrastructure

No known hygiene infrastructure found within 1000 metres