

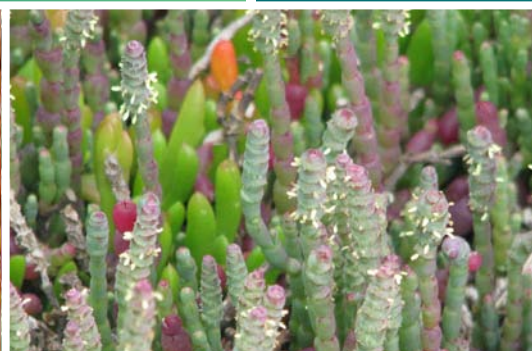
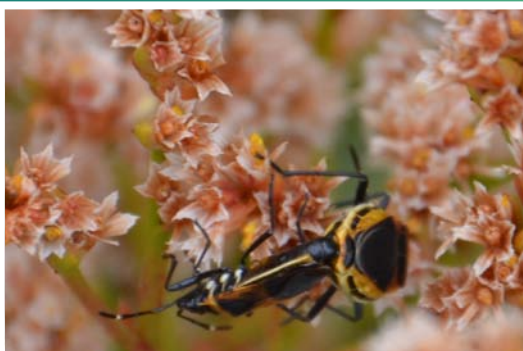


# MAPPING COASTAL SALTMARSHES IN SOUTHERN TASMANIA

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MAPPING  
SUMMARY





## INTRODUCTION FOR SALTMARSH ONLINE MAPS

Southern Tasmanian coastal saltmarshes form a crucial link between terrestrial and marine systems, providing critical ecological functions that support a range of ecosystem services and biodiversity values. Close to a half of these important coastal ecosystems have already been lost or degraded due to land use change and impacts, sporadic and variable management approaches and lack of broad awareness of the important values provided by these habitats. In addition, future climate change and sea level rise projections leave these ecosystems in a precarious position given that they occupy shores within one metre of high water.

The Southern Tasmanian Coastal Saltmarsh Futures project, completed in March 2013, produced an inventory, GIS based mapping and a report detailing the current extent of coastal saltmarshes throughout the southern region of Tasmania, as well as the 'future footprint' of saltmarshes under sea level rise conditions out to 2100.

The study area for this project comprised the seven 'coastal catchments' within the southern NRM region, namely Derwent Estuary-Bruny, Huon, Little Swanport, Pitt Water-Coal, Prosser, Swan-Apsley and Tasman. Two other 'riverine catchments', the Lower Derwent and Jordan, are also known to contain saltmarsh communities but were excluded from the project due to their relatively limited extent and reduced coastal influence compared to the above listed coastal catchments.

This document provides a summary of the mapping component of the Southern Tasmanian Coastal Saltmarsh Futures project and sits alongside the report and GIS mapping outputs. The following maps aim to provide accessible information on the locations of coastal saltmarsh patches, clusters and complexes and associated information on values, threats and land management data.

While this project has collected as much information within the limits of this first pass assessment, there are still information gaps to be filled. The project report

### MAPPING KEY



MAPPED SALTMARSH EXTENT



MODELLED FUTURE FOOTPRINT

### DESCRIPTIONS USED IN THIS REPORT

**Saltmarsh patch:** A continuous area of saltmarsh mapped in space and time.

**Saltmarsh cluster:** Group of saltmarsh patches that cluster around a geomorphic feature, e.g. river, creek, lagoon.

**Saltmarsh complex:** Group of saltmarsh patches or clusters in a large landscape context of regional relevance.

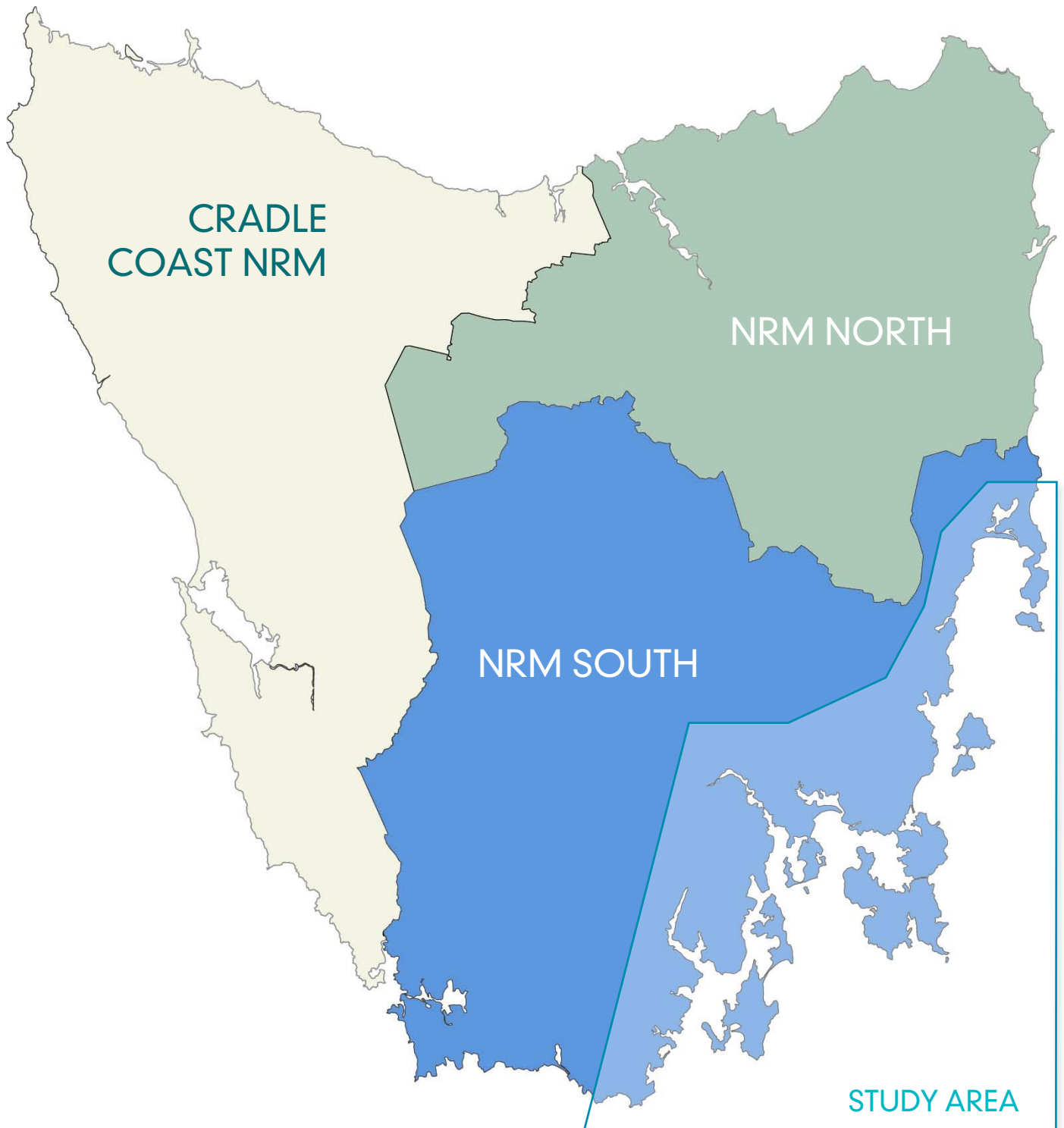
outlines the framework for the collection of associated information and highlights areas where further data can be collected in the future.

There are hundreds of saltmarsh patches across the region, some occurring in more remote locations and being small in size. Due to the large number and diversity across the region associated information has only been provided within this mapping summary for the larger patches and clusters that are likely to be of most interest to land managers and community groups.

If you are interested in an area of saltmarsh where this information has not been presented, or you would like to obtain the GIS mapping layers please contact NRM South. The Southern Tasmanian Coastal Saltmarsh Futures report is available on the NRM South website.

Any data, information or mapping that can be used for futures updates to the current information base on coastal saltmarshes in southern Tasmania can also be sent to NRM South.

This project has been undertaken by NRM South in partnership with the University of Tasmania, with funding through the Australian Government's Caring for Our Country program.





## ↓ A PEEK AT SOUTHERN TASMANIA'S SALTMARSHES



Moulting Lagoon saltmarsh.  
Photos Vishnu Prahalad



Port Cygnet saltmarsh, mixture of succulents, rushes and sedges, with a great egret.





Saltmarsh as a key bird habitat, North West Bay.



Life and death in a saltmarsh, a black swan skull at Moulting Lagoon.



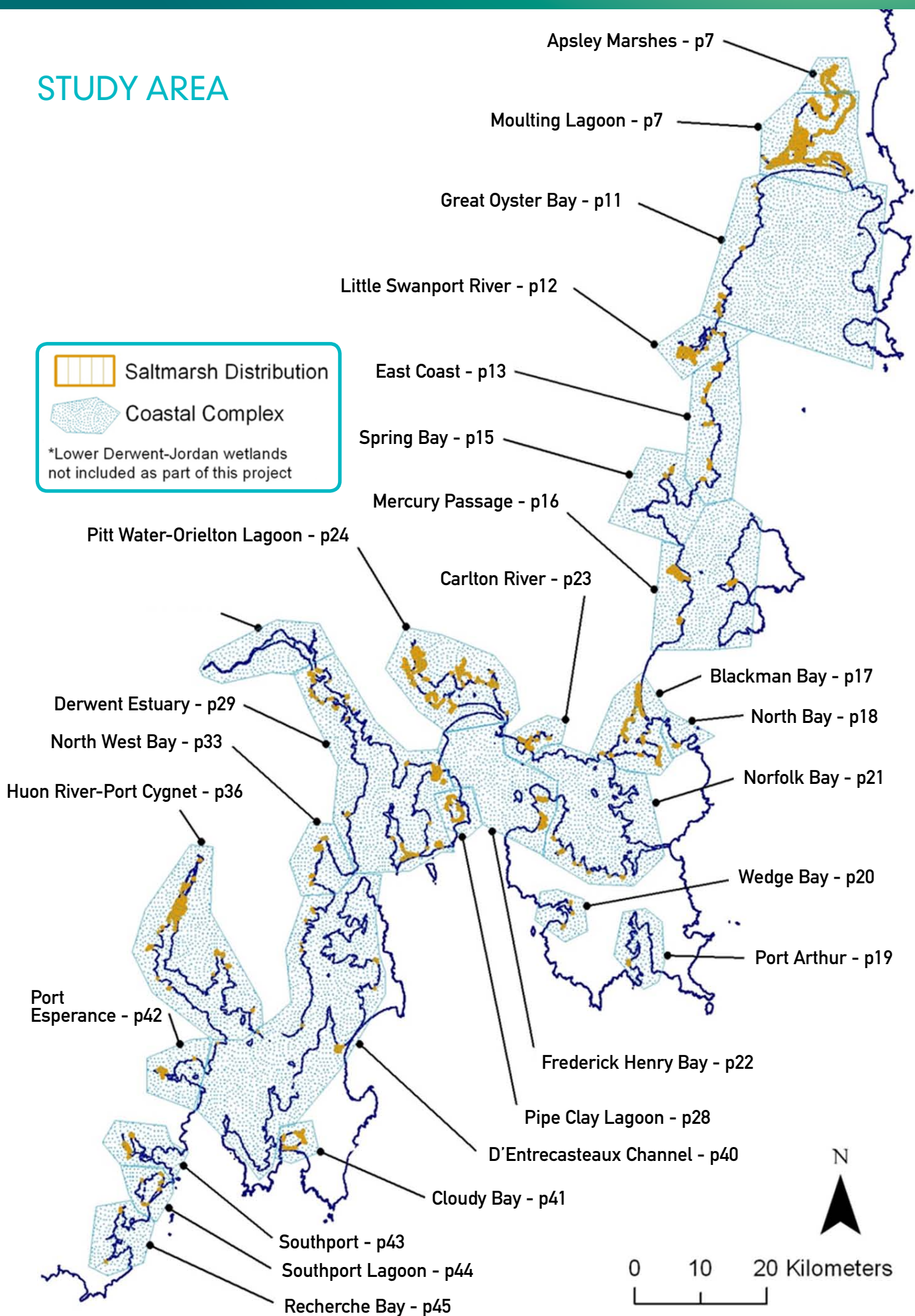
A crab in flooded saltmarsh.



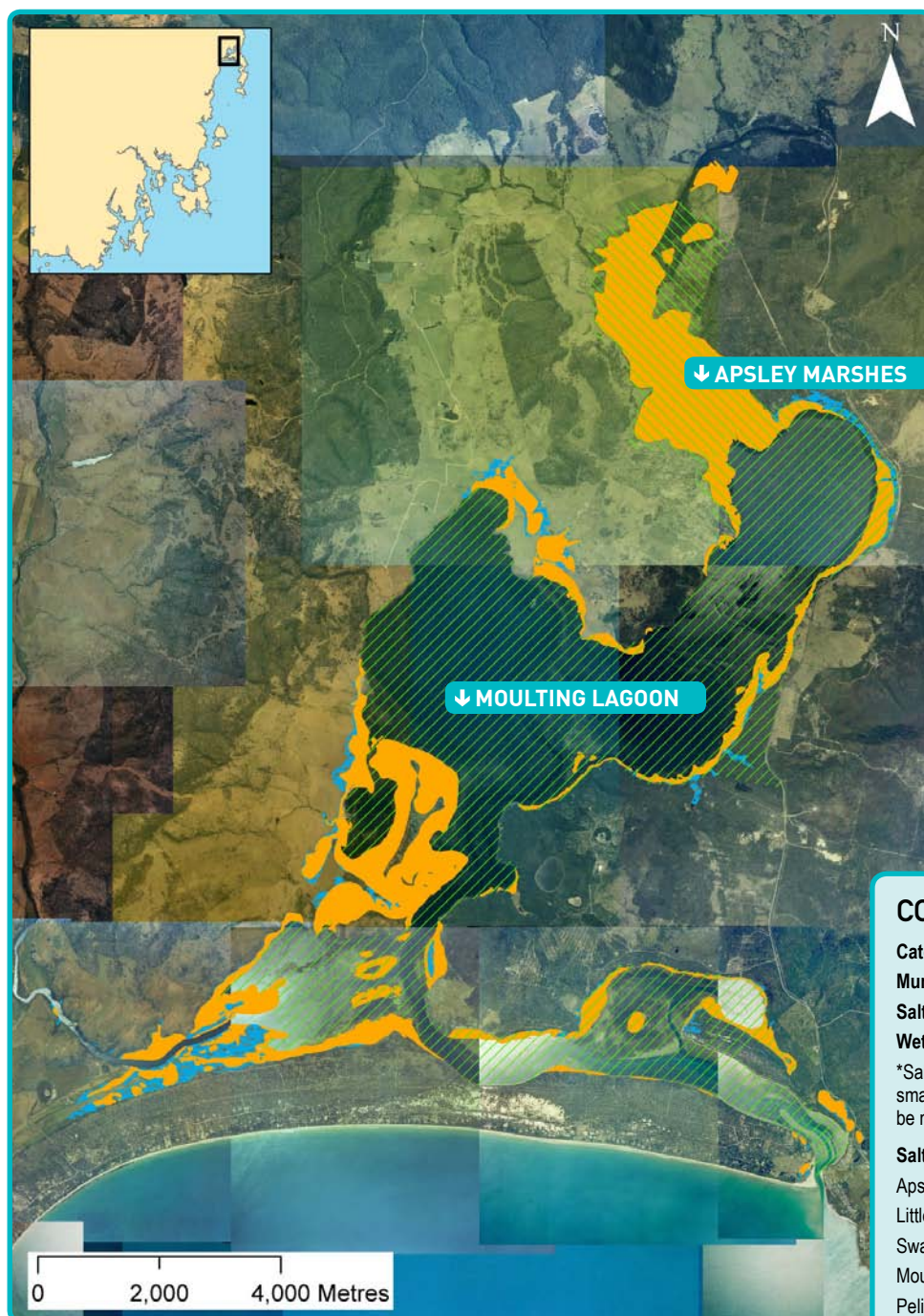
Cloudy Bay Lagoon saltmarsh, dominated by rushes.



## STUDY AREA



# 1. MOULTING LAGOON AND APSLEY MARSHES COASTAL COMPLEXES



## COMPLEX PROFILE

**Catchment:** Swan – Apsley

**Municipality:** Glamorgan Spring Bay

**Saltmarsh Area (Moulting Lagoon):** 968 ha

**Wetland Area (Apsley Marshes):** 628 ha\*

\*Saltmarshes are known to occupy only a relatively small portion of the larger wetland area which is yet to be mapped and validated.

### Saltmarsh Clusters within the Complex:

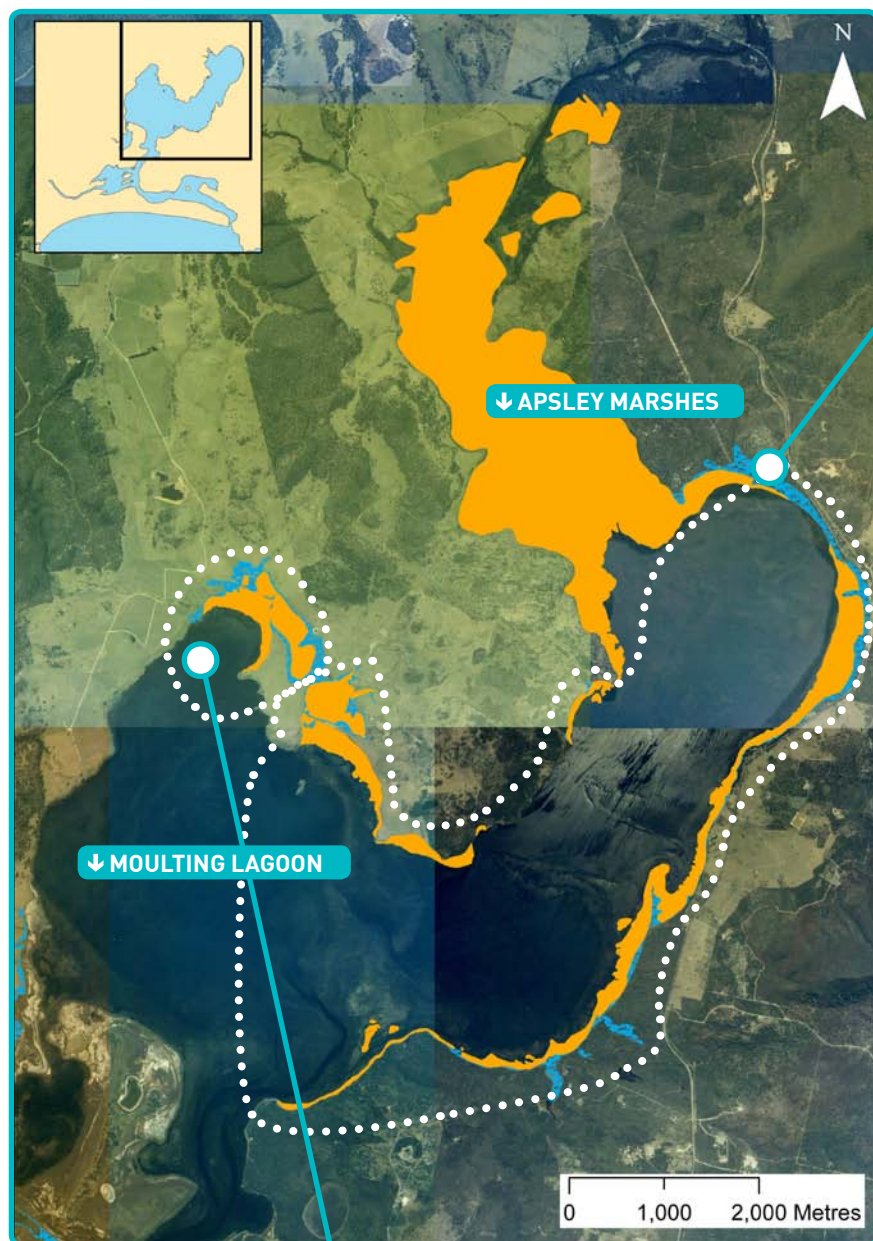
- Apsley Marshes Cluster (628 ha)
- Little Bay - Long Point Saltmarsh Cluster (396 ha)
- Swan River - King Bay Saltmarsh Cluster (233 ha)
- Moulting Lagoon Fringing Saltmarsh Cluster (177 ha)
- Pelican Bay Saltmarsh Cluster (63 ha)
- Great Swanport Fringing Marshes Saltmarsh Cluster (41 ha)
- Sherbourne Bay Saltmarsh Cluster (41 ha)
- Sanwick Bay Saltmarsh Cluster (14 ha)
- Barney Wards Bay Saltmarsh Cluster (3 ha)

### Recognised Values:

- Moulting Lagoon Ramsar Site (listed 1982)
- Apsley Marshes Ramsar Site (listed 1982)
- Moulting Lagoon Important Bird Area (assessed 2008)



## 1A Sherbourne Bay and Moulting Lagoon Fringing Saltmarsh Clusters



### Moulting Lagoon Fringing Saltmarsh Cluster

**Area:** 177 ha  
**Catchment:** Swan – Apsley  
**River Section:** None  
**Local Council:** Glamorgan - Spring Bay  
**Land Tenure:** Game Reserve (about 125 ha), Private Parcel (rest)  
**Management Authority:** DPIPWE (for the reserves)  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** North-western site grazed and compacted by cattle  
**Land Disturbance – adjacent:** Lack of buffering vegetation in patches on north-western side  
**Eutrophication:** Thick algal mats in north-western site suggesting heavy nutrient loading  
**SLR Room to Move:** Partly backed by steep upland, partly having some room to move  
**Bird Values:** Moulting Lagoon IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Fencing, reducing nutrient inputs, improving tidal flushing, planting buffer vegetation

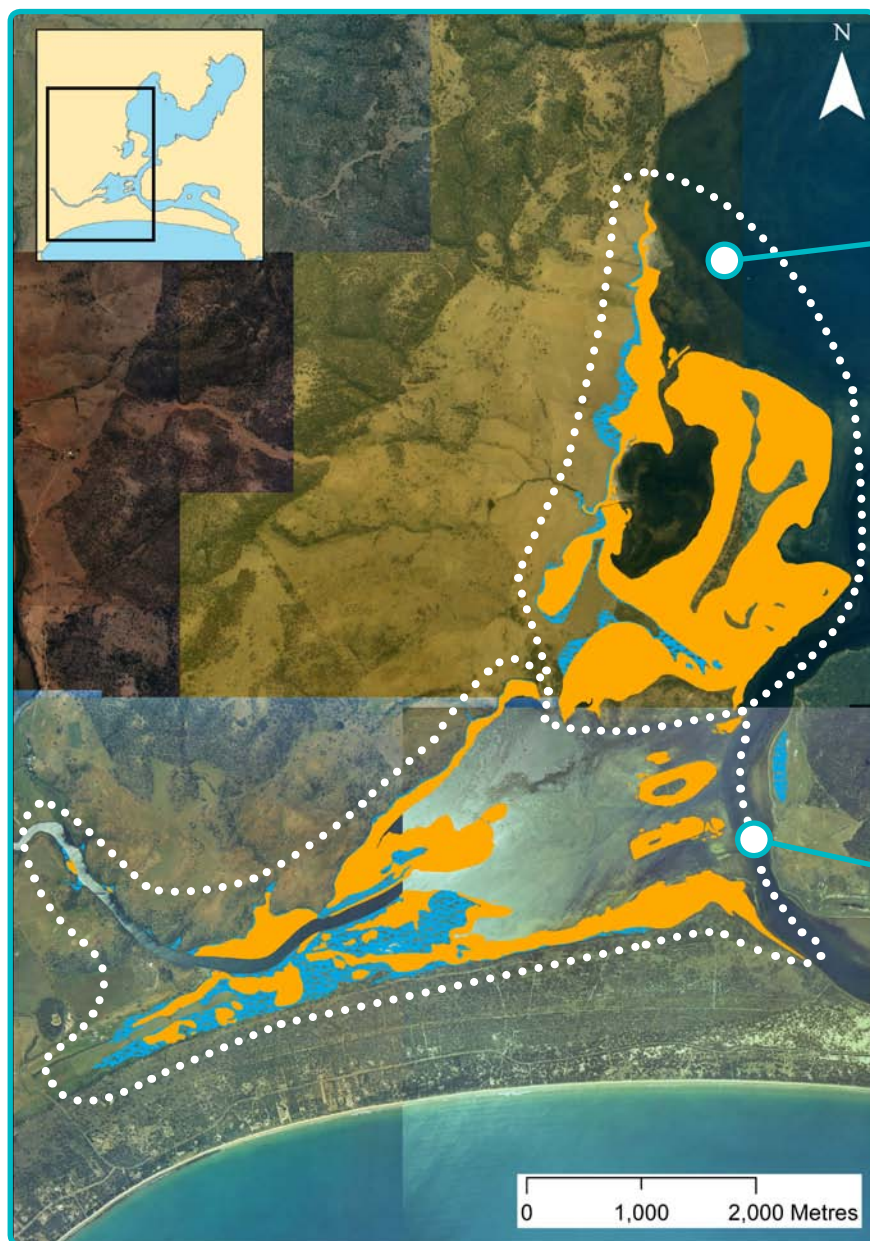
### Sherbourne Bay Saltmarsh Cluster

**Area:** 41 ha  
**Catchment:** Swan – Apsley  
**River Section:** None  
**Local Council:** Glamorgan - Spring Bay  
**Land Tenure:** Private Parcel  
**Management Authority:** Private land owner  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** Parts grazed and compacted by cattle  
**Land Disturbance – adjacent:** Lack of buffering vegetation

**Eutrophication:** Some algal mats suggesting nutrient loading  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Moulting Lagoon IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Fencing, planting buffer vegetation



## 1B Little Bay - Long Point and Swan River - King Bay Saltmarsh Clusters



### Little Bay - Long Point Saltmarsh Cluster

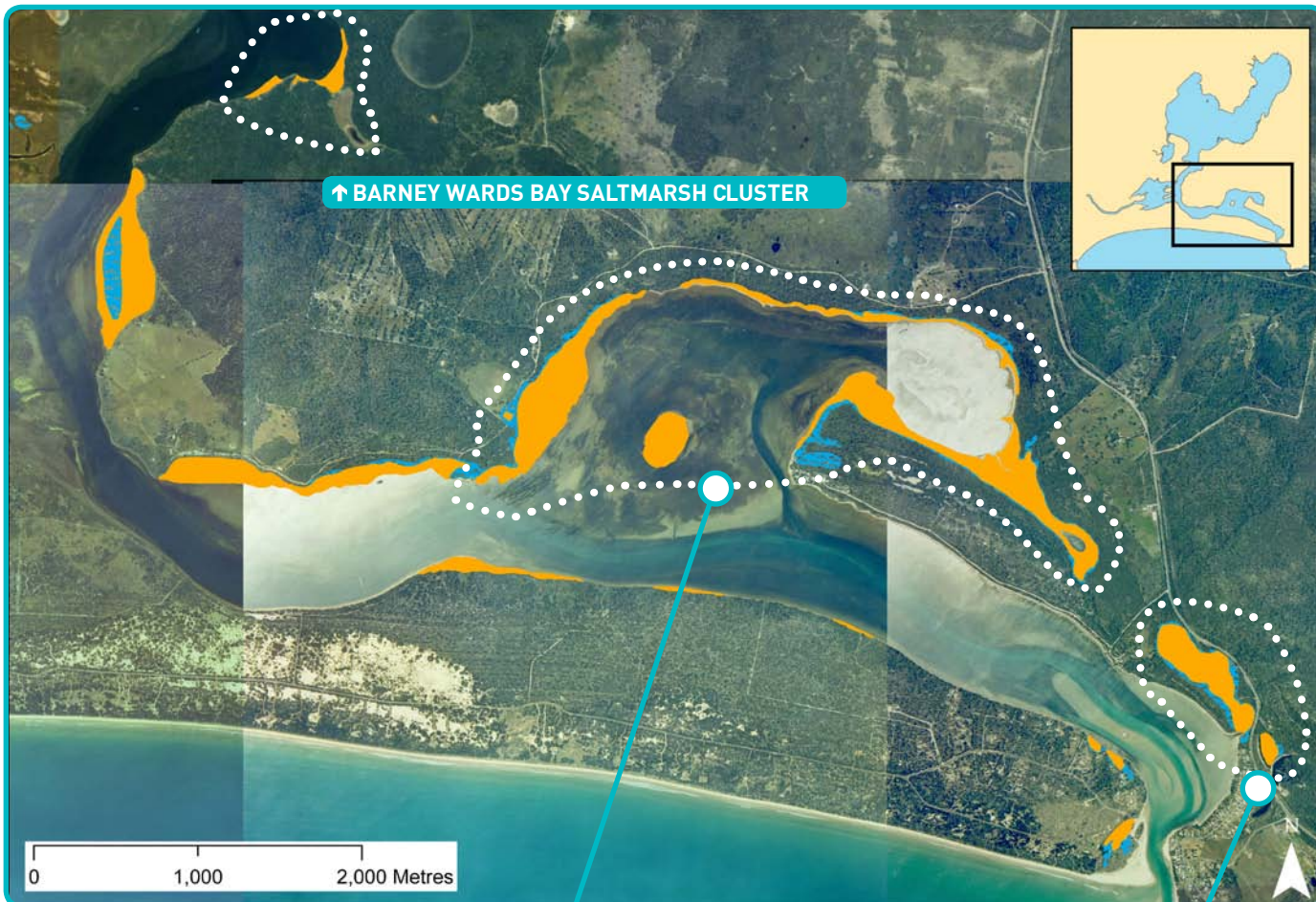
**Area:** 396 ha  
**Catchment:** Swan – Apsley  
**River Section:** No data  
**Local Council:** Glamorgan - Spring Bay  
**Land Tenure:** Private Reserve (about 335 ha), Private Parcel, Game Reserve  
**Management Authority:** Private Reserve managed by TLC, DPIWPE (Game Reserve)  
**Coastcare Groups:** Tasmanian Land Conservancy  
**Land Disturbance – within:** No data  
**Land Disturbance – adjacent:** No data  
**Eutrophication:** No data  
**SLR Room to Move:** Some room to move  
**Bird Values:** Moulting Lagoon IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** None

### Swan River - King Bay Saltmarsh Cluster

**Area:** 233 ha  
**Catchment:** Swan – Apsley  
**River Section:** Swan River, West Marsh Rivulet  
**Local Council:** Glamorgan - Spring Bay  
**Land Tenure:** Game Reserve (about 125 ha), Private Parcel (rest)  
**Management Authority:** DPIWPE (for the reserves)  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** Parts grazed by sheep (south western patches), old channel works  
**Land Disturbance – adjacent:** Lack of buffering vegetation in patches on western side  
**Eutrophication:** No data  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Moulting Lagoon IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** None



## 1C Pelican Bay and Sanwick Bay Saltmarsh Clusters



### Pelican Bay Saltmarsh Cluster

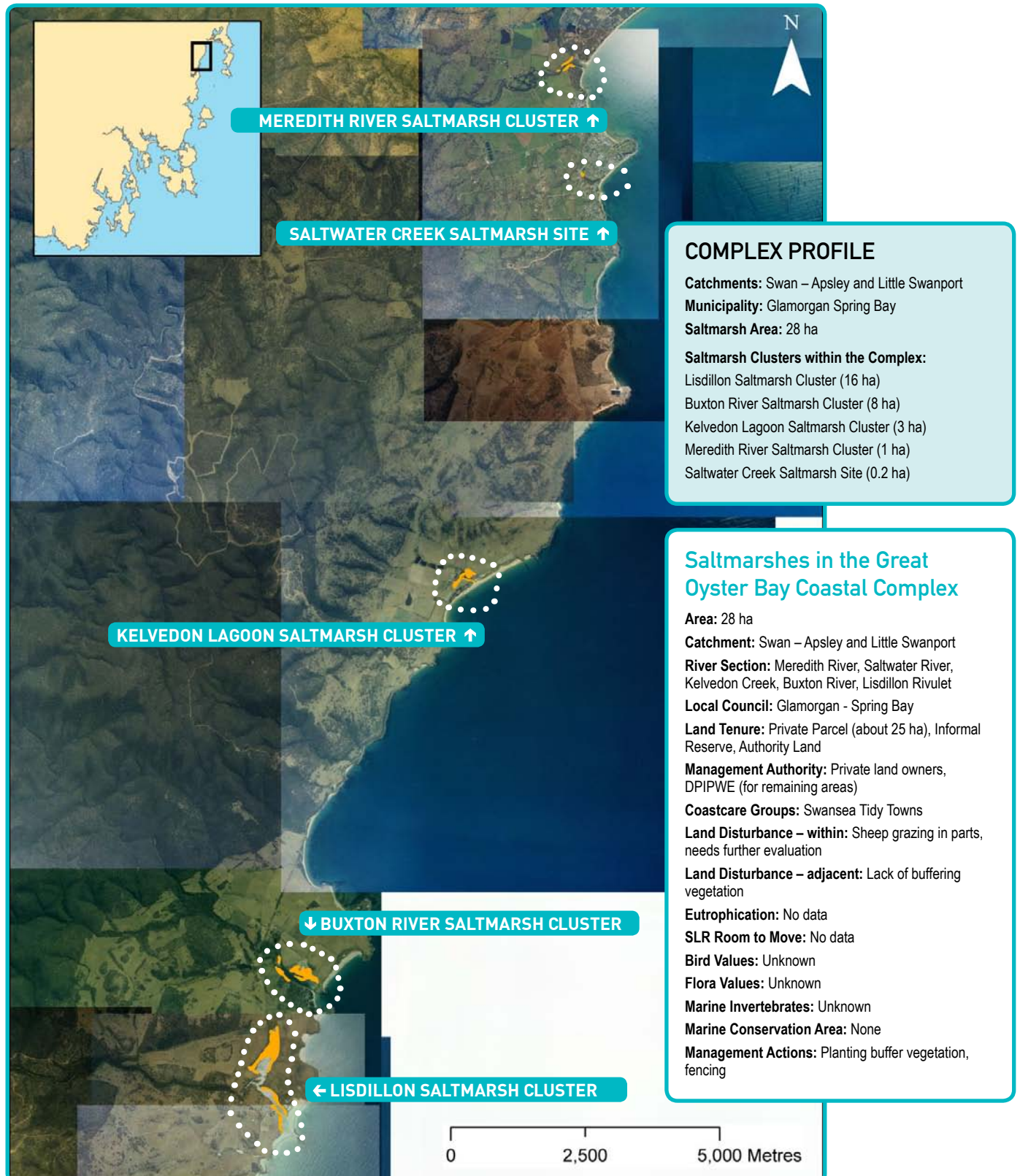
**Area:** 63 ha  
**Catchment:** Swan – Apsley  
**River Section:** No data  
**Local Council:** Glamorgan - Spring Bay  
**Land Tenure:** Game Reserve  
**Management Authority:** DPIPWE  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** Limited, road and parking area on western patch  
**Land Disturbance – adjacent:** Largely backed by native vegetation  
**Eutrophication:** No data  
**SLR Room to Move:** Some room to move  
**Bird Values:** Moulting Lagoon IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** None

### Sanwick Bay Saltmarsh Cluster

**Area:** 14 ha  
**Catchment:** Swan – Apsley  
**River Section:** No data  
**Local Council:** Glamorgan - Spring Bay  
**Land Tenure:** Private Parcel  
**Management Authority:** Private land owner  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** Old channel words, vehicle tracks  
**Land Disturbance – adjacent:** Backed by native vegetation  
**Eutrophication:** No data  
**SLR Room to Move:** Some room to move  
**Bird Values:** Moulting Lagoon IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** None

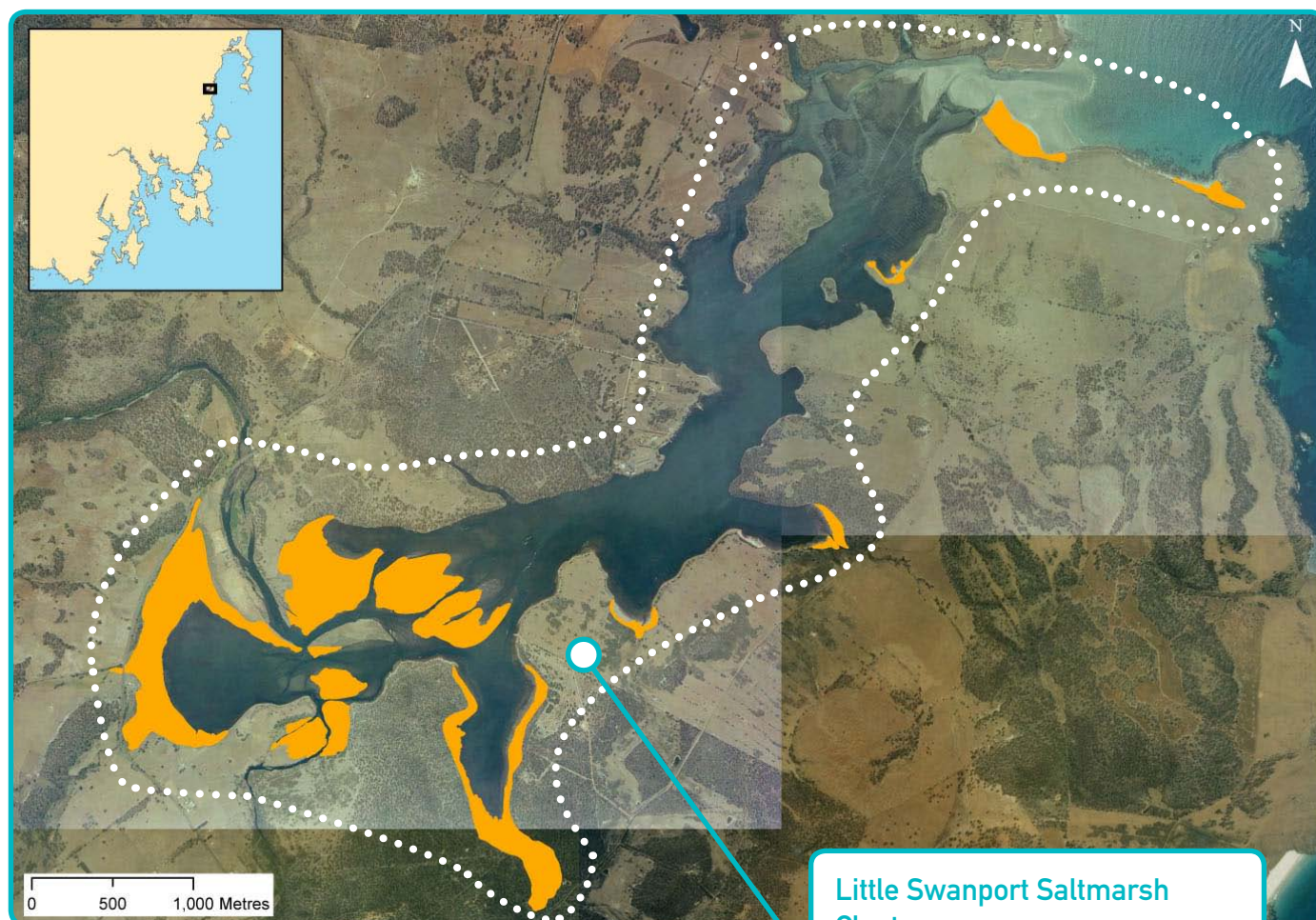


## 2. GREAT OYSTER BAY COASTAL COMPLEX





### 3. LITTLE SWANPORT COASTAL COMPLEX



#### COMPLEX PROFILE

**Catchment:** Little Swanport

**Municipality:** Glamorgan Spring Bay

**Saltmarsh Area:** 132 ha

**Saltmarsh Clusters within the Complex:**

Little Swanport Saltmarsh Cluster (132 ha)

#### Little Swanport Saltmarsh Cluster

**Area:** 132 ha

**Catchment:** Little Swanport

**River Section:** Little Swanport River, Hutt Creek, Ravensdale Rivulet

**Local Council:** Glamorgan - Spring Bay

**Land Tenure:** Private Parcel (about 55 ha), Informal Reserve, Authority Land, Below High Water

**Management Authority:** Private land owners, DPIPWE (for remaining areas)

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Variable, needs evaluation

**Land Disturbance – adjacent:** Parts lacking buffer vegetation, western patch bordered by highway, weeds

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** Unknown

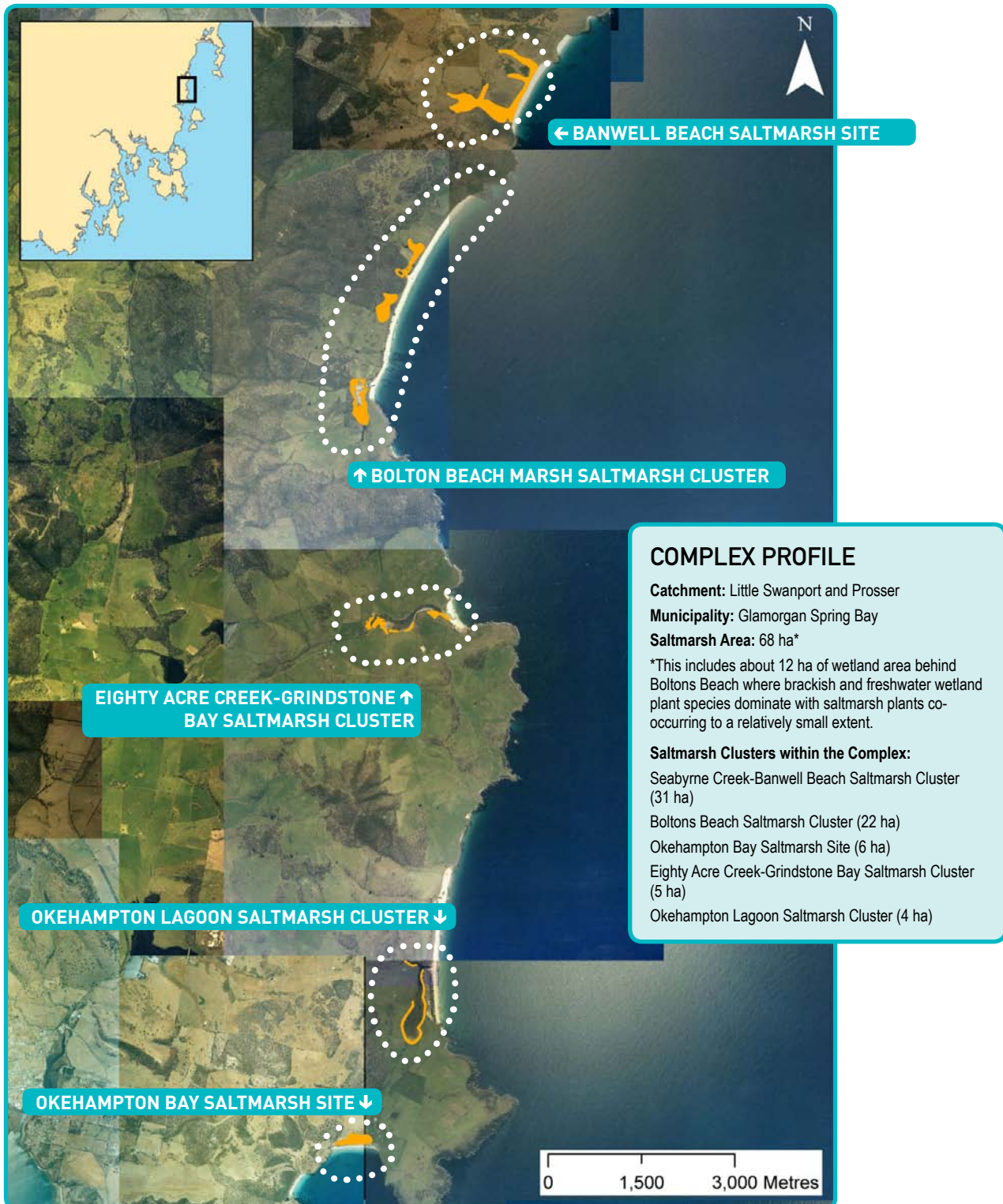
**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover, weed management



## 4. EAST COAST COASTAL COMPLEX





## 4A Boltons Beach Saltmarsh Cluster



### Boltons Beach Saltmarsh Cluster

**Area:** 22 ha

**Catchment:** Little Swanport

**River Section:** No data

**Local Council:** Glamorgan - Spring Bay

**Land Tenure:** Private Parcel (about 13 ha), Conservation Area (about 8 ha), Authority Land

**Management Authority:** Private land owners, DPIPWE (for remaining areas)

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Vehicle tracks (on southern site), sheep grazing (on northern site), weeds

**Land Disturbance – adjacent:** Parts lacking buffer vegetation, weeds

**Eutrophication:** Thick algal mats suggesting nutrient loading within saltmarsh sites

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

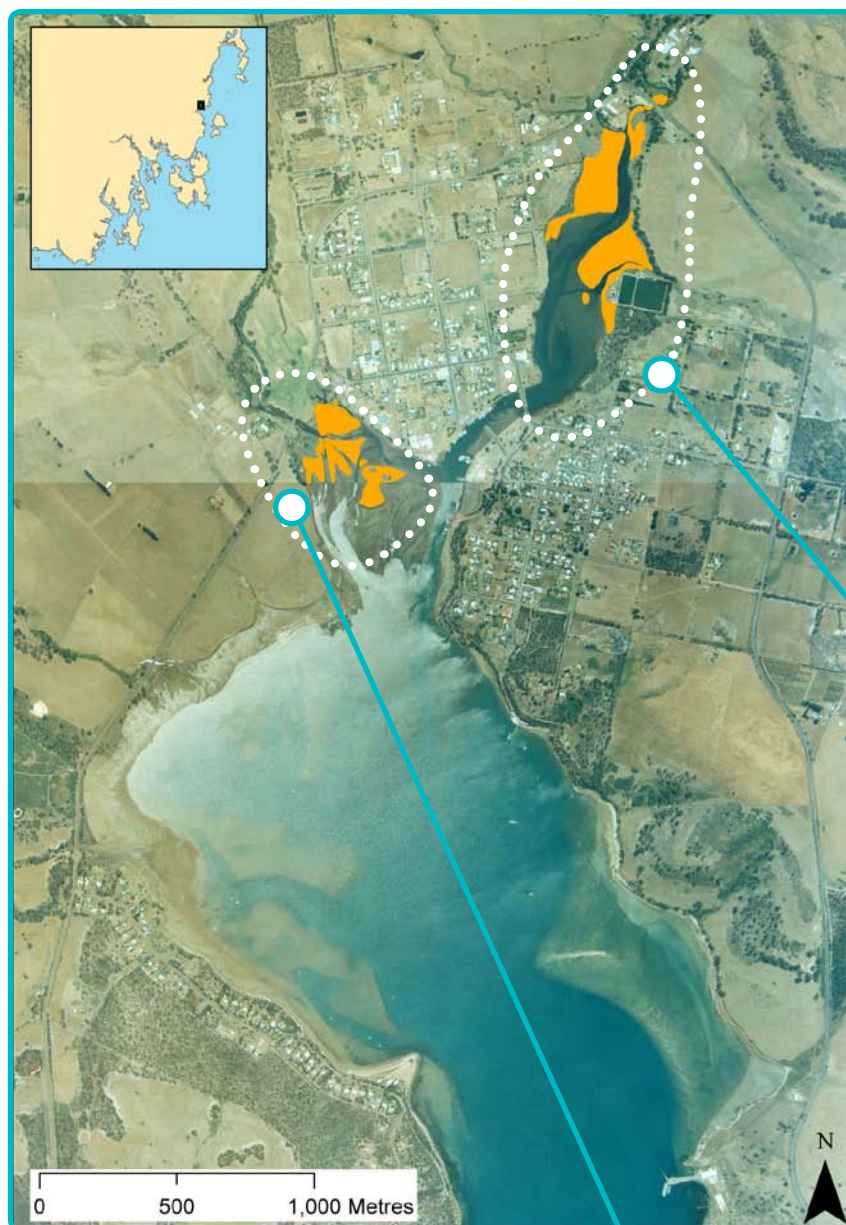
**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover, weed management

\* Patches with the green boundary are freshwater wetlands with a small proportion of saltmarsh



## 5. SPRING BAY COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Little Swanport and Prosser

**Municipality:** Glamorgan Spring Bay

**Saltmarsh Area:** 12 ha\*

\*Small patches of fringing marshes on south-western section of Spring Bay not mapped.

#### Saltmarsh Clusters within the Complex:

Rostrevor Creek Saltmarsh Cluster (8 ha)

MacLaines Creek Saltmarsh Cluster (4 ha)

#### Recognised Values:

Only place in the world where Baudin's sea lavender (*Limonium baudinii*) is recorded

### Rostrevor Creek Saltmarsh Cluster

**Area:** 8 ha

**Catchment:** Prosser

**River Section:** Bresnehans and Rostrevor Creeks

**Local Council:** Glamorgan - Spring Bay

**Land Tenure:** Below High Water, Authority Land

**Management Authority:** DPIPWE

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Minimal, none recorded

**Land Disturbance – adjacent:** Lacking adequate buffer vegetation, weeds

**Eutrophication:** Thick algal mats suggesting nutrient loading

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** *Limonium* recorded

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover, nutrient management

### MacLaines Creek Saltmarsh Cluster

**Area:** 4 ha

**Catchment:** Prosser

**River Section:** MacLaines Creek

**Local Council:** Glamorgan - Spring Bay

**Land Tenure:** Below High Water, Authority Land, Private Parcel

**Management Authority:** DPIPWE, Private land owner

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Minimal, none recorded

**Land Disturbance – adjacent:** Lacking adequate buffer vegetation, bordered by highway

**Eutrophication:** Not recorded

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** *Limonium* recorded

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover, interpretation signage



## 6. MERCURY PASSAGE COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Prosser and Maria

**Municipality:** Glamorgan - Spring Bay

**Saltmarsh Area:** 196 ha

**Saltmarsh Clusters within the Complex:**

Earlham Lagoon Saltmarsh Cluster (163 ha)

Chinamans Bay Saltmarsh Cluster (20 ha)

Cockle Bay Lagoon Saltmarsh Cluster (13 ha)

**Recognised Values:**

Earlham Lagoon identified as a marine invertebrate hotspot (assessed 1997)

#### CHINAMANS BAY SALTMARSH CLUSTER

#### COCKLE BAY LAGOON SALTMARSH CLUSTER

### Earlham Lagoon Saltmarsh Cluster

**Area:** 163 ha

**Catchment:** Prosser

**River Section:** Sandspit River, Griffiths Rivulet

**Local Council:** Glamorgan - Spring Bay

**Land Tenure:** Private Reserve

**Management Authority:** Private land owner, DPIPWE

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Minimal with some old channel works

**Land Disturbance – adjacent:** Lacking adequate buffer vegetation

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** Unknown

**Marine Invertebrates:** Marine Invertebrate Hotspot

**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover



## 7. BLACKMAN BAY COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Tasman

**Municipality:** Tasman, Sorell

**Saltmarsh Area:** 173 ha

**Saltmarsh Clusters within the Complex:**

Marion Bay Back-Beach Saltmarsh Cluster (122 ha)

Blackman Bay Fringing Saltmarsh Cluster (32 ha)

Blackman Rivulet Saltmarsh Cluster (15 ha)

East Bay Saltmarsh Site (4 ha)

**Recognised Values:**

Marion Bay Important Bird Area (assessed 2008)

Fringing Saltmarsh at Hildyard Point identified as a marine invertebrate hotspot (assessed 1997)

### Marion Bay Back-Beach Saltmarsh Cluster

**Area:** 122 ha

**Catchment:** Tasman

**River Section:** Bream Creek, Sedbury Creek

**Local Council:** Sorell

**Land Tenure:** Private Parcel (about 75 ha), Private Reserve (about 40 ha), Authority Land

**Management Authority:** Private land owner, DPIPWE

**Coastcare Groups:** Marion Bay Coastcare Inc.

**Land Disturbance – within:** Creek structures altered by channel works, parts cleared, cut by road

**Land Disturbance – adjacent:** Lacking adequate buffer vegetation, parts bordered by road

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Part of Marion Bay IBA

**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover, interpretation signage



## ↓ 8. NORTH BAY COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Tasman

**Municipality:** Tasman

**Saltmarsh Area:** 9 ha

**Saltmarsh Clusters within the Complex:**

Swan Lagoon Saltmarsh Cluster (9 ha)

**Recognised Values:**

Marion Bay Important Bird Area (assessed 2008)

## 9. PORT ARTHUR COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Tasman

**Municipality:** Tasman

**Saltmarsh Area:** 6 ha

**Saltmarsh Clusters within the Complex:**

This complex only contains one cluster the Safety Cove Saltmarsh Cluster (9 ha)



## 10. WEDGE BAY COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Tasman

**Municipality:** Tasman

**Saltmarsh Area:** 4 ha

**Saltmarsh Clusters within the Complex:**

Cripps Creek - White Beach Saltmarsh Cluster (3 ha)

Parsons Bay Saltmarsh Cluster (1 ha)

### Parsons Bay, Cripps Creek - White Beach Saltmarsh Clusters

**Area:** 4 ha

**Catchment:** Tasman

**River Section:** Cripps Creek, Parsons Bay Creek,  
Suckling Creek

**Local Council:** Tasman

**Land Tenure:** Authority Land (3 ha), Informal Reserve  
(1 ha), Private Parcel

**Management Authority:** DPIPW, Private land owner

**Coastcare Groups:** Tasman Landcare Group Inc. &  
White Beach Landcare Group Inc.

**Land Disturbance – within:** No data, needs  
evaluation

**Land Disturbance – adjacent:** Some buffer  
vegetation present, parts adjacent to roads

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** None

## 11. NORFOLK BAY COASTAL COMPLEX



### Saltwater River Saltmarsh Cluster

**Area:** 5 ha  
**Catchment:** Tasman  
**River Section:** Saltwater River  
**Local Council:** Tasman  
**Land Tenure:** Private Parcel (2 ha), Informal Reserve, Authority Land  
**Management Authority:** Private land owner, DPIPWE  
**Coastcare Groups:** Tasman Landcare Group Inc. & Saltwater River Coastcare Group  
**Land Disturbance – within:** Minimal, section on private land cleared and in poor condition  
**Land Disturbance – adjacent:** Lacking adequate buffer vegetation  
**Eutrophication:** No data  
**SLR Room to Move:** No data  
**Bird Values:** Unknown  
**Flora Values:** Limonium recorded  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Extending buffer vegetation cover, interpretation signage

### COMPLEX PROFILE

**Catchment:** Tasman  
**Municipality:** Tasman, Sorell  
**Saltmarsh Area:** 12 ha  
**Saltmarsh Clusters within the Complex:**  
 Norfolk Bay Fringing Saltmarsh Cluster (6 ha)  
 Saltwater River Saltmarsh Cluster (5 ha)  
 Dunalley Bay Saltmarsh Cluster (0.5 ha)



## 12. FREDERICK HENRY BAY COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Tasman

**Municipality:** Tasman

**Saltmarsh Area:** 111 ha

**Saltmarsh Clusters within the Complex:**

Burdens Marsh Saltmarsh Cluster (90 ha)

Sloping Lagoon Saltmarsh Site (21 ha)

### Burdens Marsh Saltmarsh Cluster

**Area:** 90 ha

**Catchment:** Tasman

**River Section:** No data

**Local Council:** Tasman

**Land Tenure:** Private Parcel

**Management Authority:** Private land owner

**Coastcare Groups:** Tasman Landcare Group Inc.

**Land Disturbance – within:** Numerous channel works, large areas grazed

**Land Disturbance – adjacent:** Lack of buffering vegetation, adjacent to agricultural land

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Unknown

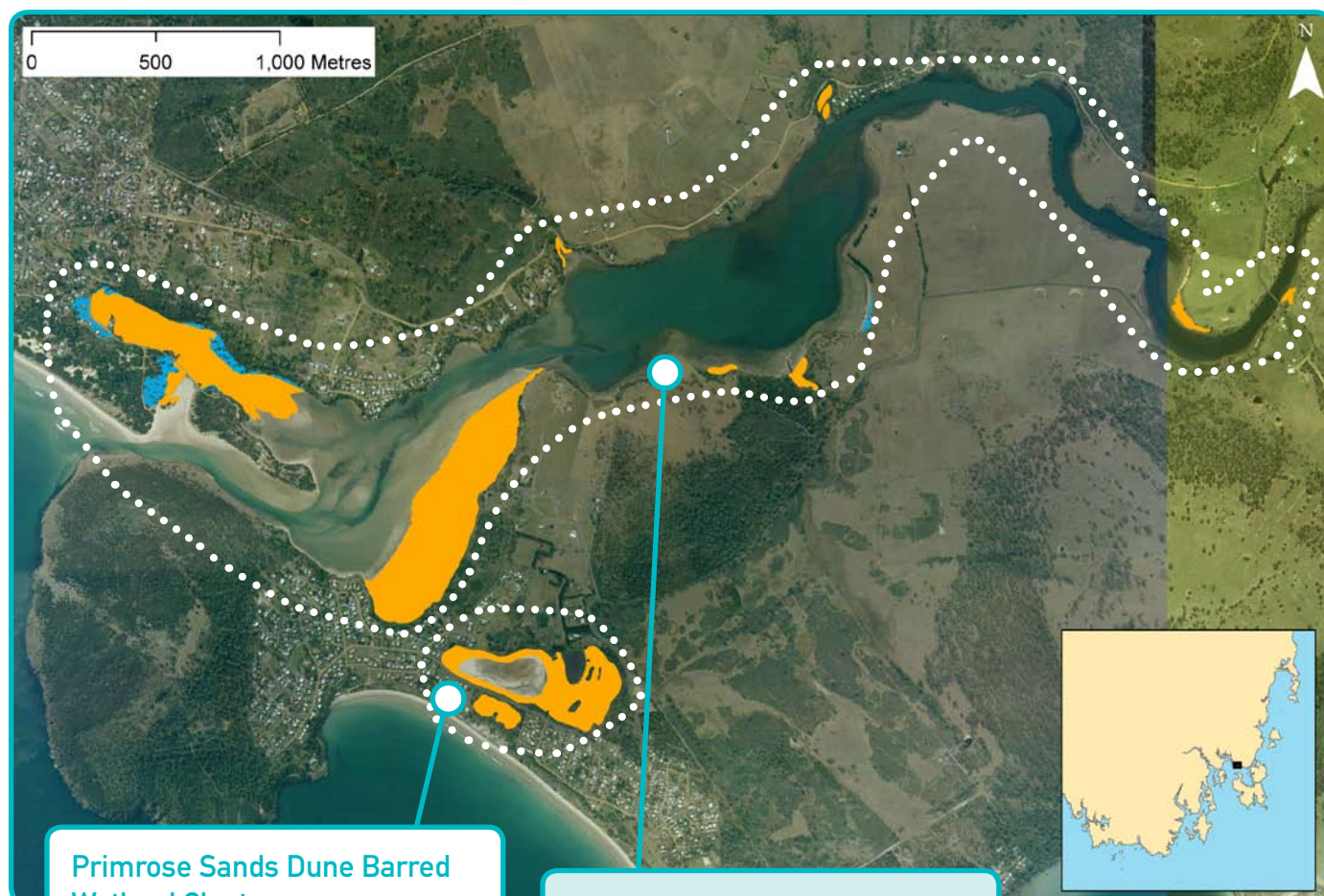
**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Planting buffer vegetation, improving tidal flows, fencing

## 13. CARLTON RIVER COASTAL COMPLEX



### Primrose Sands Dune Barred Wetland Cluster

**Area:** 10 ha  
**Catchment:** Tasman  
**River Section:** None  
**Local Council:** Sorell  
**Land Tenure:** Private Parcel  
**Management Authority:** Private land owner  
**Coastcare Groups:** Southern Beaches Landcare and Coastcare Inc. & Primrose Sands Landcare Group  
**Land Disturbance – within:** Numerous weeds and vehicle tracks, area fractured by road  
**Land Disturbance – adjacent:** Lack of buffering vegetation in some areas, weeds, parts bordered by road  
**Eutrophication:** Areas affected by algal mats suggesting nutrient loading  
**SLR Room to Move:** Not applicable - land locked marsh  
**Bird Values:** Unknown  
**Flora Values:** *Wilsonia rotundifolia* and *Cuscuta tasmanica* recorded  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Nutrient and weed management

### COMPLEX PROFILE

**Catchment:** Tasman  
**Municipality:** Tasman  
**Saltmarsh Area:** 46 ha  
**Saltmarsh Clusters within the Complex:**  
 Carlton River Saltmarsh Cluster (36 ha)  
 Primrose Sands Dune Barred Wetland Cluster (10 ha)

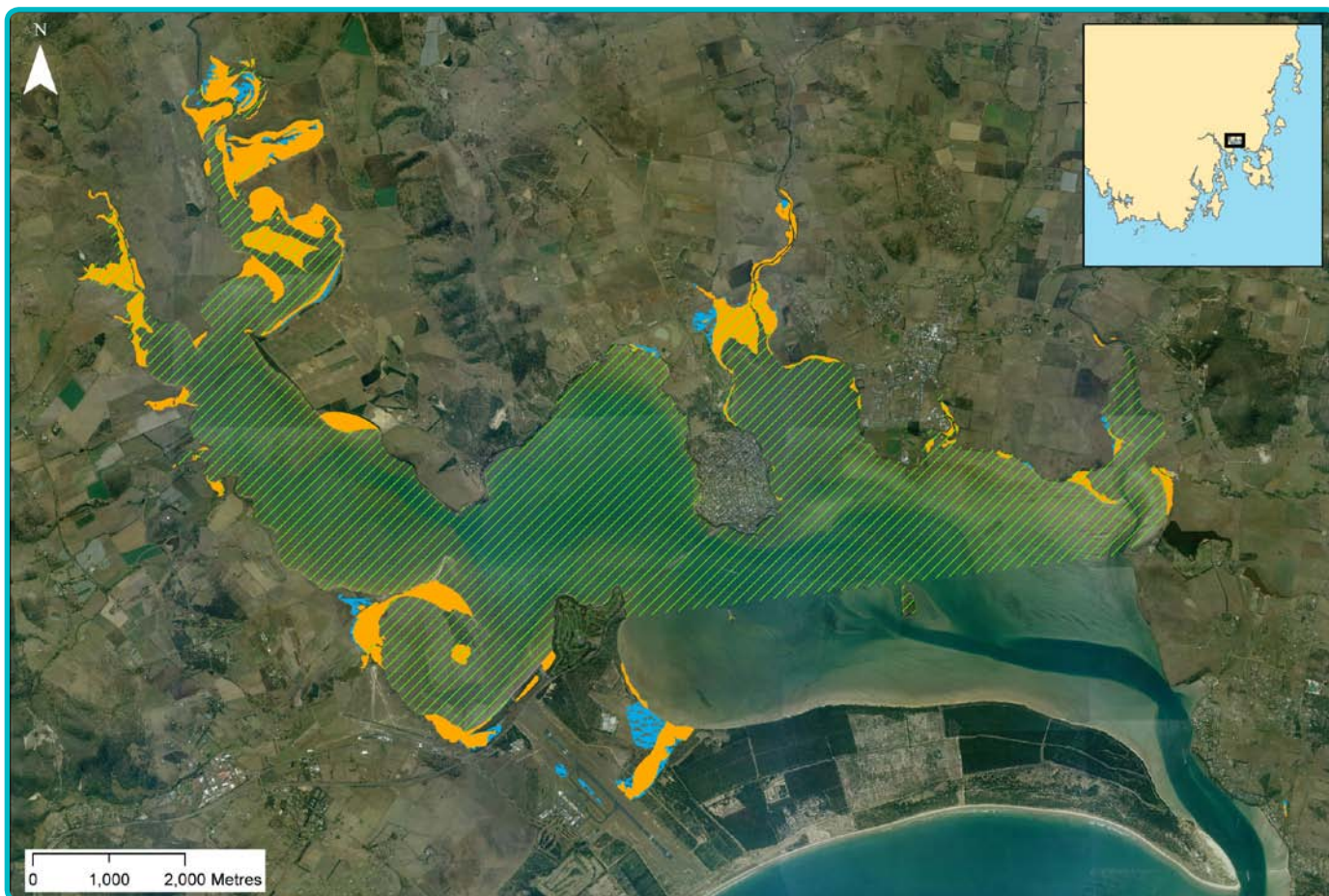
### Carlton River Saltmarsh Cluster

**Area:** 36 ha  
**Catchment:** Tasman  
**River Section:** Carlton River  
**Local Council:** Sorell  
**Land Tenure:** Private Parcel (about 15 ha), Informal Reserve, Authority Land  
**Management Authority:** Private land owner, DPIWE  
**Coastcare Groups:** Southern Beaches Landcare and Coastcare Inc. & Primrose Sands Landcare Group

**Land Disturbance – within:** Minimal, road cuts through the two western sites  
**Land Disturbance – adjacent:** Lack of buffering vegetation in some areas, weeds, parts bordered by road  
**Eutrophication:** Extensive areas affected by algal mats suggesting heavy nutrient loading  
**SLR Room to Move:** Either backed by steep upland or with some room to move  
**Bird Values:** Unknown  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Reducing nutrient inputs, interpretation signage



## 14. PITT WATER-ORIELTON LAGOON COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Pitt Water – Coal

**Municipality:** Clarence City, Sorell

**Saltmarsh Area:** 371 ha

#### Saltmarsh Clusters within the Complex:

Coal River Saltmarsh Cluster (153 ha)  
 Barilla Bay Saltmarsh Cluster (64 ha)  
 Orielton Lagoon Saltmarsh Cluster (55 ha)  
 Duckhole Rivulet Saltmarsh Cluster (35 ha)  
 Hobart Airport Saltmarsh Cluster (25 ha)  
 Pitt Water Fringing Saltmarsh Cluster (14 ha)

Iron Creek Saltmarsh Cluster (12 ha)  
 Unnamed Pitt Water Saltmarsh Cluster (5 ha)  
 Sorell Rivulet Saltmarsh Cluster (3 ha)  
 Cross Rivulet Saltmarsh Cluster (2 ha)  
 Penna Beach Saltmarsh Cluster (0.5 ha)  
 Hele Rivulet Saltmarsh Cluster (0.5 ha)  
 China Creek Saltmarsh Site (0.2 ha)

#### Recognised Values:

Pitt Water-Orielton Lagoon Ramsar Site (listed 1982)  
 South Arm Important Bird Area (assessed 2008)

## 14A Barilla Bay and Hobart Airport Saltmarsh Clusters



PITT WATER-ORIELTON LAGOON COASTAL COMPLEX

### Barilla Bay Saltmarsh Cluster

**Area:** 64 ha

**Catchment:** Pitt Water – Coal

**River Section:** Barilla Rivulet

**Local Council:** Clarence City

**Land Tenure:** Private Reserve (35 ha), Nature Reserve (5 ha), Private Parcels (rest)

**Management Authority:** Private land owner, DPIWE (for the reserves)

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Parts filled in, cleared and excluded from tidal flows, north-western site fractured by road

**Land Disturbance – adjacent:** Lack of buffering vegetation, adjacent to an industrial area and roads

**Eutrophication:** Large areas of algal mats suggesting heavy nutrient loading

**SLR Room to Move:** Partly backed by steep upland, partly having some room to move

**Bird Values:** Part of South Arm IBA

**Flora Values:** *Wilsonia humilis*, *Wilsonia rotundifolia* and *Limonium australe* recorded

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Reducing nutrient inputs, improving tidal flows, planting buffer vegetation

### Hobart Airport Saltmarsh Cluster

**Area:** 25 ha

**Catchment:** Pitt Water – Coal

**River Section:** None

**Local Council:** Clarence City

**Land Tenure:** Private Parcel (about 12 ha), Authority Land

**Management Authority:** Private Land owner, Commonwealth of Australia

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Cluster area fractured by two roads, creek structure altered

**Land Disturbance – adjacent:** Parts lack adequate buffering vegetation

**Eutrophication:** Thick algal mats in the creek suggest nutrient loading

**SLR Room to Move:** Sufficient room to move

**Bird Values:** Part of South Arm IBA

**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

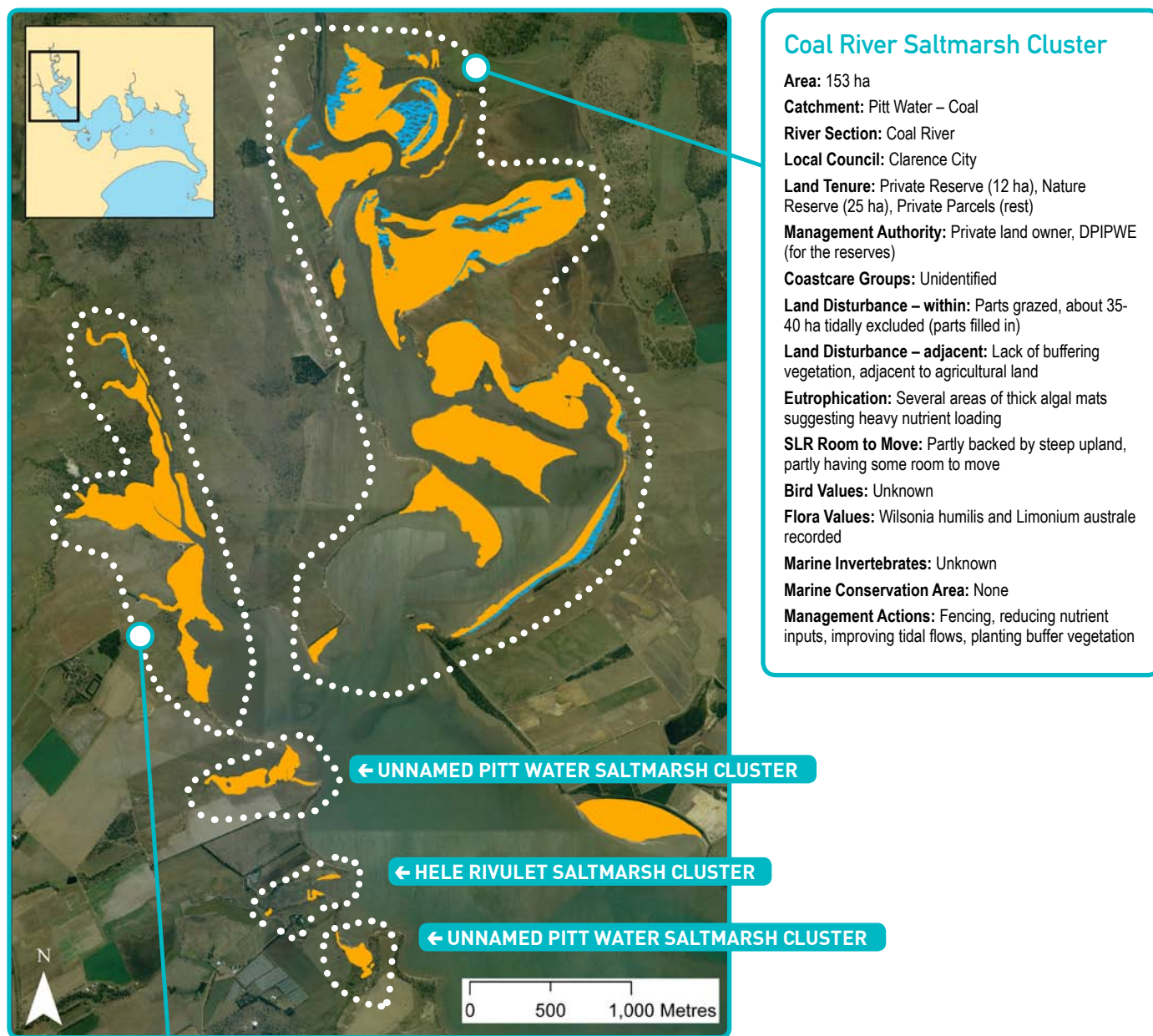
**Marine Conservation Area:** None

**Management Actions:** Improving buffer vegetation cover

**Management Actions:** Nutrient and weed management



## 14B Coal River and Duckhole Rivulet Saltmarsh Clusters

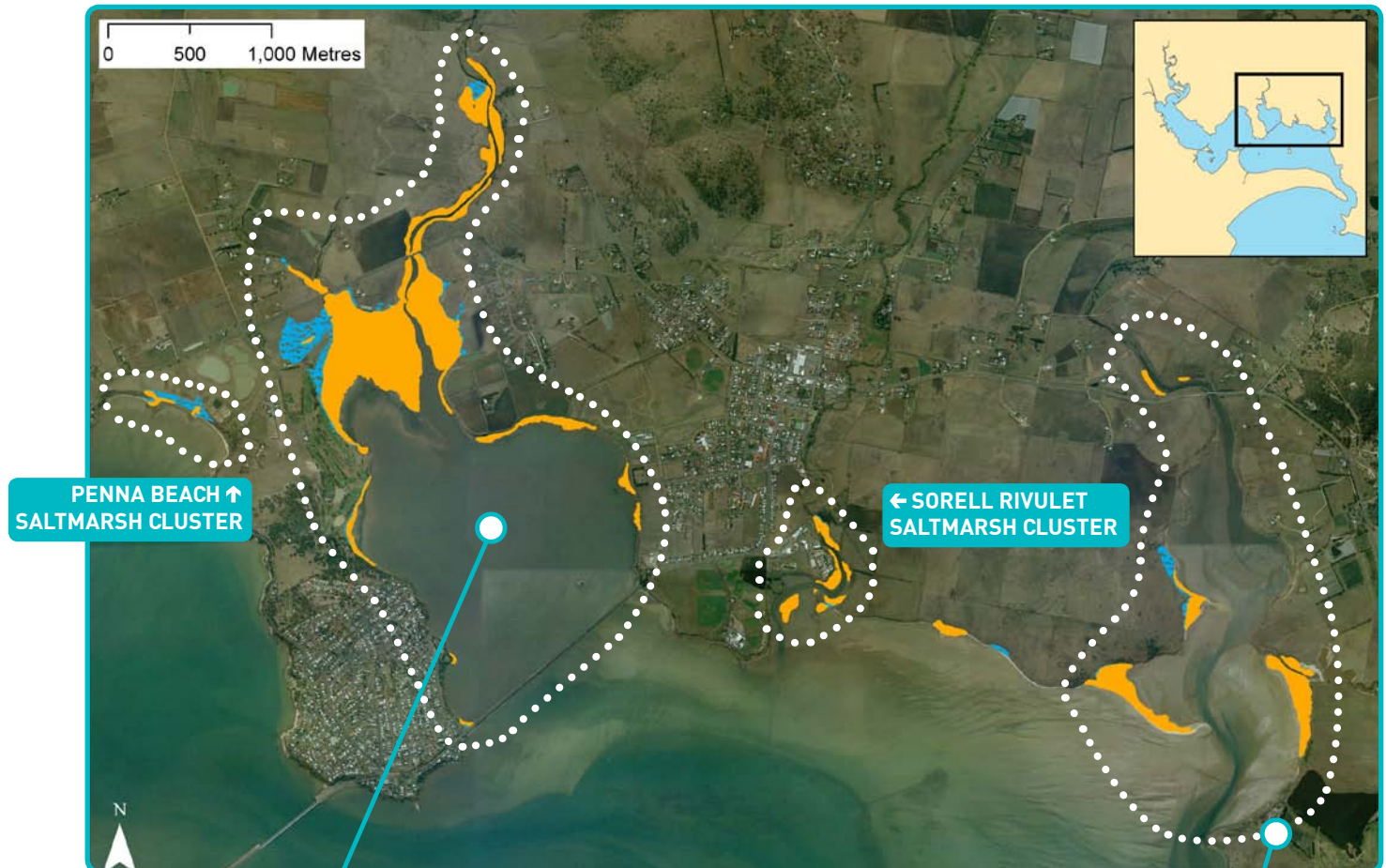


### Duckhole Rivulet Saltmarsh Cluster

**Area:** 35 ha  
**Catchment:** Pitt Water – Coal  
**River Section:** Duckhole Rivulet, Malcolms Creek, Belbin Rivulet, Stony Creek  
**Local Council:** Clarence City  
**Land Tenure:** Private Parcels (about 25 ha); Authority Land and Nature Reserve (rest)  
**Management Authority:** Private land owner, DPIPWE  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** Parts to the south impacted by grazing

**Land Disturbance – adjacent:** Lack of adequate buffering vegetation, adjacent to agricultural land  
**Eutrophication:** Several areas of thick algal mats suggesting heavy nutrient loading  
**SLR Room to Move:** Mostly backed by steep upland  
**Bird Values:** Unknown  
**Flora Values:** *Wilsonia humilis* recorded, *Calocephalus citreus* on the landward buffer  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Reducing nutrient inputs, planting buffer vegetation, fencing

## 14C Orielton Lagoon and Iron Creek Saltmarsh Clusters



PITT WATER-ORIELTON LAGOON COASTAL COMPLEX

### Orielton Lagoon Saltmarsh Cluster

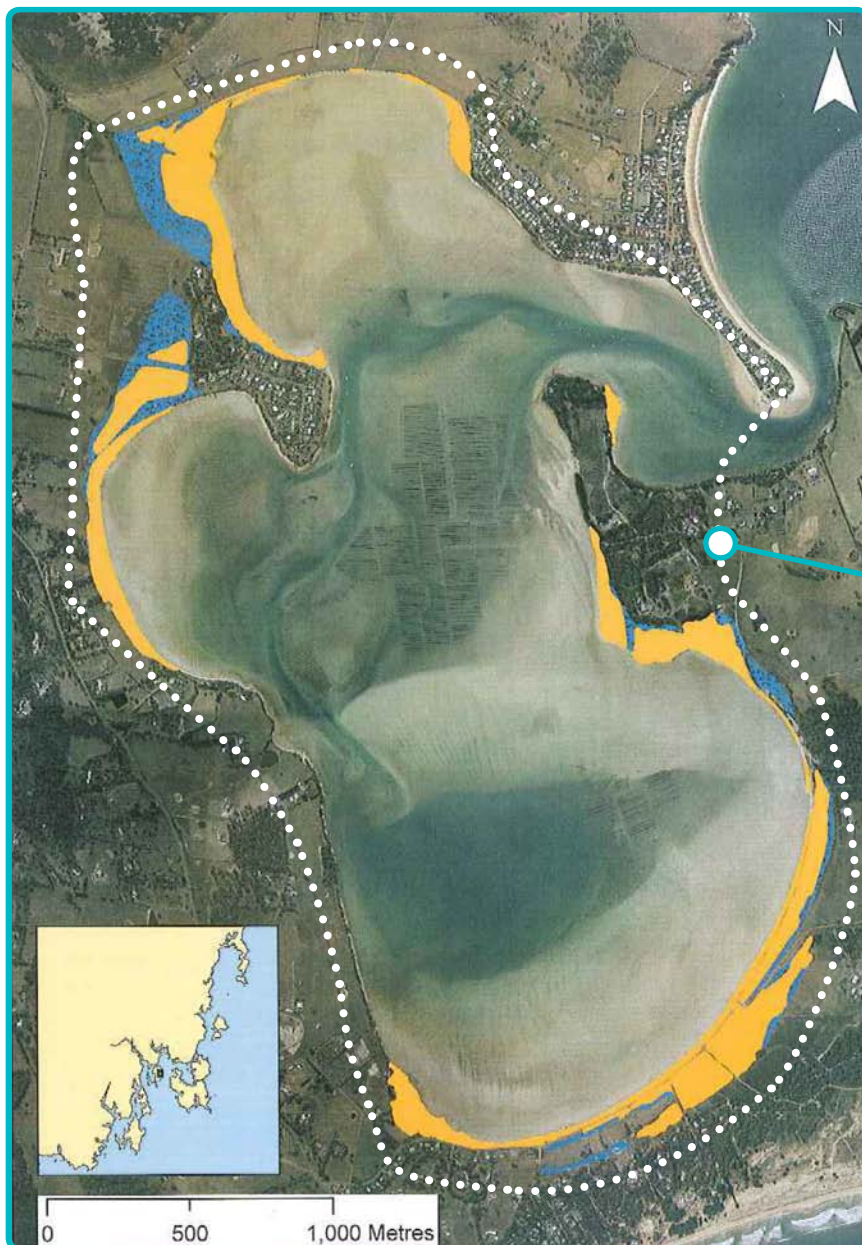
**Area:** 55 ha  
**Catchment:** Pitt Water – Coal  
**River Section:** Frogmore Creek, Orielton Rivulet  
**Local Council:** Sorell  
**Land Tenure:** Nature Reserve (about 40 ha), Private Parcel (rest)  
**Management Authority:** DPIPWE, Private land owners  
**Coastcare Groups:** Penna Landcare Group Inc.  
**Land Disturbance – within:** Parts grazed, parts filled in, Nature Reserve area recovering from historical degradation  
**Land Disturbance – adjacent:** Lack of buffering vegetation, adjacent to agricultural land and road  
**Eutrophication:** Thick algal mats in creek channels suggesting heavy nutrient loading  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Part of South Arm IBA  
**Flora Values:** *Wilsonia humilis* recorded, *Calocephalous citreus* on the landward side  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Fencing, reducing nutrient inputs, removing tidal barriers, planting buffer vegetation, nutrient management in Frogmore Creek, interpretation signage with boardwalk

### Iron Creek Saltmarsh Cluster

**Area:** 12 ha  
**Catchment:** Pitt Water – Coal  
**River Section:** Iron Creek  
**Local Council:** Sorell  
**Land Tenure:** Informal Reserve (about 7 ha), Private Parcel (rest)  
**Management Authority:** DPIPWE, Private land owners  
**Coastcare Groups:** Unidentified  
**Land Disturbance – within:** Parts lost to golf course development (south-east corner)  
**Land Disturbance – adjacent:** Lack of buffering vegetation, adjacent to agricultural land  
**Eutrophication:** Not recorded on sites to the west of the creek  
**SLR Room to Move:** Backed by steep upland, some room to move for one patch  
**Bird Values:** Part of South Arm IBA  
**Flora Values:** *Wilsonia humilis* recorded  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Planting buffer vegetation



## 15. PIPE CLAY LAGOON COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Derwent

**Municipality:** Clarence City

**Saltmarsh Area:** 45 ha

**Saltmarsh Clusters within the Complex:**

Pipe Clay Lagoon Saltmarsh Cluster (45 ha)

**Recognised Values:**

South Arm Important Bird Area (assessed 2008)

### Pipe Clay Lagoon Saltmarsh Cluster

**Area:** 45 ha

**Catchment:** Derwent

**River Section:** None

**Local Council:** Clarence City

**Land Tenure:** Private Parcel (about 30 ha), Informal Reserve, Authority Land, Nature Reserve

**Management Authority:** Private land owner, DPIPWE (for the rest)

**Coastcare Groups:** Pipe Clay Lagoon Coastcare Inc.

**Land Disturbance – within:** Parts open to grazing, land filling, horse riding, dogs, cycling, walking tracks, large areas affected by roads (especially on the southern side)

**Land Disturbance – adjacent:** Lack of buffering vegetation, large areas bordered by road

**Eutrophication:** Algae recorded in parts

**SLR Room to Move:** Partly having sufficient room to move, partly having some room to move

**Bird Values:** Part of South Arm IBA

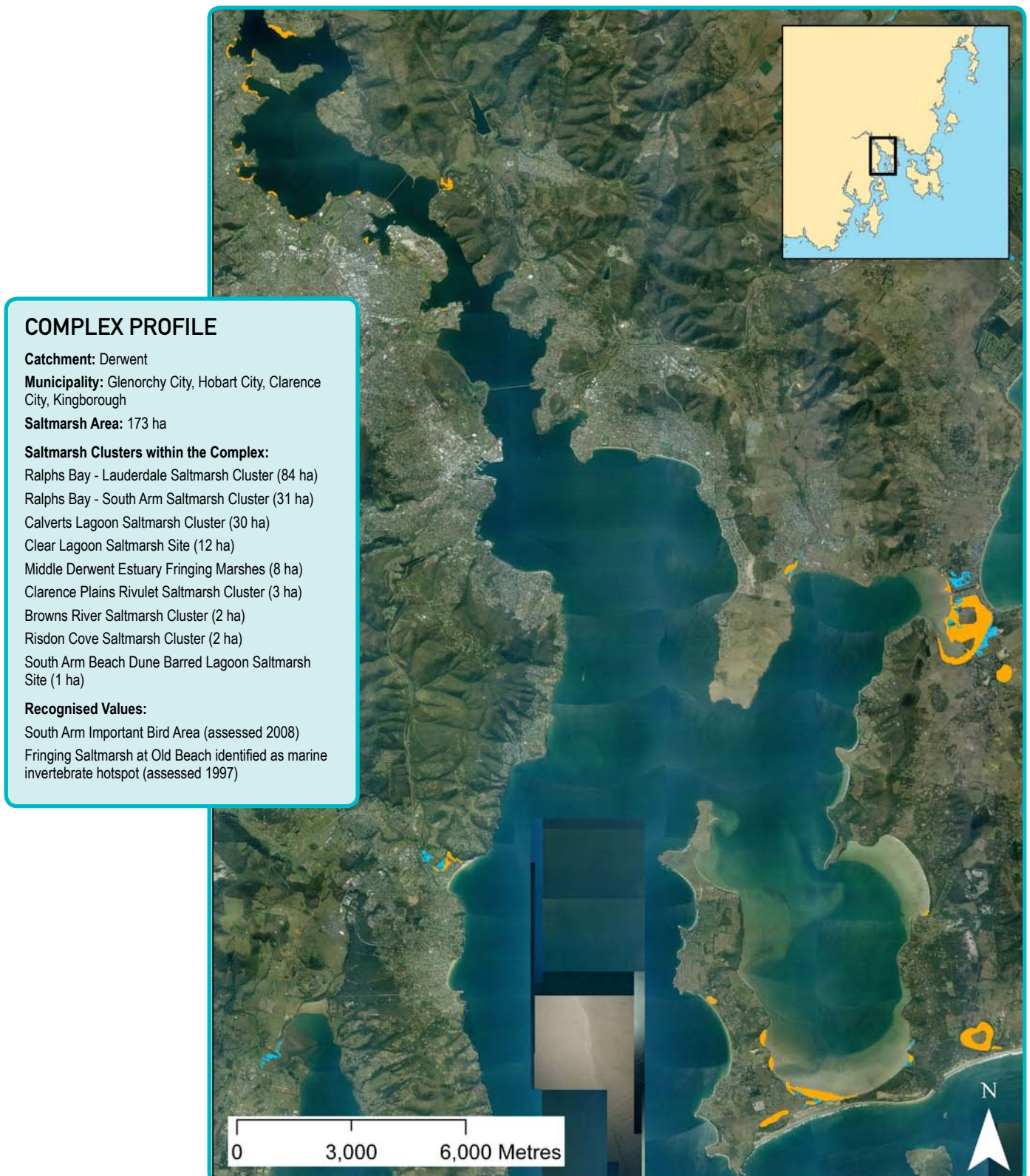
**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

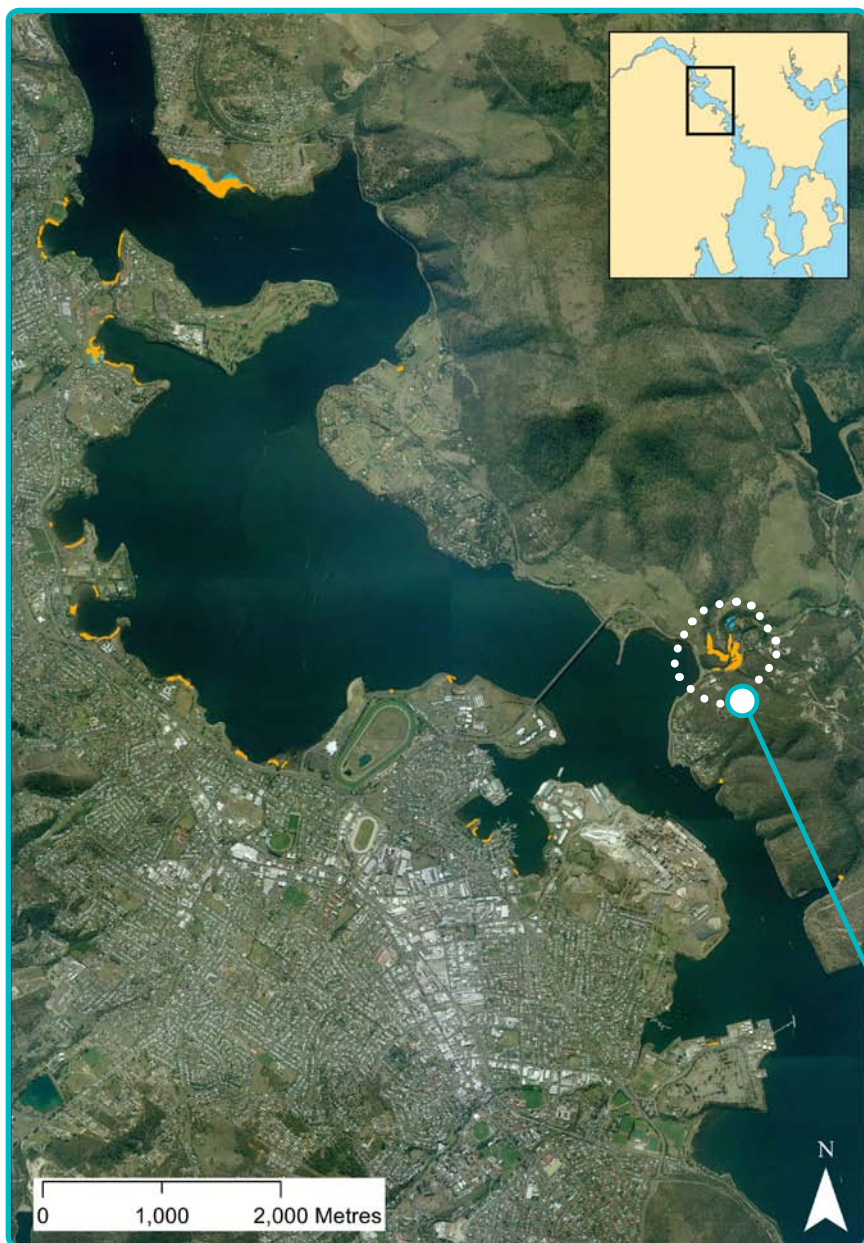
**Management Actions:** Planting buffer vegetation, fencing, interpretation signage

## 16. DERWENT ESTUARY COASTAL COMPLEX





## 16A Middle Derwent Estuary Fringing Marshes and Risdon Cove Saltmarsh Cluster



### Middle Derwent Estuary Fringing Marshes

**Area:** 8 ha

**Catchment:** Derwent

**River Section:** Derwent River, Humphrey Rivulet, Islet Rivulet, Faulkners Rivulet, Hilton Creek, Roseneath Rivulet

**Local Council:** Glenorchy City, Clarence City

**Land Tenure:** Authority Land, Conservation Area, Informal Reserve, State Reserve, Private Parcel

**Management Authority:** DPIPWE (for the reserves), Private land owners

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** No data, needs evaluation

**Land Disturbance – adjacent:** Mainly lack of buffering vegetation, adjacent to roads

**Eutrophication:** No data

**SLR Room to Move:** Either having some room to move or fringing marsh

**Bird Values:** Unknown

**Flora Values:** Unknown

**Marine Invertebrates:** Marine Invertebrate Hotspot (Old Beach)

**Marine Conservation Area:** Parts associated with River Derwent Marine Conservation Area

**Management Actions:** Planting buffer vegetation, interpretation signage at Old Beach

### Risdon Cove Saltmarsh Cluster

**Area:** 8 ha

**Catchment:** Derwent

**River Section:** Grasstree Hill Rivulet

**Local Council:** Clarence City

**Land Tenure:** Indigenous Protected Area

**Management Authority:** DPIPWE

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** Minimal, none recorded

**Land Disturbance – adjacent:** Backed by road with no buffer zone

**Eutrophication:** Not recorded

**SLR Room to Move:** Either backed by steep upland or fringing marsh

**Bird Values:** Unknown

**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** None

## 16B Ralphs Bay - Lauderdale and Clarence Plains Rivulet Saltmarsh Clusters



DERWENT ESTUARY COASTAL COMPLEX

### Clarence Plains Rivulet Saltmarsh Cluster

**Area:** 3 ha  
**Catchment:** Derwent  
**River Section:** Clarence Plains Rivulet  
**Local Council:** Clarence City  
**Land Tenure:** Private Parcel  
**Management Authority:** Private land owner (with informal management agreement)  
**Coastcare Groups:** Tranmere - Clarence Plains Land & Coastcare Inc.  
**Land Disturbance – within:** Some litter, old tyre tracks on the back marsh, few weeds  
**Land Disturbance – adjacent:** Lack of adequate buffering vegetation  
**Eutrophication:** Algal mats recorded suggesting some nutrient loading  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Unknown  
**Flora Values:** Vittadinia on nearby upland  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Improving buffer zone

### Ralphs Bay - Lauderdale Saltmarsh Cluster

**Area:** 84 ha  
**Catchment:** Derwent  
**River Section:** Derwent River  
**Local Council:** Clarence City  
**Land Tenure:** Authority Land (83 ha), Conservation Area (1 ha)  
**Management Authority:** Clarence City Council, DPIWWE  
**Coastcare Groups:** Lauderdale Coastcare Group  
**Land Disturbance – within:** Cluster split by highway, areas to the east affected by old Lauderdale tip and oval, littering, old tracks, and impeded tidal flows  
**Land Disturbance – adjacent:** Mainly lack of adequate buffering vegetation, weeds  
**Eutrophication:** Thick algal mats to the east of the highway suggesting heavy nutrient loading  
**SLR Room to Move:** Either having some room to move or backed by steep upland  
**Bird Values:** Part of South Arm IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** Ralphs Bay Conservation Area  
**Management Actions:** Improving tidal connectivity, weed management, interpretation signage with boardwalks



## 16C Ralphs Bay - South Arm and Browns River Saltmarsh Clusters



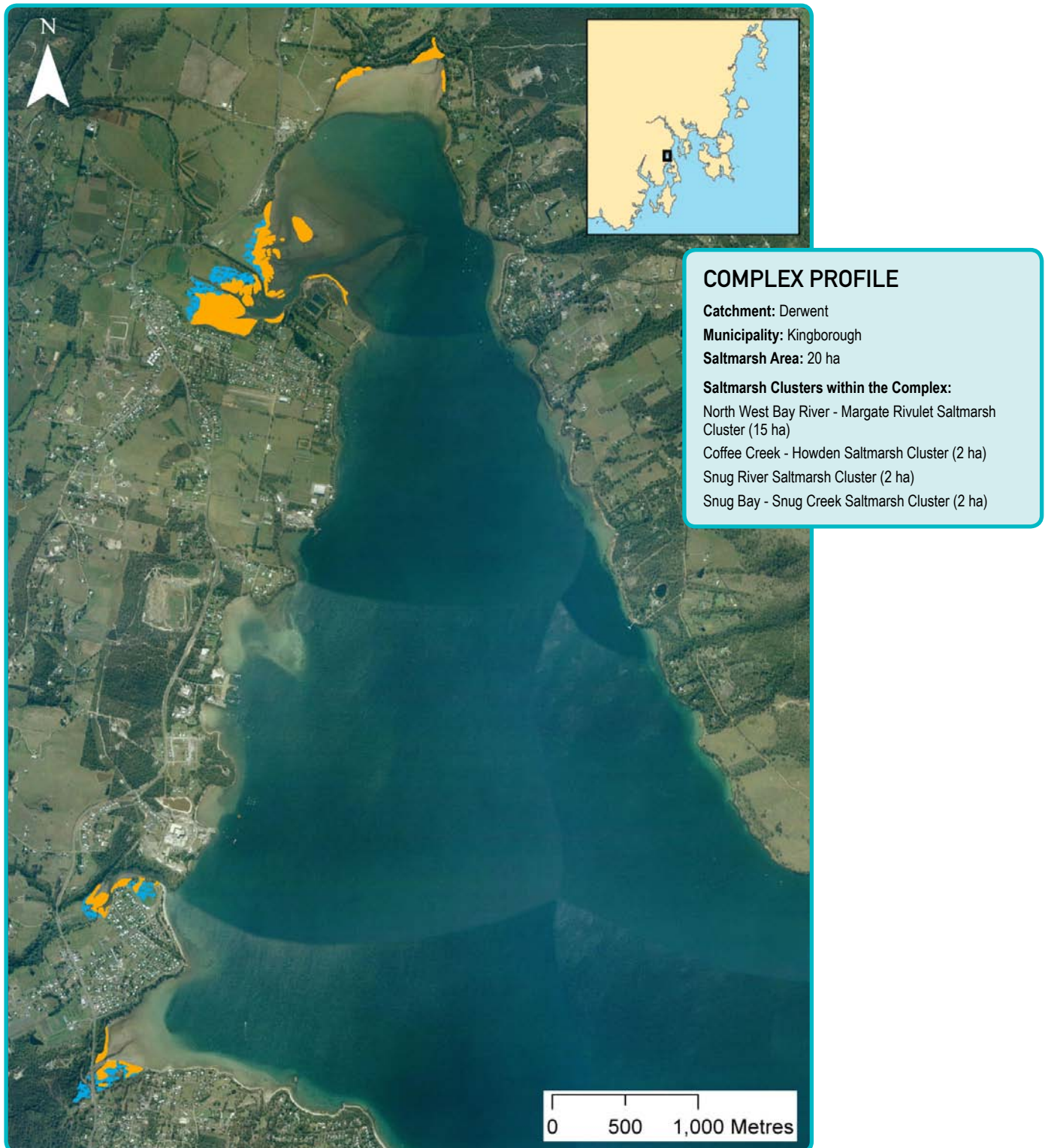
### Browns River Saltmarsh Cluster

**Area:** 2 ha  
**Catchment:** Derwent  
**River Section:** Browns River  
**Local Council:** Kingborough  
**Land Tenure:** Private Reserve, Authority Land, Conservation Area  
**Management Authority:** Private land owner, DPIPWE  
**Coastcare Groups:** Kingston Beach Browns River Coastcare  
**Land Disturbance – within:** Minimal except for some trampling and littering  
**Land Disturbance – adjacent:** No buffer vegetation, backed by mowed lawn  
**Eutrophication:** No data  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Unknown  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Improving buffer zone, interpretation signage

### Ralphs Bay - South Arm Saltmarsh Cluster

**Area:** 31 ha  
**Catchment:** Derwent  
**River Section:** None  
**Local Council:** Clarence City  
**Land Tenure:** Private Parcel (30 ha), Authority Land, Informal Reserve  
**Management Authority:** Private land owner, DPIPWE  
**Coastcare Groups:** South Arm Coastcare Group, Mortimer Bay Coastcare Group Inc.  
**Land Disturbance – within:** Land filling, roads cutting through marsh areas  
**Land Disturbance – adjacent:** Nearly half the extent lacking buffer vegetation, numerous weeds, bordered by roads  
**Eutrophication:** Algal mats recorded in parts  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** South Arm IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** South Arm Marine Conservation Area  
**Management Actions:** Improving buffer zone, weed management

## 17. NORTH WEST BAY COASTAL COMPLEX





## 17A North West Bay River - Margate Rivulet and Coffee Creek - Howden Saltmarsh Clusters



### Coffee Creek - Howden Saltmarsh Cluster

**Area:** 2 ha  
**Catchment:** Derwent  
**River Section:** Coffee Creek  
**Local Council:** Kingborough  
**Land Tenure:** Informal Reserve  
**Management Authority:** DPIPWE  
**Coastcare Groups:** Howden Landcare Group  
**Land Disturbance – within:** Minimal, some weeds and litter recorded  
**Land Disturbance – adjacent:** Minimal, backed by native vegetation  
**Eutrophication:** Some algal mats suggesting nutrient loading  
**SLR Room to Move:** Backed by steep upland  
**Bird Values:** Unknown  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Weed and litter management

### North West Bay River - Margate Rivulet Saltmarsh Cluster

**Area:** 15 ha  
**Catchment:** Derwent  
**River Section:** North West Bay River, Nierinna Creek, Morey Rivulet  
**Local Council:** Kingborough  
**Land Tenure:** Private Parcel (9 ha), Below High Water (5 ha), Authority Land  
**Management Authority:** Private land owner, DPIPWE (for the rest)  
**Coastcare Groups:** Inverawe Native Gardens  
**Land Disturbance – within:** Minimal to the north of river channel, no data for other sites  
**Land Disturbance – adjacent:** Mainly lack of buffering vegetation  
**Eutrophication:** No data  
**SLR Room to Move:** Either having sufficient room to move or island marsh  
**Bird Values:** Unknown  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Planting buffer vegetation, interpretation signage

## 17B Snug River and Snug Bay - Snug Creek Saltmarsh Clusters



### Snug River Saltmarsh Cluster

**Area:** 2 ha  
**Catchment:** Derwent  
**River Section:** Snug River  
**Local Council:** Kingborough  
**Land Tenure:** Private Parcel (1 ha), Informal Reserve  
**Management Authority:** Private land owner, DPIPWE  
**Coastcare Groups:** Snug Landcare Coastcare Inc.  
**Land Disturbance – within:** Minimal except for a walking track  
**Land Disturbance – adjacent:** Weeds and lack of buffer zone on landward margin  
**Eutrophication:** Algae noted closer to the river channel  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Unknown  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** Planting buffer vegetation, interpretation signage

### Snug Bay - Snug Creek Saltmarsh Cluster

**Area:** 2 ha  
**Catchment:** Derwent  
**River Section:** Snug Creek  
**Local Council:** Kingborough  
**Land Tenure:** Private Parcel (1 ha), Informal Reserve  
**Management Authority:** Private land owner, DPIPWE  
**Coastcare Groups:** Friends of Coningham  
**Land Disturbance – within:** Minimal, none recorded  
**Land Disturbance – adjacent:** Minimal, backed by native vegetation buffer  
**Eutrophication:** Not recorded  
**SLR Room to Move:** Sufficient room to move  
**Bird Values:** Unknown  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** None  
**Management Actions:** None

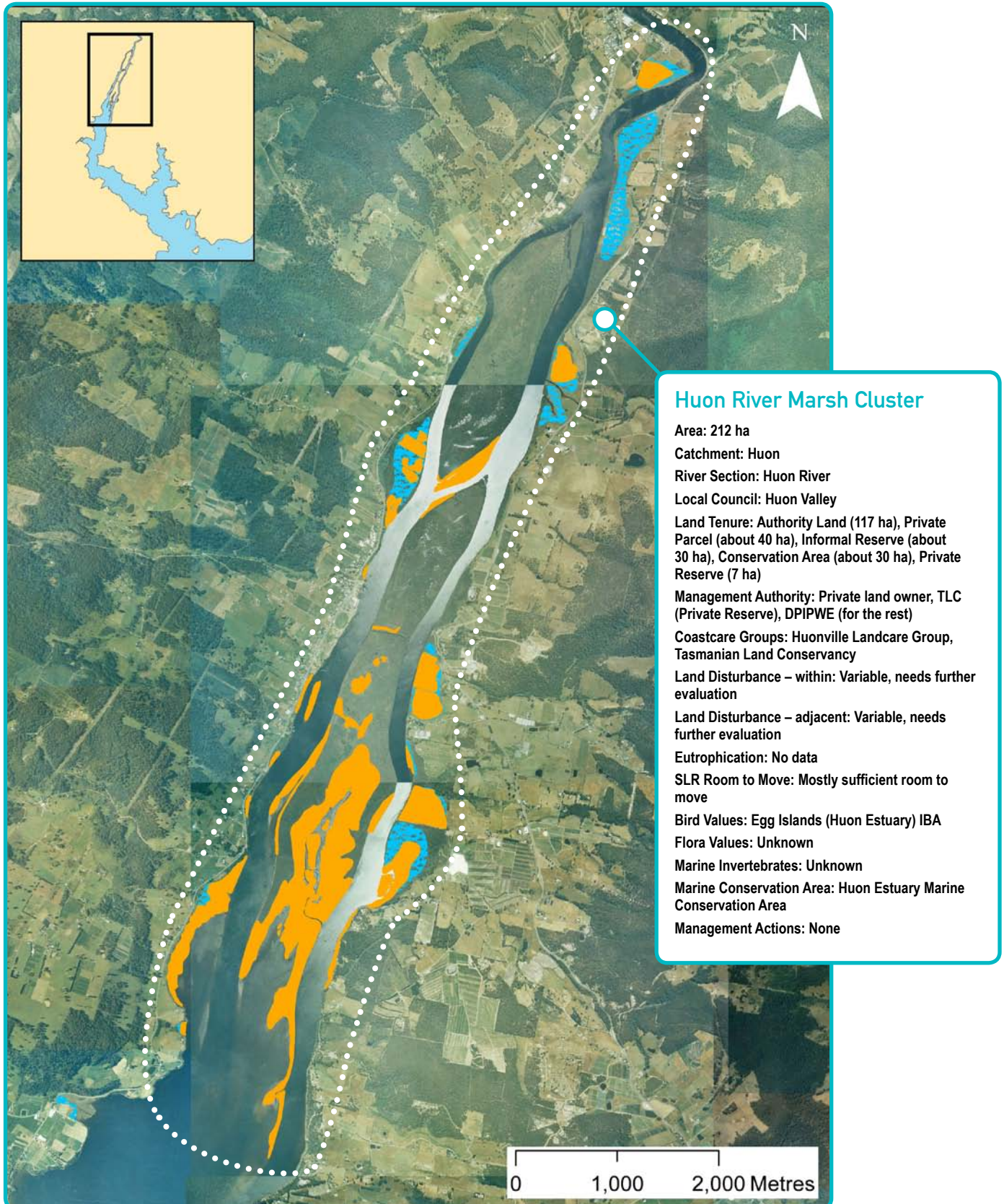


## 18. HUON RIVER-PORT CYGNET COASTAL COMPLEX





## ↓ 18A Huon River Marsh Cluster





## 18B Castle Forbes Bay Saltmarsh Site and Kermandie River Saltmarsh Cluster



### Castle Forbes Bay Saltmarsh Site

Area: 4 ha  
 Catchment: Huon  
 River Section: Castle Forbes Rivulet, Huon River  
 Local Council: Huon Valley  
 Land Tenure: Private Parcel (about 3 ha), Informal Reserve  
 Management Authority: Private land owner, DPIWWE  
 Coastcare Groups: Castle Forbes Bay Landcare and Coastcare Group  
 Land Disturbance – within: Minimal, none recorded to the north of the rivulet  
 Land Disturbance – adjacent: No backing vegetation, bordered by highway and agricultural land  
 Eutrophication: No data  
 SLR Room to Move: Sufficient room to move  
 Bird Values: Unknown  
 Flora Values: Unknown  
 Marine Invertebrates: Unknown  
 Marine Conservation Area: None  
 Management Actions: Planting buffer vegetation

### Kermandie River Saltmarsh Cluster

Area: 17 ha  
 Catchment: Huon  
 River Section: Kermandie River, Crookes Rivulet, Rileys Creek, Huon River  
 Local Council: Huon Valley  
 Land Tenure: Informal Reserve (14 ha), Private Parcel, Authority Land  
 Management Authority: Private land owner, DPIWWE  
 Coastcare Groups: Unidentified  
 Land Disturbance – within: Minimal except for old channel works  
 Land Disturbance – adjacent: Site to the west bordered by highway  
 Eutrophication: Not recorded  
 SLR Room to Move: Some room to move  
 Bird Values: Unknown  
 Flora Values: Unknown  
 Marine Invertebrates: Unknown  
 Marine Conservation Area: None  
 Management Actions: None

## 18C Port Cygnet, Nicholls Rivulet and Gardners Bay Saltmarsh Clusters



### Port Cygnet Saltmarsh Cluster

Area: 8 ha  
 Catchment: Huon  
 River Section: Supplies Creek, Golden Valley Creek, Galleries Creek  
 Local Council: Huon Valley  
 Land Tenure: Conservation Area (4 ha), Authority Land (4 ha)  
 Management Authority: DPIWE, Huon Valley Council  
 Coastcare Groups: Port Cygnet Landcare and Watercare Group  
 Land Disturbance – within: Minimal, some litter recorded  
 Land Disturbance – adjacent: Minimal backing vegetation, bordered by road  
 Eutrophication: Not recorded  
 SLR Room to Move: Some room to move  
 Bird Values: Unknown  
 Flora Values: Unknown  
 Marine Invertebrates: Unknown  
 Marine Conservation Area: Port Cygnet Marine Conservation Area  
 Management Actions: Improving buffer zone, interpretation signage

### Nicholls Rivulet, Gardners Bay Saltmarsh Clusters

Area: 10 ha  
 Catchment: Huon  
 River Section: Nicholls Rivulet, Gardners Creek, Holloways Creek  
 Local Council: Huon Valley  
 Land Tenure: Private Parcel, Authority Land (4 ha), Conservation Area  
 Management Authority: Private land owners, DPIWE  
 Coastcare Groups: Port Cygnet Landcare and Watercare Group  
 Land Disturbance – within: Minimal, with numerous weeds in southern most site  
 Land Disturbance – adjacent: Backed by some vegetation, with numerous weeds  
 Eutrophication: Not recorded  
 SLR Room to Move: Some room to move  
 Bird Values: Unknown  
 Flora Values: Unknown  
 Marine Invertebrates: Unknown  
 Marine Conservation Area: Port Cygnet Marine Conservation Area  
 Management Actions: Weed management, improving buffer zone



## 19. D'ENTRECASTEAUX CHANNEL COASTAL COMPLEX

### COMPLEX PROFILE

**Catchment:** Huon, Derwent and Bruny

**Municipality:** Huon Valley, Kingborough

**Saltmarsh Area:** 47 ha

#### Saltmarsh Clusters within the Complex:

Simpsons Bay - Lutregala Marsh Cluster (40 ha)

Adams Bay Saltmarsh Cluster (4 ha)

Oyster Cove Saltmarsh Cluster (1 ha)

Ford Bay Saltmarsh Cluster (1 ha)

Three Hut Point Saltmarsh Site (0.5 ha)

Little Oyster Cove Creek Saltmarsh Cluster (0.1 ha)

Masons Creek Saltmarsh Cluster (0.1 ha)

Schemers Creek Saltmarsh Site (0.1 ha)

Roaring Bay Beach Saltmarsh Site (0.1 ha)

#### Recognised Values:

Bruny Island Important Bird Area (assessed 2008)

Lutregala Marsh identified as a marine invertebrate hotspot (assessed 1997)

### Simpsons Bay - Lutregala Marsh Cluster

**Area:** 40 ha

**Catchment:** Bruny

**River Section:** Simpsons Creek

**Local Council:** Kingborough

**Land Tenure:** Private Reserve

**Management Authority:** Tasmanian Land Conservancy

**Coastcare Groups:** Bruny Island Environment Network & Tasmanian Land Conservancy

**Land Disturbance – within:** Minimal, but history of land clearing noticeable

**Land Disturbance – adjacent:** Largely backed by native vegetation in good condition

**Eutrophication:** Not recorded

**SLR Room to Move:** Sufficient room to move

**Bird Values:** Bruny Island IBA

**Flora Values:** Unknown

**Marine Invertebrates:** Marine Invertebrate Hotspot

**Marine Conservation Area:** None

**Management Actions:** Extending buffer vegetation cover on western and southern edges



## 20. CLOUDY BAY COASTAL COMPLEX



### Cloudy Bay Saltmarsh Cluster

**Area:** 51 ha  
**Catchment:** Bruny  
**River Section:** Sainty's Creek, Jack Jones Creek  
**Local Council:** Kingborough  
**Land Tenure:** Private Parcel (about 10 ha), Informal Reserve, Authority Land  
**Management Authority:** Private land owner, DPIPWE (for the rest)  
**Coastcare Groups:** Bruny Island Environment Network  
**Land Disturbance – within:** Minimal except for private access tracks  
**Land Disturbance – adjacent:** Backed by native vegetation in good condition  
**Eutrophication:** Areas affected by algal mats suggesting nutrient loading  
**SLR Room to Move:** No data  
**Bird Values:** Bruny Island IBA  
**Flora Values:** Unknown  
**Marine Invertebrates:** Unknown  
**Marine Conservation Area:** Cloudy Bay Lagoon Marine Conservation Area  
**Management Actions:** None

### COMPLEX PROFILE

**Catchment:** Bruny  
**Municipality:** Kingborough  
**Saltmarsh Area:** 51 ha  
**Saltmarsh Clusters within the Complex:**  
 Cloudy Bay Saltmarsh Cluster (51 ha)  
**Recognised Values:**  
 Bruny Island Important Bird Area (assessed 2008)



## 21. PORT ESPERANCE COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Huon

**Municipality:** Huon Valley

**Saltmarsh Area:** 16 ha

**Saltmarsh Clusters within the Complex:**

Esperance River Saltmarsh Cluster (13 ha)

Chale Bay Saltmarsh Cluster (3 ha)

Bells Lagoon Saltmarsh Cluster (0.2 ha)

### Esperance River Saltmarsh Cluster

**Area:** 13 ha

**Catchment:** Huon

**River Section:** Esperance River

**Local Council:** Huon Valley

**Land Tenure:** Authority Land (about 8 ha), Informal Reserve, Below High Water

**Management Authority:** DPIPWE

**Coastcare Groups:** Port Esperance Coastcare Group

**Land Disturbance – within:** Minimal, none recorded

**Land Disturbance – adjacent:** Mostly island marshes, else some buffer vegetation present, western site bordered by highway

**Eutrophication:** Not recorded

**SLR Room to Move:** No data

**Bird Values:** Unknown

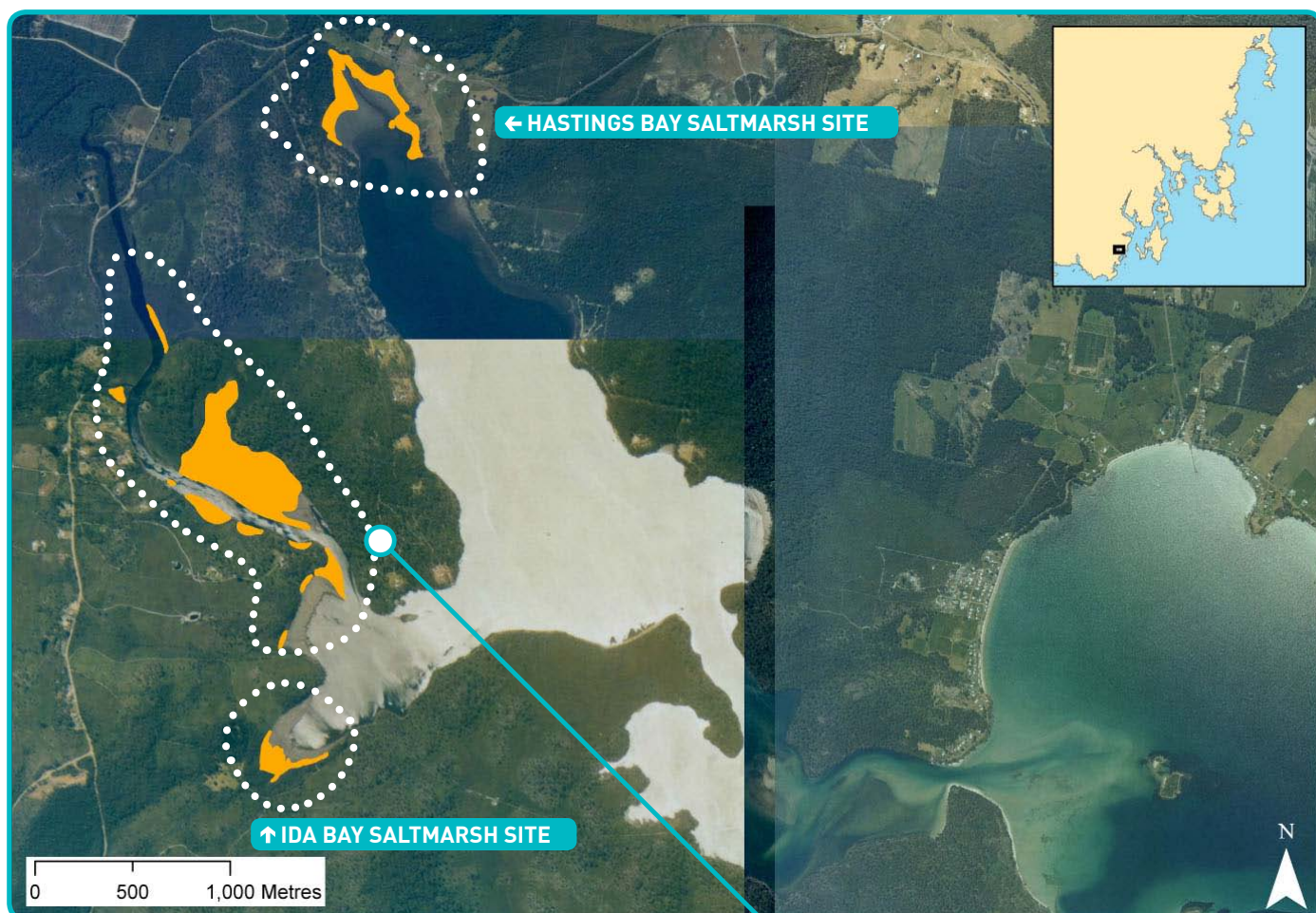
**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** Interpretation signage

## 22. SOUTHPORT COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Huon

**Municipality:** Huon Valley

**Saltmarsh Area:** 32 ha

**Saltmarsh Clusters within the Complex:**

Lune River Saltmarsh Cluster (23 ha)

Hastings Bay Saltmarsh Site (7 ha)

Ida Bay Saltmarsh Site (2 ha)

### Lune River Saltmarsh Cluster

**Area:** 23 ha

**Catchment:** Huon

**River Section:** Lune River

**Local Council:** Huon Valley

**Land Tenure:** Informal Reserve/Authority Land (22 ha), Below High Water, Private Parcel (0.3 ha)

**Management Authority:** DPIPWE, Private land owner

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** No data, disturbance unlikely due to remoteness

**Land Disturbance – adjacent:** Backed by native vegetation

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Unknown

**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** None

**Management Actions:** None



## 23. SOUTHPORT LAGOON COASTAL COMPLEX



### COMPLEX PROFILE

**Catchment:** Huon

**Municipality:** Huon Valley

**Saltmarsh Area:** 8 ha

**Saltmarsh Clusters within the Complex:**

Southport Lagoon Saltmarsh Cluster (8 ha)

### Southport Lagoon Saltmarsh Cluster

**Area:** 8 ha

**Catchment:** Huon

**River Section:** None

**Local Council:** Huon Valley

**Land Tenure:** Conservation Area

**Management Authority:** DPIPWE

**Coastcare Groups:** Unidentified

**Land Disturbance – within:** No data, disturbance unlikely due to remoteness

**Land Disturbance – adjacent:** Backed by native vegetation

**Eutrophication:** No data

**SLR Room to Move:** No data

**Bird Values:** Unknown

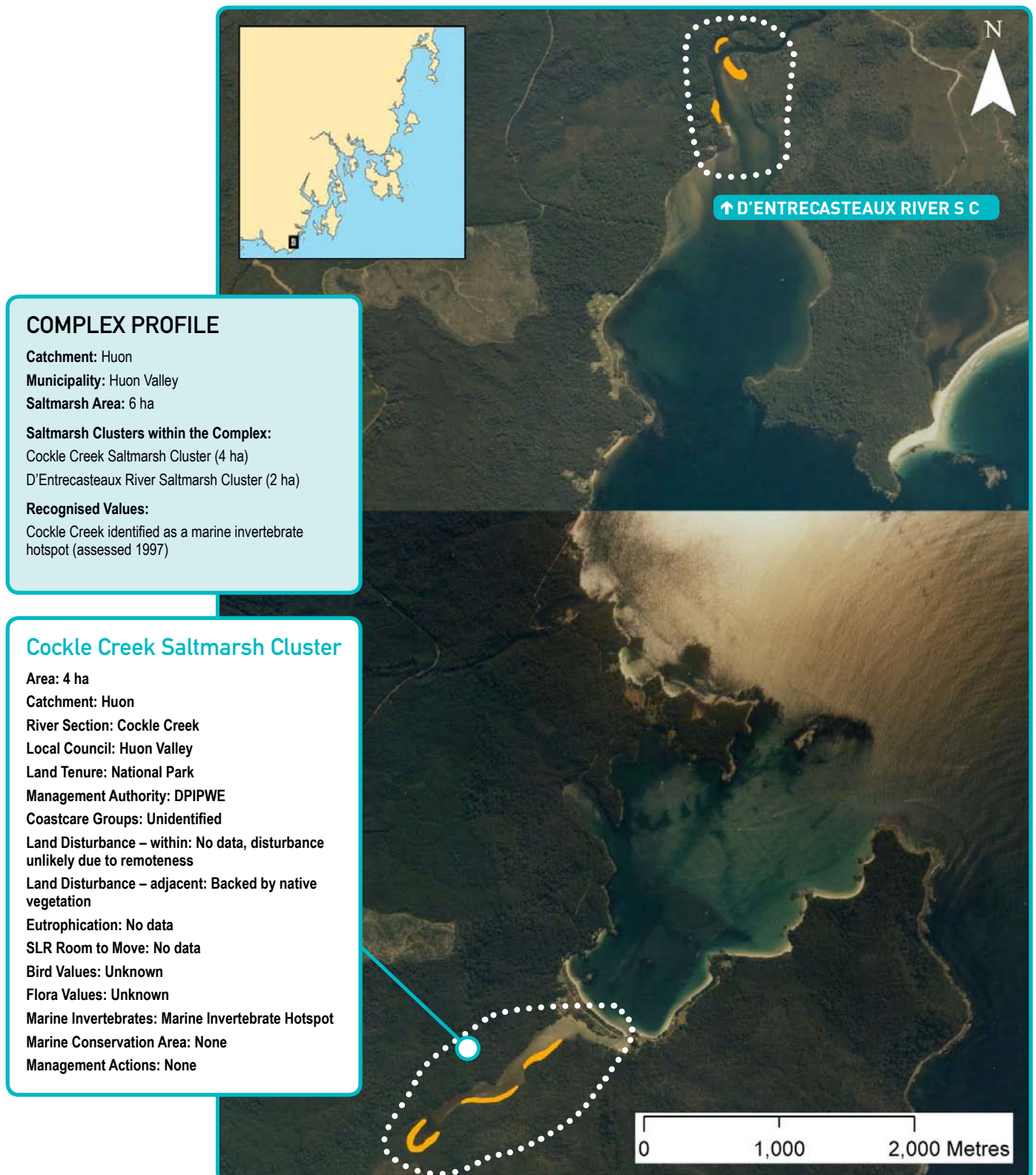
**Flora Values:** Unknown

**Marine Invertebrates:** Unknown

**Marine Conservation Area:** Southport Lagoon Conservation Area

**Management Actions:** None

## 24. RECHERCHE BAY COASTAL COMPLEX







Iron Creek saltmarsh forming a sand spit as part of the Pitt Water Orielton Lagoon.

Photo Vishnu Prahalad

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