

King Island Conservation Park



A self-guided tour of its' key wildlife habitats

Located only one kilometre offshore of Wellington Point, King Island is the place to observe small and large marine wildlife species.

Wildlife species need, King Island and Waterloo Bay, habitats and water quality in good condition.

People

At low tide, King Island is accessible by foot; people walk along a narrow sand bar, which stretches north-south for more than a kilometre. People visit King Island to appreciate the serenity of a quiet place, its coral cay, wildlife habitats and marine life.

Conservation status

King Island's coral cay was declared a Conservation Park in 1994. The Island's marine waters are a Habitat Protection Zone within the 2008 Moreton Bay Marine Park Zoning Plan. The habitats at the northern end of the Island are regarded to be Marine National Park status.

Water quality

Waterloo Bay's water quality improved every year from 2000 (C+ rating) to 2008 (A rating), then dropped markedly in 2009 (D+).

Habitats

Only one hectare in size at high tide the coral cay has fringing grey mangrove forest and remnant littoral dune vegetation. The native vegetation includes three species of littoral forest and four species of dune cover. The marine habitats include in-shore coral reefs, sponge habitat and seagrass meadows.

Wildlife

King Island is an important low tide bird roost for two species of resident waders and four species of migratory waders. During the day blue soldier crabs scurry across the sand flats while other invertebrates weave in tidal pools.

In the evening sharks and rays visit the mangrove shallows to hunt the multitude of fish and invertebrates. High tide in summer is a time when dugongs and turtles graze on seagrass, and fish seek-out other fish nearby.

Sources

- Environmental Health Monitoring Program 2009, *Annual Report Card*, Healthy Waterways Partnership, Brisbane.
- Queensland Government 2008, *Moreton Bay Marine Park Zoning Plan*, Department of Environment and Resource Management, Brisbane.
- Queensland Government 1999, *King Island Conservation Park Management plan*, Queensland Parks and Wildlife Service, Brisbane (ISSN 1037-4689)

Photos (clockwise)

- King Island – Dianne Hausler
- Common Stringray – Aengon Moran
- Blue Soldier Crabs – Qld Parks and Wildlife
- Bar-tailed Godwit – Craig Bohm

Production

The self-guided tour and interpretative map of King Island's coastal values was published by **Moreton Bay Coastcare Incorporated** for the **Flinders Peak to Moreton Bay 2010 Festival**.

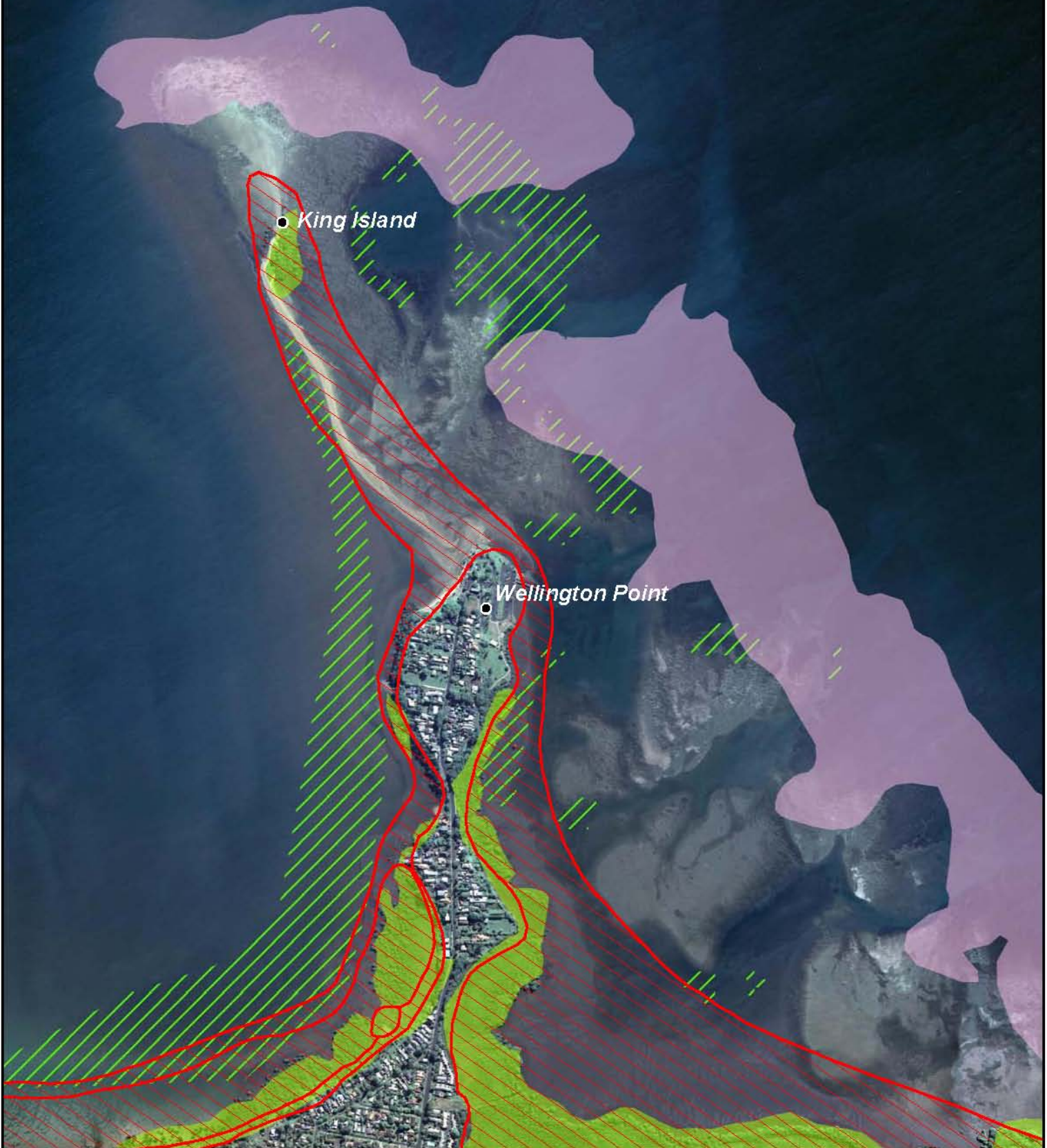
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- Little Secrets
- Ormiston Seagrass Watch
- Peaks to Points Festival Committee
- Redland City Council
- South East Queensland Catchments Inc.

For more information about Moreton Bay Coastcare refer to website at www.mbcc.org.au



King Island Coastal Values



HABITAT TYPE

-  Coastal vegetation
-  Wader roost and sand flats
-  Corals and inshore reefs
-  Seagrass meadows
-  Waterloo Bay

WILDLIFE SPECIES

- Blue-spotted Maskray (R), Common Stingray (R), Osprey (R)
- Bar-tailed Godwit (M), Eastern Curlew (M), Red-capped Plover (R), Red-necked Stilt (M), Pied Oyster Catcher (R), Soldier Crab (R)
- Blue Speckled Nudibranch (R), Flat Head (R), Leaden Sand Snail (R), Sand Whiting (R), Sea Star (R), Solitary Coral (R)
- Green Turtle (R), Hawksbill Turtle (R), Moreton Bay Baler (R)
- Indo-pacific Bottlenose Dolphin (R), Indo-pacific Humpback Dolphin (R)
- R: Resident species of Moreton Bay M: Migratory species to Moreton Bay*

1: 16,500 scale at A4
 Map projection: GDA 1994 MGA Zone 56
 Data Sources: DERM, DEEDI, SEQHWP,
 DIP, SEQ Catchments, BREC
MAGERY: Google Earth Pro

Map generated by Spatial Services Branch of
 the Department of Infrastructure and Planning 2010.
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