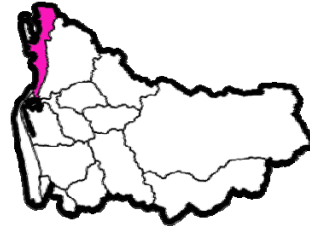


## COASTAL (NORTH) SUB-CATCHMENT



### KEY ASSETS

- Thomson's Lake and the Becher Point wetlands are internationally significant Ramsar wetlands
- 'Stromatolite-like' microbialite communities within Lake Richmond (a threatened ecological community)
- A number of other wetlands of regional significance contained within Rockingham Lakes Regional Park.
- Port Kennedy Scientific Park
- Shoalwater Islands Marine Park
- Various 'Bush Forever' Sites
- Protected in-shore waters of Warnbro and Cockburn Sound – recreation, commercial fishing and shipping opportunities
- Scattered occurrence of priority flora and fauna and threatened ecological communities.
- Community groups including those involved with coast care and associated support bodies.

### ISSUES

- Extent of urbanisation and industrial development and the effects on natural resources, particularly groundwater and remnant vegetation.
- Potential exposure of acid sulfate soils and resultant effects on water quality and aquatic biodiversity associated with dredging of Vasse estuarine system deposits for canal developments near Mandurah.
- Effects of nutrients and other pollutants on water quality and biodiversity within Cockburn and Warnbro Sounds (including stormwater and aquaculture sources).

- Ability of Sepia Depression within Cockburn Sound to continue to accept wastewater outfall from Woodman Point, and nutrient outflow from the Mandurah channel without detriment to marine ecology.
- Seagrass impacts associated with potential marine development in the Mangles Bay area (City of Rockingham)
- Protection of remaining wetlands from effects of groundwater abstraction and fertiliser use on nearby areas of irrigated horticulture
- Protection of remaining portions of agricultural priority management areas (horticulture)
- Effects of Mandurah channel on marine and coastal environments

### PRIORITY PROJECT NEEDS

- Implementation of Cockburn Sound EMP
- Ramsar wetland management plans
- Expansion of Infill Sewerage program
- Peel-Harvey Green Corridors (linkages between biodiversity assets)
- Implementation of Coastal Management Plans
- Acid Sulfate Soils research
- Survey of recreational uses of the estuary and nutrient impacts of peri-urban development

# COASTAL (NORTH) SUB-CATCHMENT

