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District Council of Yorke Peninsula

Mr Ricki Bruhn
Chief Executive Officer

Water Initiatives on Yorke Peninsula
Discover LG Showcase April 2010



Agriculturally rich – naturally beautiful

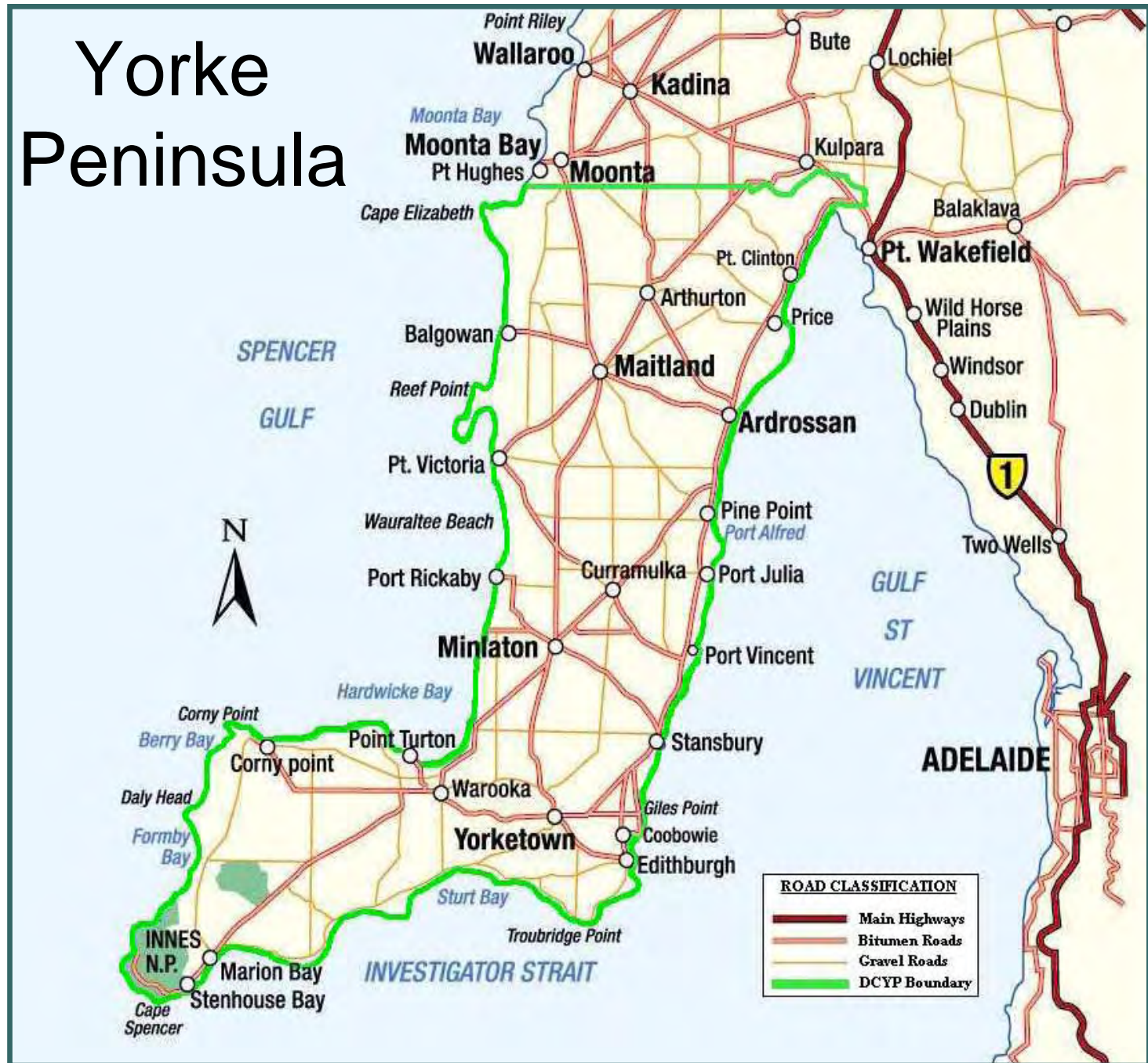


Key Topics



- Council established and operated water supply schemes
- Desalination
- Stormwater harvesting projects
- Community wastewater treatment plants – water reuse
- Development plan provisions
- Current and future water initiatives

Yorke Peninsula





Water supply schemes



- Balgowan





Water supply schemes



➤ Hardwicke Bay





Water supply schemes



- Black Point





Marion Bay Desalination Plant





Drilling the Beach Well at Marion Bay



Stormwater Harvesting Projects



Stormwater run-off in adjacent paddocks



Recently constructed
19 megalitre dam – Maitland East



Stormwater retention dam – Maitland West



Additional stormwater / treated waste water dam – Maitland West



Community Wastewater Treatment Plants



Ardrossan Wastewater Treatment Plant
and adjacent Golf Course/Parklands



Ardrossan Golf Course and Storage Dam



Minlaton West Stormwater collection
area - opposite town oval



Minlaton Oval



Development Plan Provisions



- All development should maximise the retention and use of stormwater as a water supply.
 - Where a restricted / unrestricted mains water supply is available, an onsite rainwater tank having a minimum capacity of 10,000 litres is to be provided – to be reticulated into the dwelling.
 - Where NO mains water is available, an on-site water tank (s) of 45,000 litres is to be provided – to be reticulated into the dwelling.
 - Appropriate connections are also to be provided to enable fire fighting services to draw water directly from the tank.



Current and Future Water Initiatives



- SA Water's Long Term Plan for Yorke Peninsula
- ICLEI Water Campaign
- LGA Statewide Cities and Towns Project – Minlaton / Gum Flat Stormwater Harvesting Project
- Ardrossan Stormwater Harvesting Project – concept designs



Thank you

Any Questions?



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