





Trigger level	16. TRIAGE ACTIONS
(mAHD) + 0.3	Augment water level & water quality monitoring and modelling
	Early pumping to Mount Lofty Ranges storages
	Implementation of urban water restrictions to minimise draw on River Murray
	Start modification to SA Water major urban supply intakes to cope with lower water levels
	Facilitate emergency dredging to provide continued access for private S&D and irrigation supplies
	Seal barrages to prevent seawater ingress with reverse head
0.0	Initiate program to provide alternative urban supply for Clayton
	Commence modelling project to investigate acidification potential – identification of acidification trigger levels for each lake
	Commence investigations into acidification risk for wetlands between Wellington and Lock 1 - engaged CSIRO to undertake remediation trials
- 0.4	Implement Lake Albert Water Level Management Project to prevent acidification
-0.5	Commence installation of Tailem Bend to Meningie S&D pipeline
- 0.6	Commence small-scale ASS bioremediation trials in Lake Albert
-1.0	CURRENT WATER LEVEL
	Commence Goolwa Channel water level management project to prevent acidification of key wetlands and the Goolwa Channel
	Commence construction of Pomanda Island weir
	Commence construction of Jervois to Currency Creek irrigation pipeline
+	Commence broad-scale bioremediation in key areas around lakes
- 1.5	Introduce seawater to prevent acidification of Lake Alexandrina if freshwater not available

Lower
Murray
Drought
Contingency
Plan

17. SA WATER MAJOR PUMPING STATION MODS

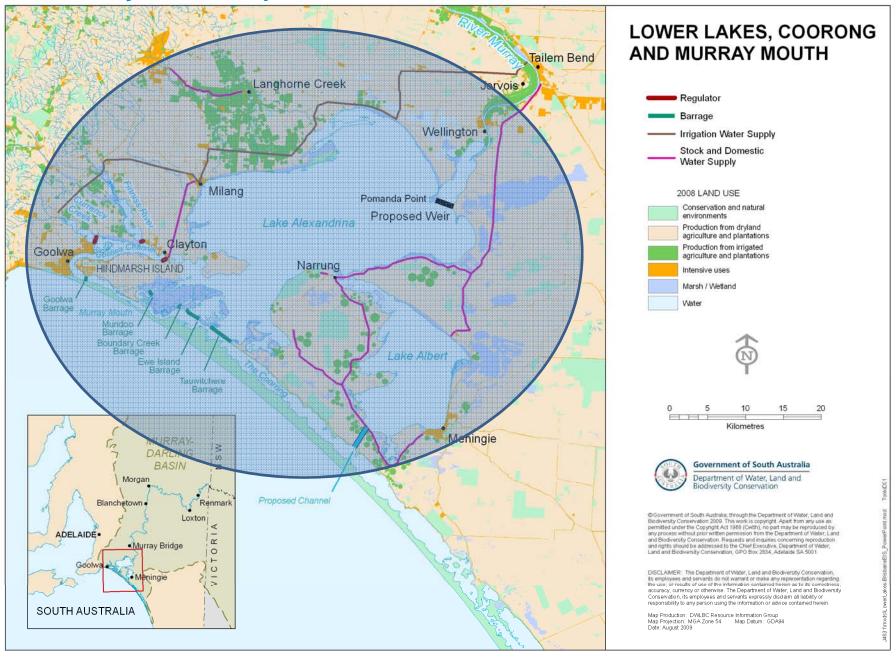
(TO EXTRACT TO AT LEAST MINUS 2.2 M AHD)



Low-lift pumps being installed at Mannum



18. Murray Futures Pipelines, \$150 million

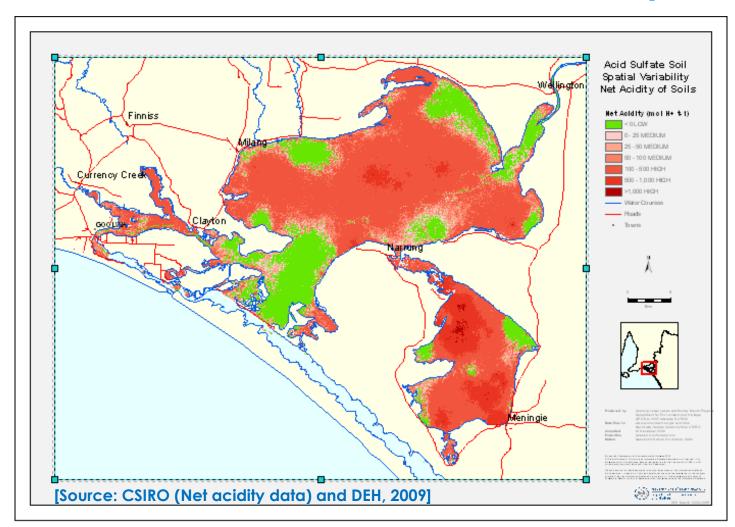




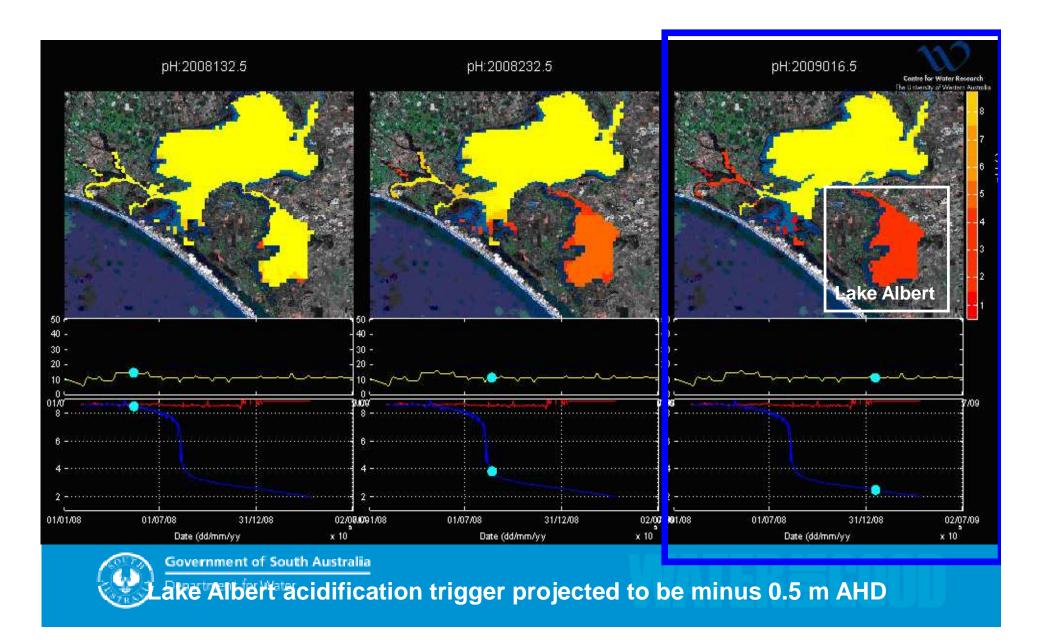




22. ASS in the Lower Lakes – Net Acidity Map



23. Acidification Predictions Uni of WA Bio-geochemical Modelling



24. Lake Albert Water Level Management Project

- Preferred option "Keep sediments submerged / saturated"
- Pumped from 02 May 2008 to 30 June 2009 (\$14.1 million MDBA)
- Up to 1 GL per day (500 x 50 m swimming pools / 24 hrs)
- To buy time until drought breaks
- Recommenced pumping Jan 2010 (90 GL), to Nov 2010 (Murray Futures)

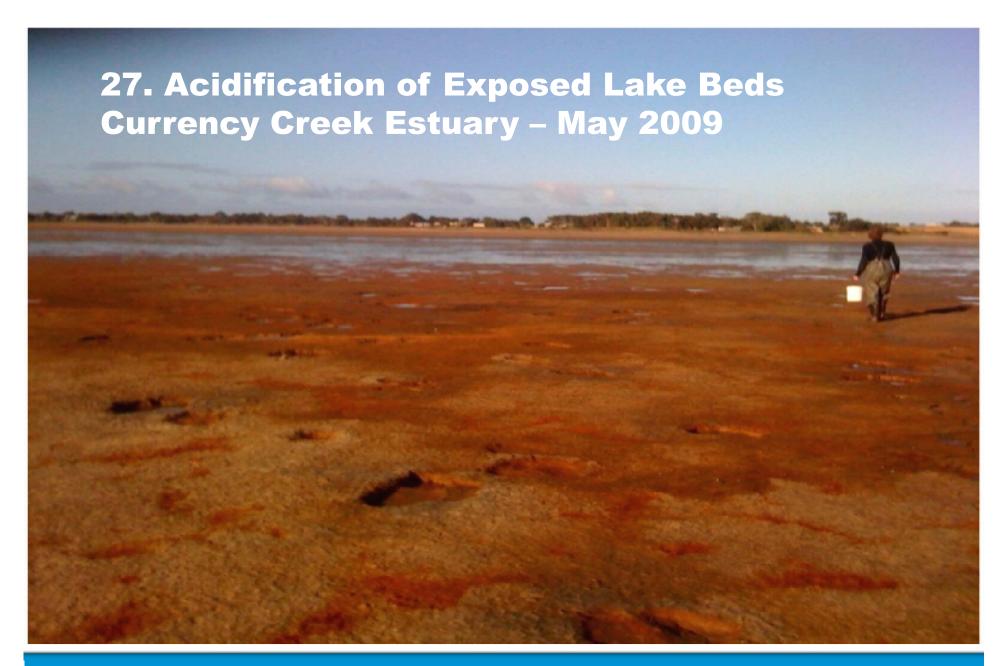


25. Lake Albert Pumping



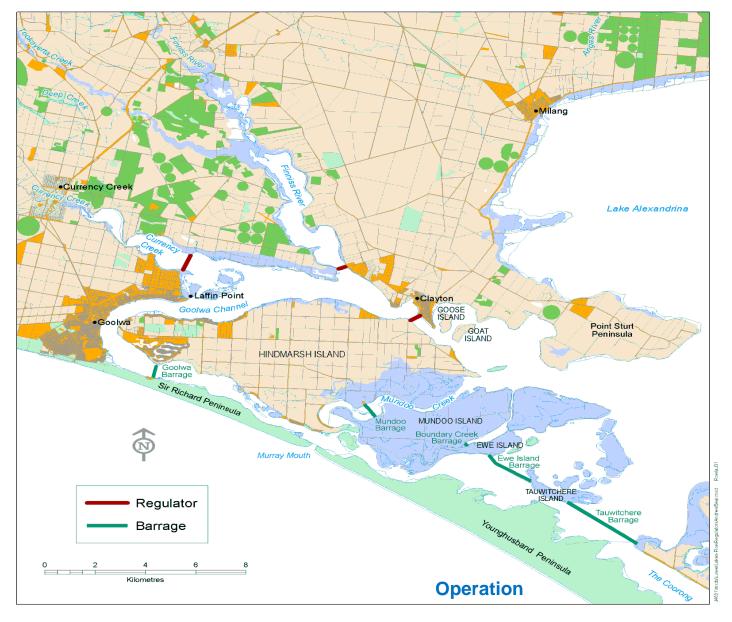


Lake Alexandrina Clayton **Finniss River Goolwa Channel** - EPBC + conditions - Ngarrindjerri -Community Consultation -Currency Creek Acidified -1,000 tonnes Limestone **Currency Creek** Minus 0.9 m AHD 26. 03 March 2009









28.
Goolwa Channel
Water Level
Management
Project



