

The Lakes Hub is an initiative of the Milang and District Community Association Inc. and is part of the South Australian Government's Murray Futures program, funded by the Australian Government's Water for the Future initiative.

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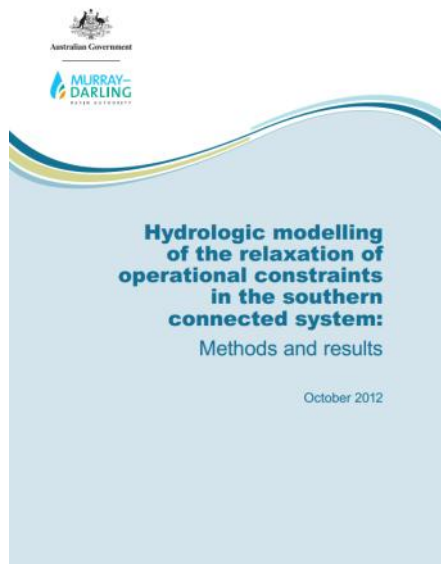
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**Of Gigalitres and Floodplains**

This week, we have seen the additional modelling from the Murray Darling Basin Authority regarding the recovery of water for environmental flows with a relaxation of operational constraints. This new data will assist in the Governments' decision making.

Kind Regards,  
 Stuart Jones.



**Modelling data available**

Hydrologic modelling of the relaxation of operational constraints in the southern connected system: Methods and results

The MDBA has completed two 'relaxed constraints' modelling scenarios where 8 key river operating constraints relaxed in the southern connected system with water recovery of 2,800 and 3,200 GL/year.

**Environmental Outcomes for South Australia**

Key Environmental Outcomes	2750 GL	3200 GL with relaxed constraints
Open Murray Mouth	Green	Green
Export two million tonnes of salt	Red	Green
Lower Lakes water level that avoids acidification	Red	Green
Healthy Lower Lakes salinity levels	Yellow	Green
Healthy Coorong salinity levels	Red	Green
Floodplain watering	Red	Yellow

= not achieved
  = improved
  = achieved

Source: <http://bit.ly/UZtMVP>

# Concept Statement to Amend the SA Murray-Darling Basin Natural Resources Management Plan

Since July 2009, the management of natural resources in our region have been guided by the South Australian Murray-Darling Basin Natural Resources Management Plan (SA MDB NRM Plan). The SA MDB NRM Plan is for the whole region and needs to reflect the values of the people that live, work and connect to the region.

The SA MDB NRM Plan has recently been reviewed. This review demonstrated that while the Plan is serving the region well, it also highlighted an opportunity to update and improve the Plan in light of new knowledge or changed operating environment. "We also recognise it is important that the community is involved in the amendment of the Plan at the right time and in the right ways."

The first step in addressing these areas of improvement is to prepare a Draft Concept Statement. The South Australian Murray-Darling Basin Natural Resources Management Board is now inviting your feedback on the Draft Concept Statement, while also seeking advice on how we involve the community in the process of amending the Plan

See: [Valuing Our Assets, NRM Plan Amendment](#) to have your say.

Community consultation closes: Friday 30 November 2012

## Pymble documentary makers to paddle the length of the Murray River

This doco due out next year will be worth watching, but they may need some directions when they get down this way...

*"PYMBLE couple and professional film crew members, James and Albany Livingstone, are setting off on an Australian adventure and capturing their journey for the rest of us. The documentary will be titled Rivers Of Australia and will begin in Corryong, Victoria, before finishing almost 3000km later at the mouth of the Great Australian Bight in Goolwa, South Australia."*

<http://bit.ly/RKqz6x>



The screenshot shows a Facebook post from 'North Shore Times' with the headline 'Pymble documentary makers to paddle the length of the Murray River'. The post includes a photo of a man and a woman kayaking on a river. The text of the post describes the documentary 'Rivers Of Australia' and mentions that the couple, James and Albany Livingstone, will kayak from Corryong, Victoria, to the mouth of the Great Australian Bight in Goolwa, South Australia. It also includes a quote from Mr Livingstone: "Were really looking forward to meeting the Murray," Mr Livingstone said. "Last week we kayaked about 80km and we've also been utilising our local river in Lane Cove National Park."

## This week in the News ...

[Floodplains benefit under new MDBA modelling](#) (ABC Riverland) 10 Oct 2012

Key Riverland floodplains would be watered if 3200 gigalitres were returned to the environment without existing flow constraints, according to modelling by the Murray Darling Basin Authority. An extra 35,000 hectares of land - including sections of Chowilla, Pike and Katarapko floodplains - would be watered under the environmental flows scenario. The new modelling has been released following a request by the ministerial Council in June 2012. Critically, the modelling requires the removal or relaxation of existing river constraints, including operational rules.

[Trial digs into acid soil solution](#) (Stock Journal) 5 Oct 2012

A MODIFIED plough and a time-tested technique may hold the solution to the acid sulphate problems that have plagued Lower Murray irrigators for the past two years.

The South Australian Environmental Protection Authority, SA Water, Murray-Darling Basin Authority and the CSIRO began a world-first trial this week on dairy swamps at Murray Bridge, injecting lime slurry about 70 centimetres beneath the ground in an attempt to neutralise acid sulphates.

## Point Malcolm Lighthouse Visit

Andrew Dawes, Lakes Hub Meningie

On Sunday the 14th October members of Lighthouse of Australia Inc visited Meningie for a picnic lunch in the Lions Park followed by a visit to Point Malcolm to view the Lighthouse. Earlier in the week members Graeme Davis and Ken Stephens had come to Point Malcolm and cleaned the lighthouse of years worth of Pigeon droppings and dead Pigeons in readiness for the clubs official visit. The Coorong District Council kindly mowed the path leading from the Turnstile to the Lighthouse so the Lighthouse was looking good for the visit.

On arriving at the Lighthouse on Sunday the door was opened and a resident Tiger snake slowly retreated to his hiding place not to be seen again. This encounter slowed down the number of members who took the opportunity to climb the steps to the top of the lighthouse.

LoA members were shown the cave in the cliff which was used by former Light House Keepers.

After this the members moved to Raukkan to view the Church as depicted on the \$50 note, before returning home.



## History of the Lighthouse

Point Malcolm is the only freshwater inland lighthouse in the Southern Hemisphere and was named after Neill Malcolm who took up 4,000 acres (1,600 ha) in the area in 1839. This was the beginning of Paltaloch Station which includes about 12 miles (19 km) of Lake Frontage.

The Point Malcolm Lighthouse was built in 1878 on the eastern side of the narrows between Lake Alexandria and Lake Albert, opposite Narrung.

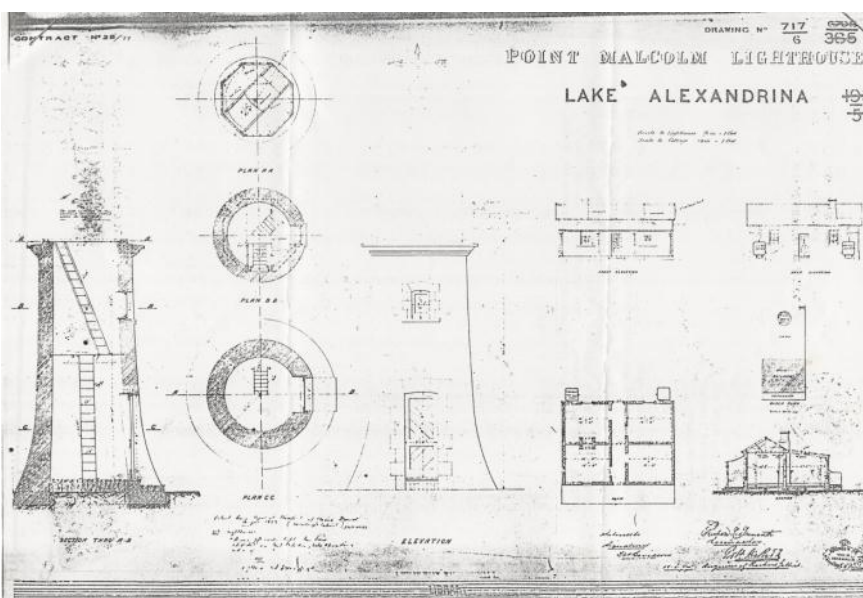
The importance of the Murray River trade and the expected increase in the exporting of riverine-delivered produce via Port Victor (now Victor Harbour) led to the decision to build the lighthouse at Point Malcolm. The lighthouse was built to assist ships that were passing through Lake Alexandria on their way to Lake Albert or the ports on the Murray River.

The lighthouse was built by Richard Trenouth, a well-known builder from Strathalbyn, at a cost of £1,043 for both the tower and keeper's cottage. The light was first exhibited on 1 February 1878.

Mr Geo Edmunds was appointed as Point Malcolm's first Keeper on 8th January 1878.

Mr Lyell succeeded Mr Edmunds as Keeper.

In 1889 Mr F Gardener succeeded Mr Lyell as Keeper and in 1902 he took wildfowl, other birds and snakes to London and sold a pair of Pelicans for 5 pounds. On his return he took up 250 acres of land at Watson Park near Milang.



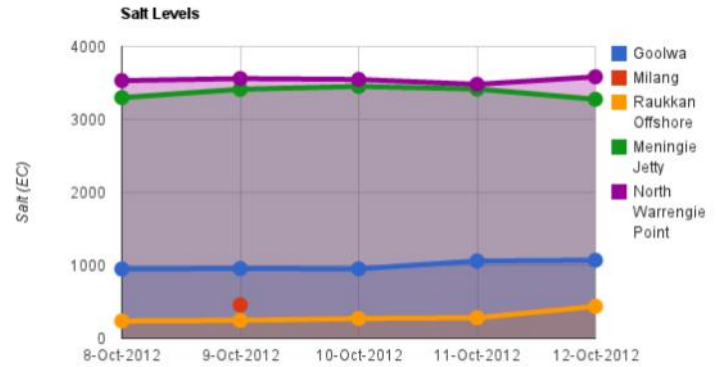
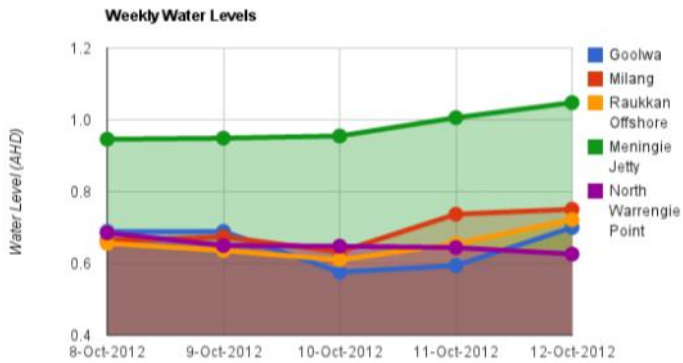
The next Keeper was Mr Samuel Fowler however, dates cannot be found for his term.

The keepers were self-sufficient and sold extra produce to locals. They stored excess produce in a small cave near the riverbank, which was cool and damp, while they waited for a boat to transport it to town for sale. A hole in the ground near the lighthouse dropped immediately to the cave below.

The lighthouse was turned off in September 1931, due a decline in river traffic.



## On the Level



## Daily Recordings – River Murray Data

Data received from:

<https://www.waterconnect.sa.gov.au/RMWD/Pages/default.aspx>

## River Murray – Weekly Flow Advice

For weekly flow / level reports on the River Murray and Lakes go to the following website:

[www.waterforgood.sa.gov.au](http://www.waterforgood.sa.gov.au)

Up-to-date River Murray flow and water level information can be accessed at the Department for Water, SA Water and Murray-Darling Basin Authority websites: [Water Connect](#), [Daily Flow Report](#), [River Murray Storage Data](#)

Details of river height and rainfall information in the River Murray within Victoria and New South Wales are available at the Bureau of Meteorology website: <http://www.bom.gov.au/vic/flood>

Information on the discharge of acid drainage water into the Lower River Murray can be accessed online at: [www.waterforgood.sa.gov.au](http://www.waterforgood.sa.gov.au)

DATE 8th - 12th Oct

DATE	SITE	WATER LEVEL (AHD)	SALT (EC)
8	GOOLWA	0.689	951
9		0.689	956
10		0.576	952
11		0.594	1060
12		0.700	1071
	<b>AVERAGE</b>	<b>0.650</b>	<b>998</b>
DATE	SITE	WATER LEVEL ( AHD)	SALT (EC)
8	MILANG JETTY	0.663	-
9		0.674	458
10		0.632	-
11		0.737	-
12		0.751	-
	<b>AVERAGE</b>	<b>0.691</b>	<b>458</b>
DATE	SITE	WATER LEVEL (AHD)	SALT (EC)
8	RAUKKAN OFFSHORE	0.656	238
9		0.636	246
10		0.610	272
11		0.655	282
12		0.722	438
	<b>AVERAGE</b>	<b>0.656</b>	<b>295.2</b>
DATE	SITE	WATER LEVEL (AHD)	SALT (EC)
8	MENINGIE JETTY	0.946	3300
9		0.949	3414
10		0.955	3454
11		1.006	3418
12		1.048	3277
	<b>AVERAGE</b>	<b>0.981</b>	<b>3372.6</b>
DATE	SITE	WATER LEVEL (AHD)	SALT (EC)
8	NORTH WARRENGIE POINT LAKE ALBERT	0.685	3533
9		0.650	3561
10		0.648	3549
11		0.644	3482
12		0.626	3585
	<b>AVERAGE</b>	<b>0.651</b>	<b>3542</b>

## CALENDAR OF EVENTS for more info contact the Lakes Hub

If you have any relevant community event or courses that you would like added to the Calendar of Events please contact the Lakes Hub.

October 2012	
15	
16	
17	
18	Talking Heads Alex Stone Historical Walking Tour of Milang 10am 8537 0808 Native Orchid Seminar Willunga Environment Centre 8556 4188
19	CARE meeting Palmer 8580 1830
20	Coonalpyn Show
21	Nature Foundation SA "Walk For Nature "
22	<b>National Water Week</b>
23	
24	
25	
26	
27	
28	Health of the Gulf Community Forum Pt Noarlunga Surf Life Saving Club 8332 9324
29	
30	Talking Heads Native Orchids with Ken Strother Meningie Hub 10am 8575 0830
31	

November 2012	
1	
2	
3	
4	
5	
6	Talking Heads Jody O'Connor CLLMM Bird Monitoring Milang Institute 11.30am 8537 0808
7	
8	
9	
10	
11	
12	<b>National Recycling Week</b>

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