

Emergency Numbers

IN AN EMERGENCY DIAL 000

Ambulance 132 962

Hospitals
Tanunda 8563 2398

Police
Nuriootpa 131 444

RAA
Tanunda 131 111
Gawler 0500 832 123
8522 2478

Poisons Information 131 126

Doctor's Surgeries
Tanunda Medical Centre
13 Mill St, Tanunda 8563 2777

Nuriootpa Medical Centre
6 Memorial Avenue, Nuriootpa 8562 2444

Torrens Medical Services
Hospital Road, Mt Pleasant 8568 0080



How precious is our Water?

*Discussing the needs and uses
of water in Rural communities*

Welcome to the one day conference
presented by the
Murray Darling Association

Friday April 29th, 2005

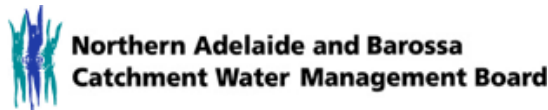
**Barossa Arts and Convention Centre
Tanunda**

*“ for conservation
and sustainable
development ”*



Sponsors

The Association would like to thank these sponsors for allowing such an event to occur:



"The Schild family are determined to continue the growth and success of their wine label and with good management and a stable foundation built on history and hard work this vision will be obtained and maintained".

Visit their website to find out more: <http://schildstate.com.au>

Biographies

John Johnson, River Murray Catchment Water Management Board

John Johnson joined the RMCWMB as its General Manager in February 2002 and was also appointed to General Manager of the Integrated Natural Resource Management Group for the South Australian Murray - Darling Basin Inc in November 2003. Mr Johnson has a background in research of aquatic ecosystems and the assessment of environmental impacts on aquatic habitats. He has been an ecological/scientific adviser to the Research Institute for Aquaculture (No 1) for fish farming projects in Vietnam. He had over 25 years experience in research and development of the State's aquatic and marine resources as well as in fisheries management before taking in this broader natural resource management role.

Peter Dillon, CSIRO

Peter Dillon is a research engineer who leads the research stream on Water Use and Reuse in CSIRO Land and Water. His research team based at Urrbrae pioneered Aquifer Storage and Recovery with stormwater and reclaimed water for irrigation, for which they and Department for Water Resources were awarded the inaugural UNESCO International Water Prize in 2001. He led the CSIRO-AWA Australian Water Conservation and Reuse Research Program, was a Director of the Centre for Groundwater Studies in its early life, and is a founding member of the AWA Water Recycling Forum and the founding chair of the International Association of Hydrogeologists Commission on Management of Aquifer Recharge. His research has spanned from stream-aquifer interaction, groundwater quality protection and agricultural water reuse to generating new urban water supplies.

Colin Pitman, Salisbury Council

Colin Pitman is the Director City Projects for the City of Salisbury. He believes that using aquifer storage clearly reduces the load on other mains water supplies, which in this country are over-taxed and failing due to rising salinity in waterways, which is a common problem in this country. Aquifer Storage and Recovery is supported by the Department of Water Resources, the Northern Adelaide and Barossa Catchment Water Management Board and the Commonwealth Government's Environment Australia Urban Stormwater Initiative.

Joe Keynes, LandCare

Joe Keynes is a recognised leader in the Landcare movement at local, regional and State levels. He and his family have undertaken many Landcare measures on their commercial sheep grazing dryland farm at Keyneton, including revegetation, protection of creek lines, maintenance and enhancement of grasslands and perennial pasture improvement.

Rob Freeman, Department of Water, Land and Biodiversity Conservation

Rob was appointed Chief Executive of the in September 2002. Prior to this appointment, Rob worked in executive management roles within the Queensland public sector for over 20 years. He has extensive achievements in client relations, service delivery, policy development and major organisational improvement in large natural resource based organisations. In addition to Rob's extensive public service experience he has held positions in the academic sector and undertaken domestic and international consultancies.

Biographies

Minister Karlene Maywald, *Minister for River Murray*

Karlene Maywald is the South Australian Member for the seat of Chaffey, encompassing the Riverland and Northern Mallee regions, of South Australia. Her Parliamentary roles include membership of the Environment, Resources and Development Committee, the Murray River Select Committee, the Emergency Services Select Committee and the Heroin Rehabilitation Select Committee, the Economic and Finance Committee and she was the inaugural Chair of the Natural Resources Committee.

Peter Forward, *SA Water*

Peter Forward, with a Degree in Electrical Engineering, has worked at SA Water since 1977. For 18 years he held various positions in SA Water's Riverland Region based at Berri on the River Murray, with the last four years as Regional Manager. This has included responsibility for irrigation and drainage, domestic water supply and operations of the River Murray Locks and Weirs and salt interception schemes under SA's control on behalf of the Murray Darling Basin Commission. He is currently heavily involved with work on other schemes currently under investigation or construction as well as providing advice and assistance to scheme operators interstate.

Micheal Deering, *MLR&GA INRM Group*

Dr Deering is a scientist specialising in natural resource management and policy. He holds the degrees of Bachelor of Science, First Class Postgraduate Honours and Doctor of Philosophy. He also holds a Graduate Certificate in Business Administration. The Department of Water, Land and Biodiversity Conservation currently employs Dr Deering in the position of Program Manager, Resource Allocation for the Mount Lofty Ranges. A key responsibility of this position is the introduction of a management regime that will lead to the sustainable use of the water resources in the Mount Lofty Ranges.

Mr Bob Smith, *Tandou Limited*

Bob Smith has been involved in irrigation farming since 1961 and on a fulltime basis with Tandou Limited as Managing Director since 1972, when he jointly founded the company with Ian Taylor. He was awarded the BHP Pursuit of Excellence Award in the Rural Development Category in 1982 and is a former director of Cotton Australia. Tandou Limited listed as a public company in 1987 with its activities centred on Menindee Lakes in Western NSW where the company has 79,000 hectares with 14,000 hectares developed for row crop irrigation and own cotton gin. This includes 800 hectares sub surface drip irrigated cotton and cereals and 200 hectare of permanent drip irrigated stone fruit, apple, citrus and wine grapes.

Peter Toome, *Measurement Engineering Australia*

Peter Toome is Marketing Manager for MEA, an Adelaide based company specialising in environmental monitoring. MEA supplies automatic weather stations and soil moisture monitoring equipment for irrigated agriculture and builds custom systems for research use (for flow, drainage, moisture levels) and government agencies and corporate customers. He is an active member of IAA's SA Region and is currently serving as chairperson.

Introduction

On behalf of the Murray Darling Association I would like to welcome you all to this one day conference. Today's program has been set out, at the request of the Murray Darling Association Region 6 Committee, on the issues our state faces now and in to the future.

We are honoured to have Minister Karlene Maywald as a key note speaker to set the scene of "*How precious is our Water?*" which is a question we all need to ask ourselves. We all know that water is the most important resource, it is needed for agriculture, development and for us all to drink, plus we can enjoy the natural beauty of the environment that uses water to grow and survive.

Today there will be discussions on how we can deal with those issues. We believe that by having a better understanding of our current position we will be better equipped as how we can move to a more sustainable environment.

Thank you,



Ray Najjar
General Manager
Murray Darling Association

Murray Darling Association

Representing people and Local Government along Australia's greatest river system.

We aim to ensure the environmental integrity of the Basin is conserved and protected, while the sustainable development of the Basin's resources is encouraged. Achieving this aim by acting as a forum for Local Government, identifying needs and priorities, interacting with Government and community agencies and encourages education initiatives.

Would you like to become a member?

The Association welcomes new members and their involvement in our various activities. We encourage you to become part of the largest non-government organisation with an interest in the future of the Murray-Darling Basin. Download a Membership Application form from the website at www.mda.asn.au

How precious is our Water?

Program

8:30 Registration

Coffee and Tea will be available

9:30 Opening

Mr Ray Najar, *General Manager*, Murray Darling Association

9:45 Welcome to Delegates

Cr Frank Tuckwell, *SA Vice President*, Murray Darling Association

Cr Brian Hurn, *Mayor*, Barossa Valley Council

10:10 Keynote Address

Hon Karlene Maywald, *Minister for the Murray River*

10:30 Morning Tea

Coffee and Tea will be served with biscuits

11:00 Future Options for Water Resources

How are we managing salinity in South Australia?

Mr Peter Forward, *Manager Salinity Control*, SA Water

Prescription of Western Mount Lofty Ranges Regions

-Implications and benefits

Dr Micheal Deering, *Program Manager*, Resource Allocation

Department of Water, Land and Biodiversity Conservation

Is the Darling relevant to South Australia's future?

Mr Bob Smith, *Managing Director*, Tandou

12:30 Lunch

Discussing the needs and uses of water in rural communities

13:30 Overview of the Issues

Water Quality or Quantity- or both?

Panel Discussion

Is Irrigation sustainable?

Mr Peter Toome, National Board Director and Chairman of the Irrigation Association Australia – SA

How Natural Resource Management can deliver sustainable outcomes

Mr John Johnson, *General Manager*, River Murray Water Catchment Management Board

15:00 Afternoon Tea

Coffee and Tea will be served with home made cake

15:20 The Options

Aquifer Storage and Recovery

Dr Peter Dillon, *Stream Leader*, CSIRO

Mr Colin Pitman, *Director City Projects*, Salisbury Council

Water, Salinity and Weeds

Mr Joe Keynes, *Dryland Primary Producer*, Landcare

16:50 Closing Remarks/ Outcomes

Mr Ray Najar, *General Manager*, Murray Darling Association

18:30 Dinner

How healthy is our river?

Mr Rob Freeman, *Chief Executive*, Department of Water, Land and Biodiversity Conservation

Region 5, 6 & 7
Stream II Discussion