

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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What's Been Happening?

A few locals may have seen smoke from a burn near Finniss early last week, it was in fact a prescribed burn or 'habitat manipulation burn' undertaken by DEWNR in collaboration with and instigated by the Conservation Council of SA as part of their Mount Lofty Ranges Southern Emu Wren & Fleurieu Peninsula Swamps Recovery Program. 11.5 ha was burnt with the main aim to improve what is currently relatively low quality habitat for Southern Emu Wren. They did have a helicopter on site as part of the burn but there was also a fixed wing aircraft was seen near the site that had nothing to do with burning operations. Thanks to Marcus Pickett from the Conservation Council for this update.



DEWNR Scientific Officer, Jody O'Connor has let us know that she will be undertaking the next round of cryptic bird surveys at the regular 15 sites around the lakes between Monday 30th September and Wednesday 2nd Oct.

Did anyone see the water spout a few weeks ago? If not see photo page 2.

If you see or photograph anything of interest around the Lakes please send it in to us at info@lakeshub.com, and have a great week!

Best Wishes, The Lakes Hub Team
(Amelia, Andrew, Robynne, Stuart, Carole & Jill T.)

The weekly links...

Teen invents machine to clean up plastic in the ocean using centrifuge, he has figured out the g-force that plankton can survive and has designed a machine that could separate microscopic plastic in sea water from plankton-Awesome! Check out his foundation at: www.boyanslat.com/plastic5/

Soil blocking a new way to transplant seedlings: www.milkwood.net/2012/04/01/soil-blocks-how-to-transplant-seedlings-without-going-potty/

Native swamp rat (*Rattus lutreolus*) numbers could be increasing across the southern length of the Fleurieu Peninsula and south of Lake Alexandrina, according to a recent study completed by Adelaide University honours student Ms Roxanne Stocker.
www.naturalresources.sa.gov.au

DEWNR News Release on Pelican Path Awards

www.environment.sa.gov.au/Home/Full_newsevents_listing/News_Events_Listing/130924-architect-awards

The History Spot



Passenger Services to be Curtailed - MILANG SERVICE ELIMINATED - No Sunday Buses.

Barr and Bonds Motor Services have received notice from the Director of 'Emergency Road Transport that as from 1st December next, their popular road services must be curtailed to one service per day between Strathalbyn and Adelaide on one vehicle only, leaving Strathalbyn in the morning and returning in the evening. The service that they have been running between Milang and Strathalbyn since 1925, is cancelled as from the above date. There will also be - no buses allowed to operate on Sundays. These restrictions are to be placed on practically all transport services, apart from the position in regard to liquid fuel, the tyre shortage, manpower for operating and maintaining services, and the scarcity of spare parts are the chief factors for the board taking this step. Munition workers and others will be seriously inconvenienced and some may even be unable to visit their homes at week-ends owing to the curtailing of Sunday services. Victor Harbour has had no Sunday bus services for seven months. The proprietors have worked up a wonderfully convenient service and the travelling public have shown by their patronage that the present service is much appreciated. The Milang people will be much more affected than elsewhere, as they may be cut off an odd day or so a week. There will also be no afternoon mail facilities. Barr and Bond have endeavoured to maintain the maximum service with strict economy in fuel, and have only run additional vehicles on rare occasions. Now there will only be one vehicle, one return trip, for six days per week, commencing at the beginning of next month.

Waterspout near Langhorne Creek

Did you see the waterspout Friday 13th September on Lake Alexandrina near Langhorne Creek?

Water spout information:

www.marineinsight.com/marine/8-facts-about-water-spouts-at-sea/

Photo from Langhorne Creek Wine Region Facebook page

Thank you to Mark & Tina Evans from Langhorne Creek who captured these great shots.



Not on my turf!



Can you think of a caption for this photo of a Great Egret about to land near a Royal Spoonbill?

Send your captions to info@lakeshub.com . The winning caption writer will win a mystery prize!

Giveaway - Pallets

AVK Valves are an environmentally accredited Wingfield based local manufacturer of waterworks valves and accessories. As part of our ongoing commitment to the environment we seek to reuse wherever possible. Because of this approach we are now looking to find other alternate uses of items that we have surplus to our needs. We have a huge stockpile of pine pallet frames that could be used by others including:

- Raised garden beds (community garden schemes or domestic)
- Demountable / extendable compost bins
- Tree surrounds (for compost / gravel retention)
- Sand Pits/ Worm Farms
- Other entrepreneurial uses
- Constructed from 200 mm x 18 mm Pine with galv. Hinges with the ability to stack up to 4 levels.

To arrange an inspection or for more details please contact AVK Valves on 8368 0900 and ask for Pat



Up-Coming Events / Opportunities

Finniss Catchment Group

(at two properties near Ashbourne)

Sunday 13th October 2013, 10am—1.00pm

Native grasses - a field day with Bob Meyers

Increase your skills in identification of grasses

Contact Sally Richards ph: 0428 441 978

emilsal@harboursat.com.au

Finniss Catchment Group



Native Grasses

a field day with Bob Myers

Increase your skills in identification of grasses, and discuss options for management with one of South Australia's most experienced and informed enthusiasts on two properties near Ashbourne

Sunday, 13th October 2013
10 a.m. – 1.00 p.m.

To register interest and obtain further information contact Sally Richards

Mobile: 0428 441 978
Email: emilsal@harboursat.com.au



Irrigation workshop road show

technology • water saving • energy efficiency • NRM update • training • grants

In October, DairySA will host irrigation workshops focused on training opportunities, NRM, water allocation plan and grant updates and new technology for the dairy industry.

Managing Director of Imirex, Damien Butler, will lead attendees through new variable rate irrigation (VRI) and remote pressure control technology and hold discussions on farm automation - what's available and where to start, future proofing the farm and industrial protocols, as well as a cost benefit analysis of adopting technologies on farm.

Workshop locations and dates:

- Lower South East - Tuesday October 8th 11:30 - 2:00pm
Telford's dairy, Mundolon Dairying, Stout Route Road, Mount Schank.
ASVP: Liz Rymer 0409 825 954 or ERymer@dalryaustralia.com.au
- Mid & Upper South East - Wednesday October 9th 11:30 - 2:00pm
Grady and Smart family dairy, Concrete Bridge Road, Joanna.
ASVP: Liz Rymer 0409 825 954 or ERymer@dalryaustralia.com.au
- Menangle - Thursday October 10th 11:00 - 2:00pm
Brad Fischer's dairy, Campbell House 1634 Narrung Rd, Menangle West.
ASVP: Nerida Ewart 0409 825 938 or NEwart@dalryaustralia.com.au
- Murray Bridge - Friday October 11th 11:00 - 2:00pm
Location details TBA
ASVP: Nerida Ewart 0409 825 938 or NEwart@dalryaustralia.com.au
- Tooperang - Tuesday 15th October 11:00 - 2:00pm
Tooperang Hall, 2415 Bull Creek Road, Tooperang.
ASVP: Nerida Ewart 0409 825 938 or NEwart@dalryaustralia.com.au

Damien Butler is an industrial designer specialising in process control development and irrigation automation systems. He has experience in:

- Automated motor control solutions
- Variable speed drive & soft starters
- 3D modelling
- Telemetry solutions & mobile device integration
- Protocol including Interbus and Modbus
- Web sites

National Water Week

21 - 27 October 2012

Tour of Adelaide Desalination Plant

Wednesday 23rd October

Discussion with local expert about Water Security in SA, free tour, Kauwi Interpretive Centre & morning tea

Bus departs Hub 9 am

Returning to Milang 2 pm

* BYO lunch

RSVP: 17th October
Lakes Hub
8537 0808



National Water Week aims to cultivate community understanding of water issues in Australia.



WILLUNGA Environment Centre

Supported by The Adelaide & Mt Lofty Ranges Natural Resources Management Board

"CURRENT STATE OF WORLD BIODIVERSITY AND OUR IMPOVERISHED FUTURE LIFE SUPPORT SYSTEM"



Presenter: Professor Corey Bradshaw

Professor Bradshaw holds the Professorial Chair of Ecological Modelling at the University of Adelaide's Environment Institute and is a leading expert in the field of Ecological Modelling. He specialises in applying mathematical models to multi-species datasets to determine global scale patterns of threat to biodiversity.

Tuesday 8th October at 7pm at the Centre, 18 High St, Willunga.

Supper provided!

Registration - Essential - please Ph: 85564188 or email: info@willungaenviro.org.au to register!

Irrigation Workshop Roadshow

Dairy SA is hosting irrigation workshops in October on training opportunities, NRM, water allocation plan and grant updates and new technology for the dairy industry.

Meningie - Thursday Oct 10th: 11- 2:00pm Brad Fischer's dairy: Campbell House 1634 Narrung Rd, Menangle West.

Murray Bridge - Friday Oct 11th: 11-2:00pm Location TBA

Tooperang - Tuesday 15th Oct: 11-2:00pm Tooperang Hall

Creek Road, Tooperang.

To book Nerida Ewart 0409 825 938 or

NEwart@dalryaustralia.com.au

Milang Community Centre 10th Birthday Celebrations Saturday 5th October

See Program Below - All Welcome!

Including Bush Food Morning Tea provided by The Lakes Hub at 10am to coincide with the Great Scone Bake Off! Ph 8537 0687

Drawing on Country

1 DAY, 1 LAKE, 4 SITES

5th October 2013 10am - 4 pm

GOOLWA CLAYTON BAY

MILANG RAUKKAN

Create your artistic impression of Lake Alexandrina

CHANGE & ADAPTATION

DRAWING ON COUNTRY

1 DAY, 1 LAKE, 4 SITES.
CREATE YOUR ARTISTIC IMPRESSION OF LAKE ALEXANDRINA

COST FREE | **WHERE VARIOUS SITES** | **DATE 5 OCTOBER 2013** | **TIME 10AM TO 4PM LUNCH PROVIDED**

REGISTER TO PARTICIPATE

GOOLWA Cheryl Anne Brown 0409 988 107 whitec@bigpond.com
 CLAYTON Deborah Carrington 0405 985 877 deborah.carrington@gmail.com
 RAUKKAN Betty Sumner 0574 0246 dyl@betstretcher.com.au
 MILANG Gaynor Hartvigsen 0402 362 307 gahart@big.com.au

COUNTRYARTS.ORG.AU



MILANG OLD SCHOOL HOUSE COMMUNITY CENTRE 10th Birthday Celebrations PROGRAM Saturday 5th October

8.00 am	Poets Breakfast including Eggs on Toast prepared by Chillaxin Crew and the Fender Bender Smoothie Maker provided by the Opal Tea team Guest poet Jude Aquilina* with adult and childrens poetry Please bring your own or your favourite poem along to share.
9.00 am	History/ Environment Walk and Talk with Alex Stone – Meet at the front gate
9 – 10 am	Play for Tiny Tots in the Creche Playground with Rose Turtle Talks in the Turtle Shed
9.30 am	Lakeliners Writers Group - Launch of new anthology "Food For Thought" Delivery of scones for Great Scone Bake- Off- Junior and Adult Categories
10.00 am	Judging of Scones by Susan Bagley Drawing on Country commences and continues 'til 4pm. Meet with artist Gaynor Hartvigsen to draw, paint, photograph or video your special spots around the Lake. Bush Food tasting provided by the Lakes Hub
11.00 am	Welcome by President Mr. Mike Linscott Acknowledgement of Country Heart of the Community for a Decade – Guest Speaker Glenda Linscott* , Actress and Presenter Congratulations by Mayor Kym McHugh Cutting the Birthday Cake
11.30 am	Devonshire Morning Tea
11.40 am	Entertainment by the Drumming Group
11.50 am	Preview of one of the songs from Murray the Musical
Noon	History/ Environment Walk and Talk with Alex Stone – Meet at the front gate Turtle Talks in the Turtle Shed Community Garden – Plants for Sale Fibre Art Group – demonstrating in the shed Fifteen minute workshops with Glenda How to play card games – demonstrating in front of MOSHCC
1.00 pm	Lunch – Coorong Mullet or Meat Patties and Salad
All am	Surprise Guest Appearance by MURRAY the TURTLE Reminiscing Room – Photo displays in Lounge Room Video Presentations Chillaxin Crew Trading Table FAMILY FUN FOR EVERYONE

It's time to dust off your favourite family scone recipes and join the

GREAT SCONE BAKE OFF

Who will be judged as the Champion Scone Baker?

Interested in entering the Great Scone Bake Off?
Deliver your scones to the Milang Old School House Community Centre by 9:30 am on the 5th October.
You will be given an ID number.
The best 3 scones from your batch will be placed on a plate and judged on:
Colour, Taste, Size, Texture, Top and Bottom
Local Show Judge **Susan Bagley** will judge the entries.
Prizes will be awarded. Children are welcome to submit scones in the children's section.
Judging will take place at 10am in the ACE Space at MOSHCC, and everyone is welcome to watch.
Come and join in the fun and we'll share the remainder of the scones for morning tea as part of the MOSHCC's 10th Birthday Celebrations on Saturday 5th October, 2013 at MOSHCC, 24 Daranda Tce. Milang

HEART OF THE COMMUNITY FOR A DECADE

On the Level

DATE 16th September - 20th September 2013

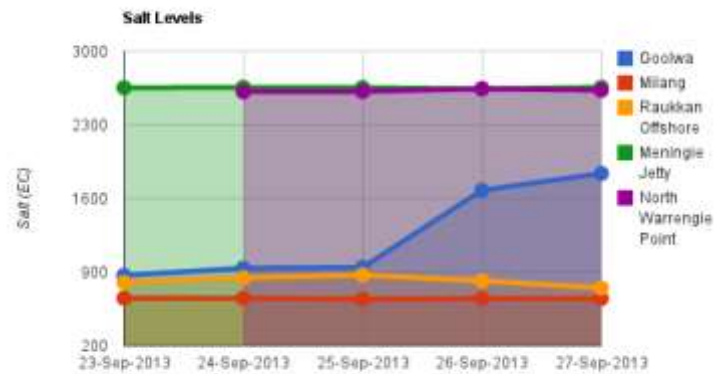
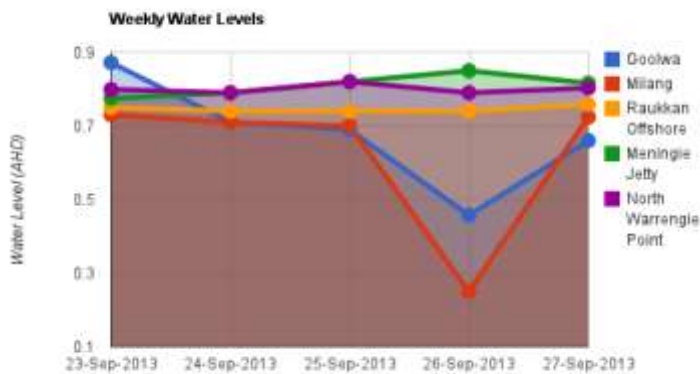
Lake Levels (AHD)

Date	Goolwa	Milang	Raukkan Offshore	Meningie Jetty	Nth Warrengie Point
23-Sep	0.872	0.73	0.75	0.775	0.799
24-Sep	0.71	0.71	0.74	0.79	0.79
25-Sep	0.69	0.7	0.74	0.82	0.82
26-Sep	0.457	0.25	0.74	0.85	0.79
27-Sep	0.66	0.724	0.759	0.816	0.803
	0.678	0.623	0.746	0.810	0.800

Salt Levels (EC)

Date	Goolwa	Milang	Raukkan Offshore	Meningie Jetty	Nth Warrengie Point
23-Sep	869	652	801	2653	
24-Sep	937	651	847	2657	2615
25-Sep	944	643	873	2655	2618
26-Sep	1678	648	817	2643	2644
27-Sep	1838	649	749	2657	2630
	1253	649	817	2653	2627

Data received from: www.waterconnect.sa.gov.au/RMWD/Pages/default.aspx
Please note: salinity levels in the Goolwa Channel can be influenced by tidal ingress.



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

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](http://www.waterconnect.sa.gov.au), [Daily Flow Report](http://www.murray-darling.gov.au), [River Murray Storage Data](http://www.murray-darling.gov.au)

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

For the latest River Murray Flow Report and Water Resources Update - 16th November 2012 visit: <http://www.waterconnect.sa.gov.au>

Some electrical conductivity ranges	
Water type	Electrical conductivity (µS/cm)
Deionised water	0.5-3
Pure rainwater	<15
Freshwater rivers	0 - 800
Marginal river water	800 - 1600
Brackish water	1600 - 4800
Saline water	> 4800
Seawater	51 500
Industrial waters	100 - 10000

Source: Suttar S.,
Ribbons of Blue
Handbook.
Scitech, Victoria,
1990.

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 2013	
1	
2	
3	Climate Science Conference 9am-4.30pm Australian Education Union Greenhill Rd Parkside www.cleansa.org
4	
5	Milang Old School House 10th Birthday Celebrations! Bush Food Morning Tea Ace Space 10am ph 8537 0687 'Drawing on Country'—Goolwa, Clayton Bay, Milang, Raukkan
6	
7	Strathalbyn Show Public Holiday
8	'Current state of world biodiversity...' Corey Bradshaw 7pm Willunga ph 8556 4188 info@willungaenviro.org.au
9	Goolwa to Wellington LAP AGM 7pm St Andrews Hall ph 8536 5612 tony.randall@gwlap.org.au
10	
11	
12	Intro to Bird Watching & Monitoring John Gitsham 9-3 Murray Bridge ph 8580 1830 danielle.packer@sa.gov.au
13	Native Grass Field Day with Bob Myers Finniss Catchment Group 10am-1pm ph 0428 441978
14	
15	
16	Making Biochar from Common Reeds Field Day 9.30am ph 0408 813 628 office@environmentsbydesign.com.au National Ride to Work Day www.bicyclenetwork.com.au
17	Weed Management Society of SA AGM 4pm Waite Campus ph 0401 288 946 wmssa01@hotmail.com
18	
19	
20	Meadows Country Fair & Battunga Field Day 9am-4.30pm
21	21-27 October National Water Week www.awa.asn.au
22	
23	Lakes Hub Tour Adelaide Desalination Plant & Water Security Discussions 9am - 2pm ph 8537 0808
24	
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Disclaimer

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