

Number 155
9th July 2013

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NAIDOC Week

Good morning Everyone,

It is NAIDOC Week and here are a few things happening this week:

- * 10th July NAIDOC Week family event at Strathalbyn Library 10-11.30am including flag raising, traditional performance and morning tea.
- * 12th July 'Collett Barker - The untold story', The Creative Hub, Mount Barker Town Hall 7.30pm
- * 10th July Aboriginal Health Council of SA Open Day, King William Rd Unley 11am-3pm (dance performances, info, weaving, health checks, BBQ & more)
- * 9 July - 7 August The Taskforce Exhibition (recalling 40 years of tertiary education for Aboriginal & Torres Straight Islander People) Kerry Packer Civic Gallery 55 North Tce Adelaide weekdays 9am-5pm
- * 8-11th July NAIDOC celebrations in the Riverland (awards, lunch, art exhibition, entertainment, dreamtime stories, bush tucker) ph 8586 8700

For details on these events & others visit www.naidoc.org.au

It is also School Holidays so we have put together a few of the fantastic opportunities for kids & families nearby (see page 5) and don't forget the Clayton Bay Family Event Saturday 13th July 9.30am-2.30pm at the Clayton Bay Community Hall.
Hope to see you there!
Best Wishes, Amelia

The weekly links...

Exhibition at Signal Point

Photographic exhibition 'Time and Place' celebrates three generations of Ngarrindjeri women and their relationship to Hindmarsh Island at Signal Point 11am-4pm 7days week until July 21st.
www.countryarts.org.au/news/celebrating-3-generations-of-ngarrindjeri-women

Butterfly guide launched

A new South East butterfly guide has been launched to help identify and provide knowledge about butterflies in our region. Butterflies are a great indicator of the health of our environment and biodiversity; and spotting butterflies is a great activity for the kids.
<http://www.senrm.sa.gov.au/LinkClick.aspx?fileticket=OldX8MKY9PM%3d&tabid=2462&mid=5271>

Experts also confused about natural gas

Lots of debate at the moment about clean energy future...(perhaps the experts are also confused about the environmental attributes of natural gas)
<http://econews.com.au/news-to-sustain-our-world/scientist-gas-needs-role-in-cleaner-energy-sector/>

Greens say 90% renewable is achievable:

<http://econews.com.au/news-to-sustain-our-world/greens-say-90-per-cent-renewable-energy-%E2%80%98achievable%E2%80%99/>

Fleurieu Birdwatchers

Are happy to share their bird knowledge and bird watching skills with anyone interested in coming along on their outings, and if people want to join the club (after trying it out) it is \$25 per year for a couple or \$20 for individual. www.fleurieubirdwatchers.org or email fleurieubirds@gmail.com

Murray Darling Basin Authority Environmental Watering Priorities 2013-14

www.mdba.gov.au/what-we-do/environmental-water/environmental-watering-priorities

Reviving Aboriginal Culture in Victor

The public are invited to join in celebrations at the unveiling of a memorial plaque at Truslove Reserve Victor Harbor on Wednesday July 17th at 1.00pm to commemorate the work of Lutheran Pastor H.A.E. Meyer who opened the first school in Victor Harbor. The school was for Aboriginal children, and amongst the displays will be copies of early dictionaries and more recent books that have been produced that are helping with the revival of the Ngarrindjeri/Ramindjeri language. For more information contact 8552 3783

National Rabbit Management Facilitator appointed

With the worrying trend that rabbit numbers are again on the increase, the Victorian Department of Environment and Primary Industries, the Invasive Animals CRC and the Foundation for Rabbit Free Australia jointly announced the appointment of Dr Lisa Adams as the first National Rabbit Management Facilitator who will work to support community-led rabbit management. The position is also supported by the Australian Government through the Cooperative Research Program.

To assist landholders to better control wild rabbits, the Invasive Animals CRC has published the following guide, free to download:

<http://www.feral.org.au/pestsmart-glovebox-guide-for-managing-rabbits/>



Consultation on draft Adelaide and Mount Lofty Natural Resources Management Plan

Open until 2nd September 2013.

This plan is our vision for the region and a call to action for all of us - can you help to deliver the actions in the plan? Want to find our more? Come to one of our public information sessions:



Victor Harbor	23rd July	Country Women's Association Cnr. Crozier Rd & Torrens St	4 pm
Norton Summit	14th July	The Community Centre, 1 Crescent Dr	4pm
Willunga	25th July	The Hub, 1 St Peter's Tce	10am
Adelaide	30th July	The Zoo, Fig Tree Function Centre	8am
Two Wells	31st July	Two Wells Community Centre, Main Street	10am
Nuriootpa	31st July	Nuriootpa Sports & Function Centre, Penrice Rd.	4pm

RSVP 8273 9100 or email DEWNR.AMLRRSVP@sa.gov.au. Visit online www.amlrnrm.sa.gov.au

Plastic Free July 2013 Challenge

The challenge is quite simple. **Attempt to consume no single-use plastic during July.**

"Single-use" includes plastic shopping bags, plastic cups, straws, plastic packaging...basically anything that's intended only to be used once and then sent to landfill. If refusing ALL single-use plastic sounds too daunting this time, try the TOP 4 challenge (straws, plastic bags, plastic bottles & coffee cup lids).

For more info go to www.plasticfreejuly.org



DEWNR Volunteer News 'The Link'

Issue 82, of "The Link" July 2013 is now available online just follow this link:

www.environment.sa.gov.au/get-involved/Volunteering_with_DEWNR/Volunteer_news



Nominate your school for the NRM Education for Sustainability Awards.

These awards are an extension of the AuSSI-SA recognition process to highlight the

achievements of stand-out sites. They recognise and celebrate the efforts of preschools and schools across the state at embedding sustainability in their site culture. The awards are also a great opportunity to share your story of sustainability and receive recognition for your achievements.

Once submissions are confirmed by NRM Education staff, sites will receive a certificate of recognition and will be entered into the awards held in term four.

The application form, guidelines and the entries from last year's winners are available on the SA Education for Sustainability [moodle*](#). www.efsmoodlesa.net.au

For inquiries, contact [Cally Malone](#) (after 24 July) or [Matt Cattnach](#) via email or phone (8234 7255). You can also contact your local NRM officer for the recognition criteria and application form.

Nominations need to be sent to Cally by Friday 30 August.

New NRM Grants for Schools and Community Groups

Up to \$5,000 for community groups, small business & industry and up to \$1,500 for schools and kindergartens for projects that promote natural resources management values through educational or on-ground works activities. Applications close Friday 9th August for more information and application forms visit: www.amlnrm.sa.gov.au/Communityaction/Grantfunding.aspx

General enquiries: 8273 9126 or liz.millington@sa.gov.au

School enquiries: 8234 7255 or 0417 489 174 or matt@kesab.asn.au

Eastern Eyre Peninsula Parks Draft Management Plan out for Public Comment

The draft plan provides strategies for the ongoing protection and conservation of the natural and cultural values of the following Parks: Munyaroo Conservation Park, Ironstone Hill Conservation Park, Lake Giles Conservation Park, Malgara Conservation Park, Heggaton Conservation Park, The Pug Range Conservation Park and Sheoak Hill Conservation Park.

Two Priority management themes have been developed: *conserving biodiversity* and *working across boundaries*.

Community consultation closes Friday 30th August 2013. the Draft Plan is available online:

www.environment.sa.gov.au/haveyoursay/easterneyre-mgtplan

KESAB Enviro Calendar Competition

KESAB & Recyclers SA are calling on schools, community groups & councils to enter photos of innovative waste receptacles, bin art and creative signage with litter and recycling as the focus. Entries will be used to create a KESAB 2014 Enviro Calendar.

Prizes to be Won! Entries close Friday 27th September 2013 (end of Term 3)

communities @kesab.asn.au or post info: www.kesab.asn.au



Water and the SA Economy Hydrological Society of SA 1-day Symposium

The availability of good quality water is a critical to the economic prosperity of South Australia. This seminar will bring you up to date on with the latest thinking of a panel of eminent speakers covering urban, regional and rural scenarios. A keynote address will be provided by Karlene Maywald, Chairperson of the National Water Commission. Full registration \$180 includes hot lunch, morning & afternoon tea.

16th July SARDI Auditorium, Waite Campus, Urrbrae

For information phone Bob Newman 8382 2312 or 0439 821 742 or email bob.mewman@mcloudhouse.com.au

www.hydsoc.org

The History Spot - Crabs in the Coorong



CRABS IN THE COORONG

The illustrations presented with 'The Chronicle' this week are of a specially attractive and interesting character. Fishermen on the Coorong have now to combat another pest in the form of a small crab, resembling the common rock crab, which is such a voracious little creature that it will attack their feet if they stand barefooted in the water for a few minutes. The crab has only within recent years become established in the Coorong, the waters of which seem to be admirably adapted to its propagation, and at present the netting of large fish is practically a waste of time. When a fish becomes entangled in a net the commotion it causes in the water seems to attract the attention of the crabs, which immediately attack it in swarms. A fish which would have turned the scale at 12 lb. has been known to be reduced to a bare skeleton in less than an hour, every particle of flesh having been eaten off the bones. The consequence is that fishermen cannot leave their nets for any length of time, and the constant lifting of nets to see if there is anything caught results in frightening the great bulk of the fish away from the locality. Apart from that the crabs actually destroy the nets. Their legs and claws become entangled, and they eat through the twine to such an extent that sometimes a net which was in perfect condition when cast at night is full of large holes and fish, skeletons in the morning. A few weeks ago a well-known gentleman was in a boat on the Coorong, and he dropped three pieces of meat tied to strings overboard for five minutes, and when he pulled them up he caught 72 crabs with a hand net. This will convey some idea of the extraordinary number of the crustaceans there must be in the water, . . . "

CRABS AND BREAM AT THE COORONG.

The Register Adelaide 15th September 1909

Speaking of the visit of the Scottish, fishing delegates to the River Murray last week. Dr. W. Ramsay Smith, who accompanied them, mentioned the following incident:— 'At Goolwa some of the fisher men spoke to us about the disappearance of the bream from certain parts of the Coorong, and the prevalence concurrently of an enormous number of crabs. They asked for a cure for the crabs, and said a fortune awaited any one who could explain the cause of their presence. One of the delegates ventured a suggestion that sounded too scientific for them, so we stated the problem in common language, and told them to consider these points (1) whether the disappearance of the bream was any thing different from what we found at home — that certain species of fish would disappear all at once and not be seen again for 10, 20, or 50 years, and that they would return in a single night in immense numbers as inexplicably as they disappeared; (2) whether there was any evidence that the crabs ever attacked a live bream, or whether their voracity was expended upon fish caught by the line or in the net; (3) whether the crabs and the bream competed for the same sort of food; (4) whether the immense numbers of (Tabs might not be due to the fact that the bream when present might live upon the crabs' eggs. These suggestions seemed to cast an entirely new light upon the question. Nobody could tell us what the bream ate. or what the crab ate, or whether the bream ate the crabs' eggs, but they all seemed to allow that it was foolishness to suppose that a crab ever attacked a living bream, much less ate one. Instead of collecting material to solve the problem these fishermen have been sitting with their hands in their pockets waiting for some one to tell them what was good or bad for crabs according to the point of view from which they looked at it.

THE REGISTER.

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LOCAL SCHOOL HOLIDAY ACTIVITIES

- **Turtle Shed**

Daranda Tce Milang (on school campus) open for groups by appointment only phone Amanda 0417 085 841

- **Whale Centre** www.sawhalecentre.com

- **Monarto Zoo** www.zoossa.com.au

- **Port Milang Historic Railway Society**

Tourist Information & Devonshire Tea Sunday & Public Holidays 11am-4pm

- **Cheeky Ratbags Play Café Adelaide Rd Victor Harbor** 8552 1277

- **National Parks** - find & visit a park you have never been to... check out the Parks website: www.environment.sa.gov.au/parks/Find_a_park

Cockle Train

Daily from 7-21st July
(depart Goolwa 10am 12.15 & 2.45pm, depart Victor 11am 1.30 & 3.45pm)
ph 8555 2691 or
www.steamranger.org.au

Hip Hop Workshop 10-13y.o.

Mt Compass School 10th July 10am

Imagination Playground up to 10y.o. Goolwa Library 15-17th July 9-11.30am

Sponge kids art hub activities workshops
Signal Point July 10-12th 10am-2.10pm
Ph 8555 7289

Cirkids Youth Circus

free workshops for 8-13 year olds
July 9-12th a. Performance 12th July 7.30pm \$10 Centenary Hall
Info & bookings Goolwa Visitor Information Centre 1300 466 592
www.visitalexandrina.com

Goolwa & Strath Library Holiday Program bookings phone 8555 7000

Art, craft, dance, youth circus, NAIDOC week events, skate workshops & competitions & more! www.alexandrina.sa.gov.au

Investigator College presents Disney's Mulan
4th, 5th & 6th July www.investigator.sa.edu.au

Upcoming Events and Training Opportunities



**CLAYTON BAY
OUR COMMUNITY IN ACTION!
FAMILY EVENT**

Saturday July 13th 2013
9:30am-2:30pm

Clayton Bay Community Hall,
Alexandrina Drive, Clayton Bay

Plenty of fun activities for the whole family including:

- OPAL Brekky Fender Blender
- Huge Mobile Playground
- Paint and Plant a Pot
- Spinning
- Pasta Making
- Bobbin Lace Making
- Bocce
- Embroidery
- Carpet Bowls
- Lunch prepared by CFS
- Afternoon tea available
- Music and more.....

Come along and try or observe, relax and chat with others whilst enjoying a cup of tea/coffee.

Opal

Proudly organised by The Clayton Bay Community Association Inc and supported by Alexandrina Council.

For more information contact:
Pat Smythman on 8537 0506.

Boat Licence

The Lakes Hub and Meningie Sailing Club is organising an evening course for community members to gain their boat licence or special permit (under 16 years).

When: Thursday July 25th

At 6.30pm for 7.00pm start

Where: Meningie Sailing Club

Identification Required on the night

Bookings required by 18th July:

Meningie Lakes Hub 08 85751830

Meningie Area School office 08 85751106

Maximum of 30 people



Annual General Meeting



Finmiss Catchment Group Inc.

**Saturday, 27th July 2013 at 10.00 a.m.
Uniting Church Hall, Finmiss**

*Reports from the Chair, Treasurer, WaterWatch, On-ground works, FCG Cow Shed Nursery

*Election of Committee

***Guest Speakers: David and Cherry Macklin**
"Setting up a Sanctuary for Native Animals"

All Welcome.

For further information phone Sally on 0428 441 978

Natural Playgrounds - A workshop to help you expertly naturalise your outdoor space

Wednesday, 31 July 2013 1—4.30pm Murray Bridge Council – 2 Seventh Street, Murray Bridge
Presented by Adam Bienenstock

Adam is an award winning consultant on design, construction, policy, risk and regulatory process for connecting children to nature in our cities –

www.naturalplaygrounds.ca

Please RSVP by July 19th to: Raini Nailer–
raini.nailer@alexandrina.sa.gov.au

\$30 For further information phone 8555 7086

This session is designed specifically for Local Government staff working in the following areas: Parks & Gardens, Open Spaces, OH&S, Planning & Infrastructure, Asset Management.

On the Level

Lake Levels (AHD)

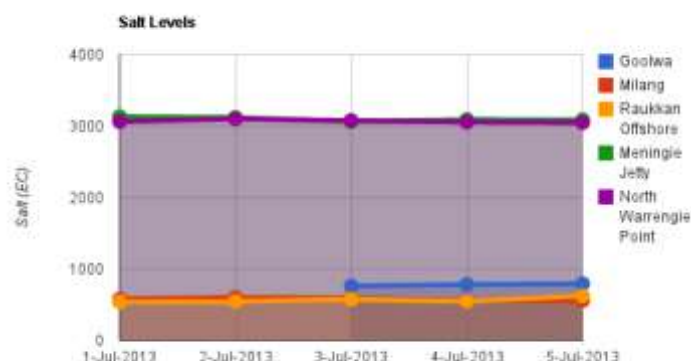
Date	Goolwa	Milang	Raukkan Offshore	Meningie Jetty	Nth Warrengie Point
1-Jul	0.56	0.562	0.578	0.632	0.653
2-Jul	0.558	0.558	0.582	0.644	0.675
3-Jul	0.586	0.563	0.583	0.611	0.716
4-Jul	0.525	0.498	0.598	0.758	0.75
5-Jul	0.478	0.506	0.568	0.742	0.692
Average	0.541	0.537	0.582	0.677	0.697

Salt Levels (EC)

Date	Goolwa	Milang	Raukkan Offshore	Meningie Jetty	Nth Warrengie Point
1-Jul		580	540	3131	3063
2-Jul		599	546	3120	3101
3-Jul	761	590	574	3063	3077
4-Jul	782	556	546	3091	3056
5-Jul	793	559	623	3087	3048
Average	779	577	566	3098	3069

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.waterforgood.sa.gov.au), [River Murray Storage Data](http://www.waterforgood.sa.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.

July 2013	
9	July 7th - 14th NAIDOC Week www.naidoc.org.au
10	
11	World Population Day www.unfpa.org (7 billion in 2011)
12	
13	Clayton Bay Community Event 9.30am - 2.30pm phone 8537 0506 Orange Bellied Parrot ID workshop Narrung Education Centre 10am ph 0407 649 909
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	Lake Albert Scoping Study Talking Heads Meningie Hub 3.30-5.30pm ph 8575 1830
24	
25	Boat Licence Course Meningie Sailing Club 6.30pm ph 8575 1830 or 8575 1106
26	Schools Tree Day www.treeday.planetark.org/schools
27	Finniss Catchment Group AGM Uninting Church Hall Finniss 10am ph Sally 0428 441 978
28	National Tree Day www.treeday.planetark.org Milang Historical Society Museum open 1-4pm admission \$5 includes coffee & cake or Devonshire tea ph 8537 0017
29	
30	
31	NRM Education Workshop 'Natural Playgrounds' Adam Bienenstock Murray Bridge 1-4.30pm ph 8555 7086
August 2013	
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Disclaimer

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In addition, the existence of a link to another site or resource does not constitute a recommendation or endorsement of that site or resource. The Lakes Hub does not accept responsibility or liability for any information at any of the sites linked to from this Bulletin.

If you feel a link description, site, piece of advice or anything else mentioned here is inappropriate, do [let me know](#) and I will endeavour to correct it where necessary.