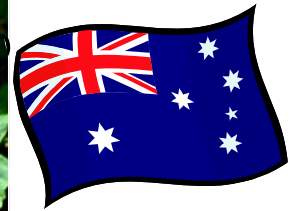




\$2.00

# The Atoll

Thurs 1st Sept 2016 - Wed 14th Sept 2016



## Cocos (Keeling) Islands

The Cocos (Keeling) Islands comprises of 27 coral islands forming two atolls, situated 2768km NW of Perth and 3685km due West of Darwin, is an isolated speck in the Indian Ocean.

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Quarter Page <i>Suku Kertas</i>	\$10.00
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Full Page <i>Penuh Kertas</i>	\$50.00

You can subscribe to The Atoll electronically by contacting:  
[cocosislands@crc.net.au](mailto:cocosislands@crc.net.au)

### Cocos Snapshots

### Gambaran Cocos





Administration Building (PO Box 1039)  
 Cocos Keeling Islands WA 6799  
 P: 08 9162 7707 F: 08 9162 7708  
 E: cocosislands@crc.net.au  
 W: www.cocos@crc.net.au  
 Like us on Facebook  
 Follow us on Twitter

**Rainfall Stats**

Aug Statistics  
 (latest up to 31 Aug):  
 47.00 mm

Latest 2016 Statistics:  
 (latest up to 18 Aug)  
 1878.00 mm



**LATEST WEATHER**

<http://www.bom.gov.au/climate/dwo/IDCJDW6027.latest.shtml>

**TOWARDS ZERO WASTE**

The Cocos Islands CRC hosted a Business Buzz with Keep Australia Beautiful WA and Department of Environment Regulation on Monday 29th August to discuss how we can reduce our waste on Cocos Keeling Islands.

Thank you to everyone who came along to this event - it was great to see the results from the recent CKI Waste Management Survey and to further discuss as a community on how we can reduce our waste, particularly plastics.

The Cocos Islands CRC, along with the Indian Ocean Territories Health Service now accept any oral health care waste which is collected and sent back to the mainland for recycling! Toothbrushes, toothpaste tubes, floss containers and packaging is recycled and used to make things such as seating, bins and other useful items. How great is that for our environment?

We will also be assisting the Shire by installing an E-Waste Bin in store to allow the community to recycle old mobile phones/batteries, household batteries and computer equipment such as keyboards and mouses. These will then make their way to the recycling station on West Island to await shipping back to the mainland for recycling. Home Island will also have an E-Waste Bin available for even more recycling!

We also recycle our toners and drum units through the "Close the Loop" programme and are happy to accept your used ink cartridges and toners if you would like to drop them in.

Don't forget you can also pick up your FREE Keep Australia Beautiful shopping bags, roadside rubbish bags and car litter bags from us!

**Emergency Contact List**

AFP	91626600
VHF	Ch20
IOTHS WI Clinic	91626655
IOTHS HI Clinic	91627609
	VHF Ch24
DFES HI	91627788
DFES WI	91627777
VMRS	0406329056
	VHF Ch20
Shire HI	91626649
Shire WI	91626740
Watercorp	91626722

**Thumbs Up**

- 👍 To the Shire workers for looking after the newly planted trees on Sydney Highway
- 👍 To everyone who wants to reduce waste on Cocos Keeling Islands



**E-WASTE RECYCLING**



**Close the Loop**



Proudly supported by



Department of Regional Development and Lands

Feel free to email your thumbs up to:

[communications@cocos.wa.gov.au](mailto:communications@cocos.wa.gov.au)



Administration Building (PO Box 1039) Cocos Keeling Islands WA 6799

P: 08 9162 7707 F: 08 9162 7708 E: cocosislands@crc.net.au W: www.cocos@crc.net.au

## LOVE YOUR COFFEE? WANT TO BE MORE ENVIRONMENTALLY FRIENDLY?



The Cocos Islands CRC are seeing expressions of interest from the community to place a bulk order of coffee pods that are 100% Biodegradable, 100% Compostable, 100% Made from Vegetable and are suitable for Nespresso and other popular machines!

**Nespresso pods can take centuries to break down in landfill.  
Community Pods break down in as little as 6 months!**

Not only are they cost effective and absolutely fantastic for the environment BUT for each pod sold 10c will be donated to a nominated charity. It doesn't get much better!

Please visit [www.communitypod.com.au](http://www.communitypod.com.au) to view the variety of pods for sale and then please email us to indicate what you would like to order. We will then be able to work out bulk postage which is going to save you even more money!

The team at Cocos Tropical Foods are more than happy to collect or receive your used pods to use them in their compost at the farm.

  
**community pod**  
coffee that gives

Proudly supported by



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# 2016 PHOTO COMPETITION

We all know how easy it is to take a stunning photograph here on Cocos Keeling Islands, so here is your chance to enter your photo in our 2016 Competition.

To enter, simply email or drop your high resolution photo (1MB or larger) to the Cocos (K) Islands Community Resource Centre on West Island.

**CLOSES TUESDAY 30th SEPTEMBER 3.00pm  
OPEN TO RESIDENTS AND VISITORS!**

All photos submitted will be displayed in the Community Resource Centre during the month of October. Both residents and visitors are encouraged to vote for their favourite photo (one vote only per person).

All photos will appear in our 2017 Cocos Islands Calendar and you will also have the opportunity to get paid commission if you wish for your photo to be available for sale on canvas!

## Prizes:

- 1st Prize: A1 framed canvas print and \$100 gift voucher**  
**2nd Prize: A2 framed canvas print and \$50 gift voucher**  
**3rd Prize: A3 framed canvas print and \$25 gift voucher**

Administration Building (PO Box 1039) Cocos Keeling Islands WA 6799  
P: 08 9162 7707 F: 08 9162 7708 E: [cocosislands@crc.net.au](mailto:cocosislands@crc.net.au) W: [www.cocos@crc.net.au](http://www.cocos@crc.net.au)

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## Indonesian TV

In June 2013, a notice was distributed to the Home Island community that explained the digital tv switchover. The notice also included an explanation as to the provision of the Indonesian TV. It stated that:

*"In respect to the provision of Indonesian TV to households, the Shire's previous equipment will become obsolete however, as long the service remains operational residents will continue to receive the channels but it must be reiterated that when the equipment fails, it will not be repaired due to the failing cabling that feeds this service and the exorbitant repair costs. Residents wishing to continue to receive Indonesian TV are encouraged to erect satellite dishes with their own receivers."*

The equipment has now failed and the Shire therefore encourages those wishing to continue to receive Indonesian TV to consider erecting their own satellite dish.

*Pada June 2013, sebuah notis dibagi kepada masyarakat Home Island yang menerangkan berkenaan pemindahan ke digital tv. Notis ini juga mengandungi keterangan berkenaan penentuan Indonesian TV. Diterangkan bahawa:*

*"Berkenaan penentuan Indonesian TV ke rumah-rumah, pekakas Shire akan menjadi ketinggal zaman tetapi selagi serbis ini berjalan, penduduk-penduduk akan terus menerima channel-channel ini, tetapi bila masanya pekakas ini rusak, ia tidak akan dibetulkan bersebabkan cabling yang terlalu buruk yang memberikan serbis kepada tv ini dan untuk diperbetolkan ongkosnya terlalu tinggi. Penduduk yang ingin terus mendapat Indonesian TV disokong untuk mendirikan satellite dish dengan receiver mereka sendiri. "*

*Pekakas ini sekarang telah rusak dan justeru itu Shire menyokong sesiapa yang ingin meneruskan untuk mendapat Indonesian TV untuk pertimbangkan mendirikan satellite dish mereka sendiri.*

Aaron Bowman

Chief Executive Officer

How can I  
recycle my  
oral care waste?

Be part of the  
Colgate Oral Care Brigade.

Take any of these  
accepted oral care  
items to the CRC or the  
Clinic for collection to  
be sent for recycling.



Government of Western Australia  
Department of Environment Regulation



Keep  
Australia  
Beautiful  
WA



Cocos (K) Islands  
Community Resource Centre  
Your local connection

## General Tips

Every little bit is a step to help save the earth. Can also save you money too.

- 1. Don't Rinse** - Skip rinsing your plates before putting them into the dishwasher. In average you will save 15 gallons of water per load. Plus, you will save time.
- 2. Hang Outside to Dry** - Get a cloths line or rack to dry your clothes.
- 3. Turn off computers at night** - you will save an average of 4cents/day = \$14.60 a year.
- 4. Use Both Sides of Paper** - You will save half of the amount of paper.
- 5. Get rid of baths** - You will in average save about half the amount of water that you would if you were taking a bath.
- 6. Don't get bottled water** - Instead of bottled water get a reusable container to carry water.
- 7. Turn the water off when you brush** - You will save 4 gallons of water doing this alone.
- 8. Shorten your shower** - Every minute you cut from your shower is roughly 5 gallons of water.
- 9. Recycle Glass** - If you do not recycle this, it will take a million years to decompose.
- 10. Don't Pre-Heat the Oven** - unless needed, just turn the oven on after you put the dish in it.
- 11. Use Warm or Cold Setting on Washer** - instead of the hot cycle use the warm or cold setting. This will save a lot of energy a year.
- 12. Turn Down your Thermostat** - Every degree lower in the winter or higher in the summer you put it is a 10% decrease on your energy bill.
- 13. Turn off your lights** - The benefits are obvious.
- 14. Get rid of junk mail** - It will lead to a lot less trees being cut down to take up room in your mailbox.
- 15. Use Matches instead of lighters** - You can use the cardboard matches which are much more eco-friendly because they are made of recycled material.
- 16. Don't get a paper phone book** - Use a online directory instead.
- 17. Give things away** - Take things that you are not going to wear or use and give it to a charity or someone who will use it.
- 18. Go to a car wash** - Going to a car wash is a lot more water efficient then washing your car at home.

More tips in next edition...

# Plastic Bottle Reduction Community Awareness Event



## FANTASTIC EFFORT EVERYONE

Despite the unexpected turn in the weather we had a good turn out to this first community awareness event on Saturday 27th of August on Home Islands.

The afternoon was jam packed with interesting facts, good company, great social atmosphere and fantastic FREE give away. Participants were given an exclusive tour of the Home Island De-Salination Plant, engaged in a very productive 30 minute cleanup and served with important facts about the importance of reducing use of plastic bottles.

DID YOU KNOW...Here are some amazing facts about our Desal plant;

- Salt water is pumped from bores near Turtle Beach that are 15 to 20 meters deep.
- The salt water is piped to the Water Treatment Plant site where the De-Sal (SWRO) is located.
- The seawater reverse osmosis (SWRO) plant is designed to produce 200,000 litres of water a day. On an average day Home Island uses about 120,000 litres per day but this does increase on weekends and during special events. The plant is required to run for about 14 hours each day to meet the water demand for Home Island.
- Reverse osmosis process removes salt and impurities from the water by passing the water through a semi-permeable membrane – the water can pass through the membrane but the salt and impurities stay on the other side producing very high quality drinking water.
- To put it in perspective 1 grain of sand is about 90 microns and a human hair is 50 to 70 microns thick. The salt water is passed through a 5 micron to 1 micron filter.

Participants were asked to sample as part of a water tasting test of their preference to rain, tap and purchased bottled water to which they had no clue which jug contained what type. The tap water produced by the SWRO plant came out as clear winner in comparison to only three people preferring the purchased bottled water.

Thank you to:

- Trish, Rohan, Maureen and Sam for sharing your knowledge of expertise.
- The girls of Cocos Islands Youth Council for cooking the sausage sizzle lunch
- Shire Councillors Pirus & Iku for your attendance and support
- HISRA for the marquee
- Most importantly the participants

Thinking about the animals, environment and MONEY you can save by NOT buying bottled water from the shops!



### Quote of the Day

"If you want children to keep their feet on the ground, put some responsibility on their shoulders." - Abigail Van Buren

### Thought for the Day

"There is no such thing as a failed experiment, only experiments with unexpected outcomes." - Richard Buckminster Fuller

### Jokes of the Week

A man walks into a bar and orders a drink. Then he notices there are pieces of meat nailed to the ceiling of the bar so he asks the barman what they are for.

The barman replies, "If you can jump up and pull one of them down you get free beer all night. If you fail, you have to pay the bar £100. Do you want to have a go?"

The man thinks about it for a minute before saying, "Nah, the steaks are too high!"

An old guy in his Volvo is driving home from work when his wife rings him on his cell phone.

"Honey," she says in a worried voice, "please be careful. There was a bit on the news just now, some lunatic is driving the wrong way down the highway."

"Oh it's worse than that," he replies, "there are hundreds of them!"

Man to his wife: "Do you know what our 6 year old son wants to be once he's big?"

Wife: "No."

Man: "A garbage man. And you know why?"

Wife: "No, why?"

Man: "Because he thinks they only work on Tuesdays."

A boy breaks on old vase at a rich uncle's house.

The uncle gets extremely angry and yells: "Do you even know how old the vase was? It was from the 17th century!"

The boy sagged in relief: "Oh, good that it wasn't new."

### Cocos (Keeling) Islands News (cont'd)

### Berita Pulu Cocos (Keeling) (seterusnya)

The Social Work Service is available to the community, family and individuals and can provide assistance, intervention and/or information on a range of issues including:

- Parenting
- Family and Domestic Violence
- Advocacy to support individuals & Families
- Counselling
- Mediation
- Loss & Grief
- Family Situations
- Separation and Divorce
- Financial Problems
- Addiction
- Centrelink

*{The Social Work Service can provide short-term or long-term counselling and family support services, assist to identify options, and provide information about government or community support services.}*

The office is based on Christmas Island and the Social Worker can be contacted on 9164 7829 or 043 9215 346 or via [Social.Worker@infrastructure.gov.au](mailto:Social.Worker@infrastructure.gov.au)

Val Coleman, Snr Social Worker comes to Cocos Island every 6 weeks and is based in her office next to the Post Office. The number is 9162 7621. Please feel free to make an appointment. Pamphlets are also available in Malay.

## NEXT VISIT 20—29 September 2014



# SUN 18 SEP ANNUAL FETE & AUCTION

The annual Fete/Auction is the primary fundraising event that the P&C conducts. The P&C uses the funds raised to support a range of activities including but not limited to:

- Year 5/6 & 9 & 10 Perth Camp,
- Subsidized book lists,
- Freight for book lists,
- School leavers gifts, and
- Swimming lessons.

*If you have goods or services you would like to donate for auction donations can be delivered to the West Island or Home Island School Campus office.*

\*\*\*Please bring along cash or cheque as payment is required on the day. For items won at auction of significant price, electronic transfer can be accepted the following day. Please note goods can't be taken prior to payment.

\*\* Anyone with outstanding debts to the P&C will not be allowed to bid at the auction.



**Cocos Islands  
District High School  
P&C Inc.**

**Make your own  
melamine plate**

**Purchase the  
students handmade  
re-useable bags**

---

**Kids artwork for  
sale, food stalls,  
pre-loved books  
stall, coffee, cake  
stall, slushies,  
crèche, fairy floss,  
activities for the  
children and the  
auction!**

Email queries to:  
[cidhs.pandc@gmail.com](mailto:cidhs.pandc@gmail.com)

Ferry Service:  
**9am Depart WI  
3pm Depart HI**



### Community Waste Survey

Thanks to those who attended the CRC Business Buzz this week to learn more about the outcomes of the Community Waste Survey. It's clear there are a lot of passionate people on Cocos who care about the environment with many suggestions put forward on how to manage particular items. These results and feedback have been shared with the Shire.

#### Survey snapshot:

- 58 respondents.
- 65% from West Island, 35% from Home Island.
- 50% had lived on CKI for 11 years or more.
- Top two waste streams the community want to see action on are plastic bottles and plastic bags.
- The majority saw a clear connection with waste and environmental impacts and believed recycling was important.
- Many believed more community education around waste and recycling was needed.
- Many responded that they would be willing to educate others on the issues, participate in events to raise awareness and be waste champions.

**Congratulations Gavin Williams who wins the \$50 voucher for participating in the survey.**

**What's next?** The DER/Keep Australia Beautiful team will be working with interested community members and the Shire to address some of the issues raised. Look out for waste champions we will be featuring in future editions of the Atoll and consider how you and your family can get involved.



Government of Western Australia  
Department of Environment Regulation



Keep Australia Beautiful  
WA

### How can you reduce waste?



**IOGTA Job Seekers are helping to spread the waste reduction message on Home Island. The DER/Keep Australia Beautiful Community Education team got the ladies talking about the impacts of plastics on the environment and how we can all help to move towards zero waste.**

**Look out for the beautiful re-usable bags they made and ask the Job Seekers to make a bag for you!**



Government of Western Australia  
Department of Environment Regulation



Keep Australia Beautiful  
WA

### How can you reduce waste?

**Did You Know???**

Guinness Book of Records holds the record for being the book most often stolen from Public Libraries.

**Cocos Malay Words**

- Dining table - *Meja makan*
- Chair - *Korsi*
- Plate - *Piring*
- Glass - *Mangkok*
- Spoon - *Sendok*
- Fork - *Garpuh*
- Knife - *Piso/Pisau*
- Food - *Makanan*
- Desert - *Bilasan*
- Drink - *Ayer minum*

**Graham's a compost king.  
He uses food waste to  
produce nutrient-rich  
compost to grow  
delicious vegetables.**



**How can you reduce waste?**



Government of Western Australia  
Department of Environment Regulation



Keep Australia Beautiful  
WA

*Connect To The New NBN Sky Muster Satellite*  
Order Now From The Satellite Experts Activ8me.

**15GB**  
**\$39.95**  
MONTH

**CALL 13 22 88**



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OFF-ROAD 2WD AND 4WD



## Recent research by Fisheries scientists reveals state of marine environment at the Cocos (Keeling) Islands

For several years, Department of Fisheries' Marine Ecology and Monitoring scientists have been studying coral reef health and marine invertebrates (animals without backbones), including clams, sea cucumbers and gong gong at the Cocos (Keeling) Islands. They have just published their most recent scientific report detailing the research undertaken at the Cocos (Keeling) Islands from 2010 to 2014. Some of the key findings documented in the report are:

### CORAL REEFS

There was a significant (hard coral cover was reduced by ~40%) coral die off event within the southern atoll lagoon between 2012 and 2013, possibly due to a record high rainfall event (large amounts of freshwater are known to cause coral reef mortality). High water temperature does not seem to have been a factor in the recent coral mortality. The healthy coral community on the outer reef was not affected.

### GONG GONG

The number of gong gong (*Lambis lambis*) continues to decrease. In 2014 the Department of Fisheries scientists surveyed gong gong at a total of 40 sites in the southern lagoon. The mean density (abundance) of gong gong found in 2014 was 415 individual gong gong per hectare, which is lower than in previous Department of Fisheries surveys undertaken in the period 2008 – 2011. In 2014 the Department surveyed three sites that were surveyed by another researcher in 1992. At these three sites the density of gong gong in 2014 was 94% lower than in 1992. Gong gong have been identified as one of the most at risk species to overfishing in the Cocos (Keeling) Islands.

### GIANT CLAMS

Only one species of giant clam (*Tridacna maxima*) was found in recent surveys, with two species previously found (*T. gigas* and *T. derasa*) now thought to be locally critically endangered or extinct. The clams in the lagoon may also have been affected by the same environmental factors that killed the coral between 2012 and 2013. The no-take area of 'The Rip' recorded the highest density of giant clams and had the highest proportion of mature adults (150-200mm size).

The Department of Fisheries WA (the Department) manages the fish and fish habitat resources of the Indian Ocean Territories, for the benefit of the people of Christmas and Cocos (Keeling) Islands, on behalf of the Australian Government. One of the services the Department provides is Science and Resource Assessments, which is prioritised based on risk to the sustainability of fish stocks or fish habitats. There are two groups that are responsible for these assessments: the Marine Ecology and Monitoring group (who carried out the above report) and the Finfish group, who focus on local finfish species. Results from these studies are then used by fisheries management to ensure there are *fish for the future* for the local community.

The lagoon and reefs at Cocos (Keeling) Islands are influenced by many factors, including environmental events (like cyclones and warmer water) and people (through activities like fishing). The scientists have not seen much change on the outer reefs but inside the lagoon (where the gong gong and clams live); there has been a significant loss of these species, as well as hard corals. The research report recommends that the Department continues to monitor the marine environment at Cocos (Keeling) Islands, as well as the invertebrates that rely on this environment.

For a copy of the full research report, please see 'Related information' on: [www.fish.wa.gov.au/IOTs](http://www.fish.wa.gov.au/IOTs) OR [www.fish.wa.gov.au/About-Us/Publications/Pages/Fisheries-Research-Reports](http://www.fish.wa.gov.au/About-Us/Publications/Pages/Fisheries-Research-Reports).

You can view a hard copy of the report at the Community Resource Centre on West Island and the Shire office on Home Island.

Also, look out for future Atoll articles and summarised versions of the report in Cocos Malay, detailing more of the findings from this research.

Any enquiries regarding this research can be directed to Scott Evans on [Scott.Evans@fish.wa.gov.au](mailto:Scott.Evans@fish.wa.gov.au) or (08) 9203 0183.





Government of Western Australia  
Department of Fisheries

## Penyelidikan terbaru oleh scientists Fisheries menunjukkan keadaan alam sekitar lautan di Pulu Cocos (Keeling)

Untuk beberapa tahun, scientist Department of Fisheries' Marine Ecology and Monitoring telah menyelidik kesihatan batu karang dan binatang-binatang lautan invertebrates (binatang-binatang tanpa tulang belakang), termasuk kima, teripang dan gong gong di Pulu Cocos (Keeling). Mereka telah mengeluarkan laporan scientific baru yang menerangkan penyelidikan yang telah dijalankan di Pulu Cocos (Keeling) dari 2010 hingga 2014. Separuh pendapatan yang diterangkan dalam laporan adalah:

### BATU KARANG

Ada kekurangan batu karang yang mati (batu karang keras berkurangan ~40%) bersebabkan kejadian ayer busuk disebelah selatan lagoon pada 2012 dan 2013, berkemungkinan disebabkan oleh kebanyakan hujan (kebanyakan ayer tawar biasanya membunuh batu karang). Suhu ayer yang tinggi tidak nampak yang membunuh batu karang. Masyarakat karang yang sihat disebelah luaran tidak terganggu.

### GONG GONG

Jumlah gong gong (Lambis lambis) terus berkurangan. Dalam 2014 scientist Department of Fisheries survey gong gong di 40 tempat semuanya disebelah selatan lagoon. Jumlah "mean density" gong gong yang didapati pada 2014 berjumlah 415 gong gong setiap hectare, yang menunjukkan kekurangan dibandingkan dengan survey yang dibuat oleh Department of Fisheries pada masa 2008 - 2011. Dalam 2014 Department survey tiga tempat yang disurvey oleh seorang researcher lain di 1992. Disemua tiga tempat ini jumlah lebarnya gong gong di 2014 kekurangan hingga 94% daripada 1992. Gong gong telah ditandakan sebagai salahsatu jenis yang paling besar risiko untuk diambil berlebihan di Pulu Cocos (Keeling).

### KIMA BESAR

Hanya satu jenis kima besar (*Tridacna maxima*) didapat dalam survey kebelakangan ini, dengan dua jenis yang dahulunya didapat (*T. gigas* dan *T. derasa*) sekarang dipertimbangkan sangat berkurangan atau kehabisan. Kima dalam lagoon mungkin terganggu oleh fakta alami yang membunuh karang pada 2012 dan 2013. Kawasan yang dilarang ambil kima sebelah Arus Les dilaporkan untuk mempunyai jumlah lebat kima besar dan mempunyai bahagian kima dewasa yang tinggi

jumlahnya (150-200mm size).

Lagoon dan baria batu karang di Pulu Cocos (Keeling) terganggu oleh banyak fakta-fakta, termasuk cuaca alami (seperti seklon dan ayer angkat) dan manusia (melalui pemancingan). Scientists tidak melihat petukaran yang banyak di baria luaran tetapi didalam lagoon (dimana gong gong dan kima tinggal); ada banyak kekurangan jenis-jenis ini, termasuk batu-batu karang. Laporan penyelidikan ini menasihati Department untuk meneruskan menjaga alami lautan di Pulu Cocos (Keeling), termasuk 'invertebrates' yang bergantung dengan alami ini.

Untuk salinan laporan penyelidikan yang penuh, silahkan memeriksa 'Related information' di: [www.fish.wa.gov.au/IOTs](http://www.fish.wa.gov.au/IOTs) OR [www.fish.wa.gov.au/About-Us/Publications/Pages/Fisheries-Research-Reports](http://www.fish.wa.gov.au/About-Us/Publications/Pages/Fisheries-Research-Reports).

Kamu boleh lihat salinan laporan ini di Community Resource Centre di Pulu Panjang dan opis Shire di Home Home Island.

Juga, perhatikan majalah-majalah di Atoll untuk ringkasan daripada laporan ini dalam bahasa Melayu Cocos, yang menerangkan pendapatan yang lebih daripada penyelidikan ini.

Segalah pertanyaan berkenaan penyelidikan ini boleh dikemukakan kepada Scott Evans di [Scott.Evans@fish.wa.gov.au](mailto:Scott.Evans@fish.wa.gov.au) atau (08) 9203 0183.



The Department of Fisheries WA (the Department) manages the fish and fish habitat resources of the Indian Ocean Territories, for the benefit of the people of Christmas and Cocos (Keeling) Islands, on behalf of the Australian Government. One of the services the Department provides is Science and Resource Assessments, which is prioritised based on risk to the sustainability of fish stocks or fish habitats. There are two groups that are responsible for these assessments: the Marine Ecology and Monitoring group (who carried out the above report) and the Finfish group, who focus on local finfish species. Results from these studies are then used by fisheries management to ensure there are *fish for the future* for the local community.

For Sale

\$10,500 ono



### 1993 4WD Toyota Land Cruiser

Petrol New Exhaust Tow Bar  
Air Conditioner Radio Great to Drive  
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- Cocos Registration

**\$11,000**

Contact Jimmy: 9162 6770

### Boat for Sale

*Freedom Escape*



- 115HP 2 Stroke Yamaha
- Half Cabin
- GPS & Sounder
- VHF&HF Radios
- 5.3m Fibreglass
- Good Condition
- Navigation Lights
- Trailer
- Cocos Registration
- 80L Fuel Tank

**\$24,000**

Contact Jimmy: 9162 6770

### Boat for Sale

*3.7m Aluminium Quintrex Tinny*



- 15HP 2 Stroke Yamaha
- Padded bench seats
- Fold down seat at front
- Sounder
- Oars
- 3.7 Aluminium
- Good Condition
- Navigation Lights
- Trailer
- Cocos Registration
- 22L Fuel Tank

**\$7,000**

Contact Jimmy: 9162 6770

## Family law – important things if you are separating – wills and spousal maintenance

These are short articles about legal issues that may interest you. They are not legal advice. You should always get individual legal advice for your situation.

Very important matters if you are separating from your partner are spousal maintenance and your will.

### Spousal maintenance

A formal marriage, or a de facto marriage, each create a legal responsibility for each party to financially support the other party. When people separate or divorce, that responsibility does not automatically stop. It can continue until the other person can support herself or himself financially, or remarries.

If orders are made by the Family Court requiring one person to support their ex-partner financially, even though they have separated, this is called spousal maintenance.

The Court will only make an order for spousal maintenance where one person is unable to support themselves (they cannot work due to their age, or a physical or mental impairment, or they have a low income, or they want to do parenting) AND the other party has the financial capacity to support them.

The Court will look at a number of factors in deciding whether to make an order for a person to be paid spousal maintenance:

- does the person have a child under 18 years in their care and control?
- is the person unable to get employment because of their age, or physical or mental incapacity?

any other adequate reason (and the Court will look at a number of factors here, called the s75(2) factors). These include:

- the ability of each person to get work
- each person's income, property and financial resources
- the liability to pay child support
- the need to protect a person who wants to continue their parenting role
- if paying spousal maintenance will allow the person receiving it to increase their earning ability by allowing them to undertake training or start a business
- the eligibility for pensions or benefits the health and ages of each of each person
- whether either person has children in their care, or are responsible for supporting someone else
- the length of the relationship and whether it has affected the ability to work of the person applying for spousal maintenance
- if either person is living with another person, the financial circumstances of that arrangement (eg a new partner who might be financially supporting the person applying for spousal maintenance)
- what is a reasonable standard of living for each person
- if the person applying for spousal maintenance has contributed to the earning capacity of the other person (eg a wife who worked as a cleaner to support her husband whilst he studied to become an accountant)
- any other matter thought to be relevant.

You can apply for spousal maintenance up to one year after your divorce if you were formally married, and up to 2 years after you separate if you were in a de facto marriage.

If you need to apply for spousal maintenance beyond these limitation periods, you need to apply for special permission of the Court, called "leave." It is in the Court's discretion as to whether it will allow you to apply out of time. You should always apply within the time limit unless there are very good reasons for you not doing so.

### Separating and divorcing and wills

#### Formal marriage

If you have made a will and then **separate**, your will is not cancelled. This means that if you have left property to your spouse in your will and no longer wish your spouse to inherit you must make a new will.

If you have no will, and are still married, even though separated, and you die, your spouse will be entitled to a share of your estate under a formula in the *Administration Act 1903* (WA)(CI). You will need to make a will if you wish to prevent this, but remember it will be cancelled when you divorce, unless made in contemplation of the divorce.

#### De facto marriage

If you have made a will and then separate from your de facto spouse, your will is not cancelled. This means that if you have left property to your de facto spouse in your will and no longer wish your de facto spouse to inherit you must make a new will.

If you have no will, and have a de facto spouse who has been your de facto spouse for at least 2 years immediately before you die, your de facto spouse is entitled to the same share of your estate as a husband or wife in a formal marriage. This is unless you are still married, even though separated, and have a de facto spouse as well as a formal spouse. In that case, your de facto spouse and your spouse to whom you are still married (though separated from) share equally in the portion of your estate to which a spouse would have been entitled.

If you have separated from your de facto spouse when you die, your de facto spouse will not be entitled to a share of your estate under the formula in the *Administration Act 1903*.

Remember that you may need legal advice about your situation.

Annie Gray, Legal Aid WA

### **Undang-undang Keluarga - perkara penting jika kamu berpisah - wasiat dan pemeliharaan pasangan**

Ini adalah majalah-majalah pendek tentang perkara-perkara legal yang mungkin kamu berminat. Ia bukan nasihat legal. Kamu harus selalu mendapatkan nasihat legal untuk keadaan kamu.

Perkara-perkara penting jika kamu berpisah dari pasangan kamu adalah pemeliharaan pasangan dan wasiat kamu.

#### **Pemeliharaan Pasangan**

Perkawinan resmi, atau perkawinan de facto, membuat tanggungjawab legal untuk setiap pihak untuk menyokong pihak lain secara keurangan. Bila orang berpisah atau bercerai, tanggungjawab ini tidak berhenti dengan sendirinya. Ia boleh berterusan hingga orang lain boleh menyokong keuangan dia, atau dia berkawin lagi.

Jika pemerintahan dibuat boleh Family Court yang memerlukan satu orang untuk menyokong bekas pasangannya secara keurangan, walaupun mereka suda berpisah, ini dinamakan pemeliharaan pasangan.

Mahkamah akan hanya membuat pemerintahan untuk pemeliharaan pasangan bila satu orang tidak boleh menyokong diri mereka sendiri (mereka tidak boleh kerja bersebabkan umur mereka, atau kecacatan fizikal atau mental, atau mereka mempunyai pendapatan yang kurang, atau mereka ibubapak yang menjaga) DAN pihak sebelah mempunyai kebolehan keurangan untuk menyokong mereka.

Mahkamah akan memandangkan berberapa fakta dalam keputusan ini diantara membuat pemerintahan untuk seorang dibayar pemeliharaan pasangan:

- apakah orang itu ada anak dibawa 18 tahun dalam jagaan dan urusan mereka?
- apakah orang itu tidak boleh dapat kerja kerana umur mereka, atau kekurangan fizikal atau mental?

segala sebab yang mencukupi syarat (dan Mahkamah akan memandangkan berberapa perkara, dipanggil fakta-fakta s75(2)). Ini termasuk:

- kebolehan setiap orang mendapatkan kerja
- pendapatan gaji, harta dan sumber keurangan setiap orang
- tanggungjawab untuk membayar sokongan anak-anak
- keperluan untuk menjaga seorang yang maukan tugas ibubapak mereka diteruskan
- kalau membayar pemeliharaan pasangan akan membolehkan orang itu melebihi pendapatan mereka dengan membolehkan mereka membuat training atau melaikan bisnis.
- kelayakan pension atau bantuan kesihatan lain dan umur setiap orang
- jika salahsatu orang mempunyai anak-anak ditanggung mereka, atau bertanggungjawab untuk menyokong orang lain
- jumlah masa perhubungan dan apakah mengganggu kebolehan untuk bekerja orang yang memohon pemeliharaan pasangan
- jika salahsatu pihak sedang tinggal dengan orang lain, keadaan keurangan urusan itu (contohnya pasangan baru yang mungkin boleh menyokong keurangan seorang yang memohon pemeliharaan pasangan)
- apakah standard kehidupan untuk setiap orang
- jika orang yang memohon pemeliharaan pasangan telah memberi bantuan keurangan orang lain (contohnya seorang isteri sebagai pembersih untuk menyokong suaminya bila dia sedang study untuk menjadi accountant)
- segala perkara yang dirasa berkenaan.

Kamu boleh memohon pemeliharaan pasangan hingga satu tahun setelah ceraian kamu jika kamu berkawin secara resmi, dan hingga 2 tahun jika kamu dalam perkawinan de facto.

Jika kamu perlu untuk memohon pemeliharaan pasangan selepas masa yang diizinkan, kamu perlu untuk memohon keizinan istimewa daripada Mahkamah, dipanggil "leave". Ini terpulang kepada Mahkamah jika ia mengizinkan untuk kamu memohonnya selepas masa yang diizinkan. Kamu harus selalu memohon dalam batas masa kecuali kamu ada alasan yang bagus sampai tak dibuat.

#### **Wasiat Perpisahan dan Bercerai**

##### **Perkawinan resmi**

Jika kamu ada wasiat dan kamu **berpisah**, wasiat kamu tidak dibatalkan. Ini bermakna yang jika kamu meninggalkan harta kamu dengan pasangan dalam wasiat kamu dan kamu tidak mau pasangan kamu mendapat harta kamu lagi, kamu mesti membuat wasiat baru.

Jika kamu tidak ada wasiat, dan masih berkawin, walaupun berpisah, dan kamu mati, pasangan kamu akan berhak untuk sebahagian harta kamu menurut formula dalam Administration Act 1903 (WA)(CI). Kamu akan perlu untuk membuat wasiat jika kamu ingin mengelakkan ini, tetapi ingat yang ia akan batal bila kamu bercerai, kecuali kamu membuatnya dalam pertimbangan berceraian.

##### **Perkawinan de facto**

Jika kamu membuat wasiat dan berpisah dari pasangan de facto kamu, wasiat kamu tidak dibatalkan. Ini bermakna yang kamu telah meninggalkan harta kamu kepada pasangan de facto kamu dalam wasiat dan kalau kamu tidak lagi mau pasangan de facto kamu mewarisi harta, kamu mesti membuat wasiat baru.

Kalau kamu tidak ada wasiat, dan ada pasangan de facto yang telah menjadi pasangan de facto kamu sekurangnya 2 tahun setelah kamu mati, pasangan de facto kamu berhak untuk sebahagian harta kamu sama sebagai suami atau isteri dalam perkawinan biasa. Ini dikecualikan kamu masih kawin, walaupun berpisah, dan kamu ada pasangan de facto juga sebagai pasangan resmi. Dalam kes ini, pasangan de facto dan pasangan yang kamu masih berkawin (walaupun berpisah) berhak bahagian yang sama harta kamu sebagaimana seorang pasangan berhak.

Kalau kamu berpisah dari pasangan de facto kamu bila kamu mati, pasangan de facto kamu tidak akan berhak terhadap harta kamu menurut formula dalam Administration Act 1903.

















Ingat yang kamu mungkin memerlukan nasihat legal tentang keadaan kamu sendiri.

Annie Gray, Legal Aid WA



# September After School Activity Program



Mon	Tue	Wed	Thu	Fri	Sat	Sun
5 <b>After Hours Library</b> Home Island Library 3:30pm - 5:30pm 	6 <b>Volley ball</b> CIYC Home Island Volley Ball- Court 3:30pm-4:30pm	7 <b>4 Square</b> All Ages West Island School 3:00pm 	1 <b>DODGE BALL</b> All Ages Home Island Tennis Court 4:30pm 	2 <b>MIXED TEE BALL</b> All Ages Home Island Oval 4:30pm - 5:30pm 	3 <b>KIDS SURF CLUB</b> Trish Flores & Co All Ages West Island Yacht Club Time:	4 <b>Have A Happy Sunday!</b> 
12 <b>Selamat Menyambut Hari Raya Haji</b> 	13 <b>Volley ball</b> CIYC Home Island Volley Ball- Court 3:30pm-4:30pm	14 <b>4 Square</b> All Ages West Island School 3:00pm 	8 <b>DODGE BALL</b> All Ages Home Island Tennis Court 4:30pm 	9 <b>MIXED TEE BALL</b> All Ages Home Island Oval 4:30pm - 5:30pm 	10 <b>YOUTH CENTRE</b> Year 6 upwards <u>ONLY</u> Open 10am—10pm Just want to hang with friends? Hang out at the	11 
19 <b>After Hours Library</b> West Island Library 3:30pm - 5:30pm 	20 <b>Volley ball</b> CIYC Home Island Volley ball court 3:30pm-4:30pm	21 <b>4 Square</b> All Ages West Island School 3:00pm 	15 <b>DODGE BALL</b> All Ages Home Island Tennis Court 4:30pm 	16 <b>MIXED TEE BALL</b> All Ages Home Island Oval 4:30pm - 5:30pm	17 <b>YOUTH CENTRE</b> Year 6 upwards <u>ONLY</u> Open 10am—10pm Just want to hang with friends? Hang out at the	18 <i>Happy Sunday to you all!</i> 
27 <b>Please Refer To September/October School Holiday Program</b>	28 <b>Please Refer To September/October School Holiday Program</b>	29 <b>Please Refer To September/October School Holiday Program</b>	23 <b>DODGE BALL</b> All ages Home Island Tennis Court 4:30pm 	24 <b>Movie Night</b> (Finding Dory) 6:30pm All ages Youth Centre 	25 <b>Please Refer To September/October School Holiday Program</b>	26 <b>Please Refer To September/October School Holiday Program</b>
30 <b>Please Refer To September/October School Holiday Program</b>	30 <b>Please Refer To September/October School Holiday Program</b>	30 <b>Please Refer To September/October School Holiday Program</b>	30 <b>Please Refer To September/October School Holiday Program</b>	30 <b>Please Refer To September/October School Holiday Program</b>	30 <b>Please Refer To September/October School Holiday Program</b>	30 <b>Please Refer To September/October School Holiday Program</b>

### August Weather Summary

August was yet another dry month rainfall wise. As of 30<sup>th</sup> August, 51 mm has been read from the rain gauge in total. This is less than half the average for August, which is 121 mm. The averages for the coming months decrease even more, so we will have to wait and see if we get enough rain to turn the grass greener!

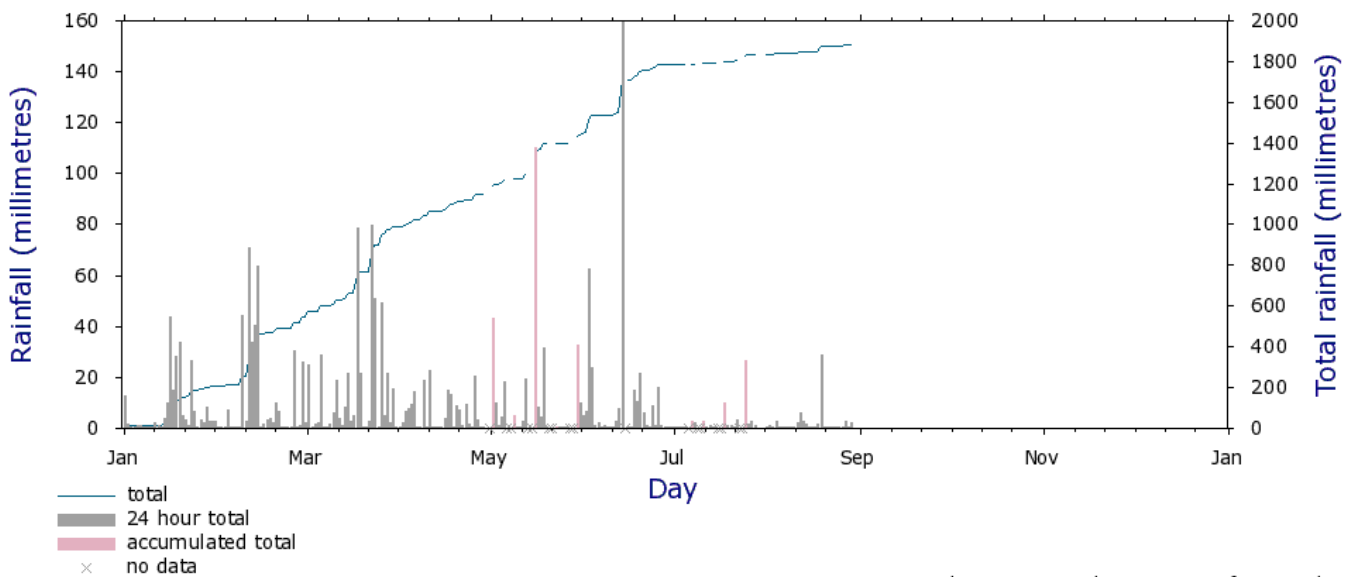
The winds have stayed fairly fresh E-SE'ly throughout the month of August with our highest wind gust on the 12<sup>th</sup> at 65 km/hr. Our calmest wind day was around our rainiest day on the 19<sup>th</sup> with a top gust of 35 km/hr and 28.4 mm of rain.

The 2<sup>nd</sup> and 3<sup>rd</sup> of August were both our warmest days to date (on 30<sup>th</sup>) at 28.6 °C and our coolest day occurred on the 12<sup>th</sup>, with the stronger winds, at just 27 °C. The coolest evening was in the early hours of the 25<sup>th</sup> at just 22.2 °C.

The Indian Ocean Dipole (IOD) had its negative peak (of -1.4 °C) in early July and in the last few weeks has weakened and will continue to do so over Spring. This means that its influence on rainfall may lessen – a negative IOD typically brings higher rainfall due to warmer sea surface temperatures over eastern parts of the Indian Ocean.



Cocos Island Airport (200284) 2016 rainfall



Note: Data may not have completed quality control.

Climate Data Online, Bureau of Meteorology  
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### COCOS ISLANDS WEATHER FACT

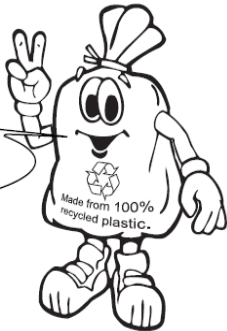
The lowest overnight temperature recorded was 18.3 °C on 6<sup>th</sup> August, 1979. Hope they had their quilts!



From your lovely lady weather team,  
Alana & Dee.

8

# Buy Recycled



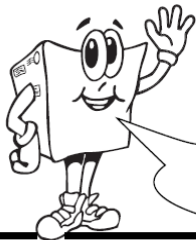
Use the **WORD BANK** on the left to fill in the blanks below with my favorite "buy recycled products" words.

**WORD BANK**

- bags
- bottles
- home
- made
- product
- recycling



Close the \_\_\_\_\_ loop. Buy items that are \_\_\_\_\_ from recycled materials. How can you tell if a product is made from recycled materials? Read the \_\_\_\_\_ labels. Look at these products around your \_\_\_\_\_: paper towels, napkins, greeting cards, soda \_\_\_\_\_, toilet paper, cereal/cookie boxes, egg cartons, facial tissues, trash \_\_\_\_\_, pencils, writing paper. Are they made of recycled materials?



# Word Search

Find my favorite **WORD BANK** words going up, down, forward, backward or diagonal in the puzzle below.

E	V	R	E	S	N	O	C	M	O
B	R	E	C	Y	C	L	E	U	N
A	E	G	T	A	N	R	O	N	P
T	D	C	S	R	A	E	D	I	A
T	U	Y	U	D	M	U	B	M	P
E	C	B	L	W	Q	S	B	U	E
R	E	N	E	A	N	E	L	L	R
Y	W	V	S	S	A	L	G	A	T
L	A	N	D	F	I	L	L	A	M
S	I	R	K	E	N	E	R	G	Y

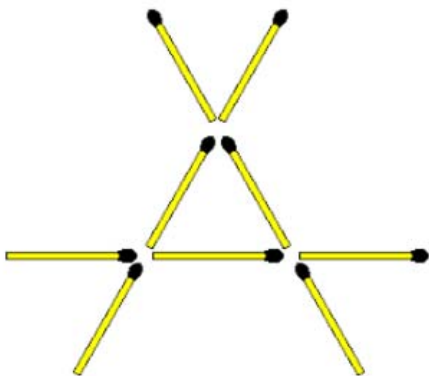
**WORD BANK**

- RECYCLE
- REUSE
- REDUCE
- BURN
- ALUMINUM
- ENERGY
- LANDFILL
- GLASS
- CONSERVE
- PAPER
- BATTERY
- SAVE



**Brainteaser Central**

Can you move exactly three matchsticks to form 3 touching triangles?



*(Sudoku solutions for various puzzles)*

8	1	4	2	3	6	7	5	9
4	9	7	6	8	5	1	3	2
2	6	5	3	1	7	9	8	4
7	5	9	1	4	8	2	6	3
6	4	8	9	7	3	5	2	1
3	2	1	5	6	9	8	4	7
9	7	3	8	5	2	4	1	6
1	8	6	7	2	4	3	9	5
5	3	2	4	9	1	6	7	8
7	9	5	8	2	1	3	4	6

Sudoku Solutions

How do I do it?

The object is to insert the numbers in the boxes to satisfy only one condition: each row, column and group of squares enclosed by the bold lines must contain the digits 1 through 9 exactly once.

The rules for different size and shape puzzles are pretty much identical. The different size puzzles simply require a different set of numbers.

7		8	1		6
4	2		5		8
					5
3		1	8	9	7
	1	7	4	3	
					5
3					
	2		1	6	7
6		2	4		1

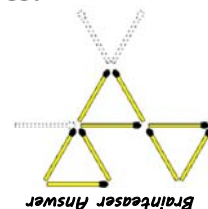
Daily SuDoku: Tue 23-Aug-2016 hard

	6	3	2	A		4	7
	B		8				3
C				4			5
		1	9	8			A
2	A			B			5
	5	4	C		2	B	
3	C		2		9	1	
8		3				4	C
7			5	C	3		
7		9					1
	2			7		9	
A	6		B	C	4	5	

Monster Daily SuDoku: Tue 23-Aug-2016 very hard

	3		4				7
					4		
9	7				2	4	
	2	1					7
				7			
7						2	6
		5	3				8
			6				4
	1				6		5

Daily Squiggly SuDoku: Tue 23-Aug-2016 medium



Brainteaser Answer

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*Selamat Tinggal Pulu Cocos  
Salah dan Silap minta di maafkan  
Makan dan minum minta di halalkan  
Insha Allah panjang umur jumpa lagi*



*Do you have a Cocos Moment you would like to share?*

*Email your favourite photo to [cocosislands@crc-net.au](mailto:cocosislands@crc-net.au) or drop into the Community Resource Centre.*

#### Birthdays & Anniversaries

*Wish to send love ones special messages on their birthdays and anniversaries?*

*Drop in at the Cocos Islands Community Resource Centre or email [communications@cocos.wa.gov.au](mailto:communications@cocos.wa.gov.au)*



## Upcoming 2016 Community Events

Event Name	Event Date	Event Host
Kids Movie Night/Food Night	09/09/2016	Cocos Club
Club Championships—Round 1	18/09/2016	Cocos Island Golf Club
CIDHS Swimming Lessons	14—24/09/2016	CIDHS
P & C School Auction and Fete	18/09/2016	P & C Association
Social Work Visit - Valerie Coleman	20—24/09/2016	DIRD
West Fest	24/09/2016	Cocos Club
Club Championships—Round 2	25/09/2016	Cocos Islands Golf Club
Council Meeting - Home Island (Council Chamber)	28/09/2016	Cocos Islands Shire Council
Cocos Islands Photo Competition closes	30/09/2016	Cocos Islands CRC
Ardmona Cup	30/09/2016	Cocos Club
Corporate Day—Ambrose	05/10/2016	Cocos Islands Golf Club
West Island Market Day	08/10/2016	Cocos Islands CRC
Octoberfest	29/10/2016	Cocos Club
Calcutta	02/11/2016	Cocos Club
Melbourne Cup	03/11/2016	Cocos Club
Cocos Lagoon Swim Compulsory Safety Briefing	18/11/2016	Cocos Club
Cocos Lagoon Swim—Home Island Jetty	19/11/2016	Cocos Islands Tourism Association
CIDHS Swimming Carnival	25/11/2016	CIDHS
Presentation Dinner	26/11/2016	Cocos Islands Golf Club
Movember	TBA	Cocos Club
Year 10 Graduation Ceremony	07/12/2016	CIDHS
West Island Market Day	10/12/2016	Cocos Islands CRC
CIDHS End of Year Concert	14/12/2016	CIDHS
Kids Xmas / Farewell	17/12/2016	Cocos Club
Council Meeting - Home Island (Council Chamber)	21/12/2016	Cocos Islands Shire Council
New Years Eve	31/12/2016	Cocos Club

The above events with further details are all advertised on the Cocos Islands CRC website. If you have a community event you would like to advertise, please contact our office with your details.

This is a FREE service for our Community.

Phone: 9162 7707 Email: [cocosislands@crc.net.au](mailto:cocosislands@crc.net.au) Website: [www.cocos.crc.net.au](http://www.cocos.crc.net.au)



The next edition of The Atoll will be produced on:  
*Edisi The Atoll selanjutnya akan dikeluarkan pada:*

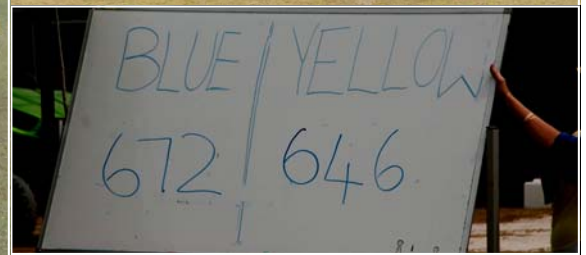
All items/materials must be received by:  
*Semua majalah mesti diterima sebelum:*

**Thursday 15th Sept 2016**

*1:00pm Tuesday 13th Sept 2016*

**Cocos Snapshots 2...**

**Gambaran Cocos 2...**



**Have Your Say**



Letters to the Editor will either be accepted or rejected by the Editor. Items need to be:

- Accurate and/or factual
- Not defamatory or inflammatory
- Identified by author

Please take into consideration our format when preparing your items/materials to make the most of the spaces available.

The Atoll publication staffs reserves the right to edit the formatting of articles submitted for publication.

Materials should preferably be electronically forwarded to: [cocosislands@crc.net.au](mailto:cocosislands@crc.net.au)

To ensure a timely distribution of the newsletter, we request that all items/materials be forwarded before 1pm, 2 days prior to its distribution date.

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The editor has the right to withhold, edit or abbreviate items as considered necessary.

No responsibility is accepted for any statement of opinion, any error or omissions.