



BURKE SHIRE COUNCIL

NEWSLETTER

Edition 4 for June 2006 / July 2006
(Issued on 7 June 2006)

We are now at our busiest time of the year and due to the prolonged wet season we endured Council is very busy trying to get everything done before the start of the next wet. Tourists are again on the move and we welcome them wholeheartedly. We also have quite a few community events coming up so don't forget to keep your ear to the ground and your eyes on the Public Notice boards for information on these events. Again if you have anything you want to add to this newsletter I am available to ideas and feedback.

Cheryl Portch

Key Council Dates

Ordinary Meeting of Council	22 June 2006
Ordinary Meeting of Council	20 July 2006
Queens Birthday Public Holiday	12 June 2006
Deadline for contributions to next newsletter	24 July 2006
Community Ball	1 July 2006
Close of Arts & Craft Entry Forms	31 July 2006

CURRENT PUBLIC NOTICES

All public notices are displayed at Nowlands, Burketown Post Office, Burketown Pub, Burketown Health Centre, Gregory Downs Hotel, MOUNGIBI and the Shire Office.

Sale of Land
Community Ball
Arts & Craft Show
Mosquito Fogging
Gregory Campdraft
Calico Bag Give Away
Fines for Dogs Found at Large
Council Meeting Dates for 2006
Update on Road Closure of China Wall



RANGER'S REVIEW



Use of SODIUM FLUOROACETATE (1080) to Control wild dogs and feral pigs in the Burke Shire

Burke Shire Council like all Local Government authorities are responsible under the *Land Protection (Pest and Stock Route Management) Act 2002* to ensure that a responsible and effective Pest Management plan is in place to target priorities for pest management of declared pests identified within the shire. Land owners also have an obligation under the Act to take reasonable steps to keep land free of declared pests unless the owners hold declared pest permits allowing the pests to be kept on their land ie Deer farming. As part of Councils activities in the management of declared pests together with local pastoral property owners/managers, under take coordinated 1080 baiting campaigns twice a year to control Wild dogs and Feral pigs in the Burke Shire, these campaigns are also coordinated with baiting in neighboring shires to get a more consistent coverage and to maximize baiting results. Baits are injected at three central baiting points within the shire.

Properties that have participated in the baiting program will have warning signs posted at all points of entry to their property.

Background

Sodium fluoroacetate (1080) is a very useful pesticide for the control pest animals and has been used throughout Australia since the early 1960s. 1080 is the most efficient, humane and species-specific pesticide currently available for declared animal control in Australia. In Queensland, 1080 is registered for use in the control of wild dogs, feral pigs, foxes and rabbits.

Properties

Some of the properties of 1080 include:

Fluoroacetate occurs naturally in about 35 species of Australian plants, such as *Acacia georginae* (gidgee). 1080 is water soluble and is readily broken down by naturally occurring bacteria and fungi. It therefore does not cause a build-up of toxic residues in soil, water or plants, nor does it bioaccumulate in organisms. Fluoroacetate can be found in minute quantities in such common substances as guar gum and tea.

Availability of 1080

1080 can only be supplied and used by accredited DNR&M and Local Government Officers for the purpose of controlling declared pest animals and **cannot be sold direct to the public**, to be accredited these officers have to undertake practical and written examinations and received approval from the Queensland Department of Health. It is required that all 1080 operators must be retrained every two years.

Guidelines for use

The use of 1080 is subject to strict regulatory control set down in the health (drugs and poisons) regulations 1996 which are administered by the Queensland Department of Health. The following is a summary of the guidelines for its use:

Baits are to be used for no other purpose whatsoever other than for the destruction of wild dogs, feral pigs, foxes and rabbits. All baits must be distributed only on the property baiting and Burke Shire stipulates that no baits are to be laid within ten kilometers of Burketown and Gregory. No baits to be laid within 50 metres of a centre line of a declared road.

At least 3 days notice of the intended laying of baits must be served by landholders on every resident and/or occupier of the land adjoining or having frontage to the holding, road or reserve whereon the poisoned baits are to be laid.

Warning signs are supplied to the landholder and must be placed at all points of entry to the property and adjoining thoroughfares. This must be done even if the adjoining property is carrying out 1080 baiting.

Warning signs must be erected and left in place for a minimum of one month.

1 ml of 10mg/litre strength of 1080 is injected into a 250g meat bait for wild dogs/ dingoes (in densely populated areas of the east 1 ml of 6 mg/litre mix is used and for foxes it is 1 ml of 3 mg/litre).

2 ml of 36 mg/litre strength of 1080 is injected into a 500g meat bait for pigs :- Note!! Meat baits for pigs are a larger size to prevent cartage by crows/ hawks of these stronger 1080 baits.

Public notices are distributed by the Burke Shire Council in advance of each baiting campaign.

Wild game harvesters should also be notified of baits being laid, as they are required to declare for at least 28 days after the program that they have not removed feral pigs from areas where baiting has occurred. Strict monitoring and control of usage and usage rates is carried out by officers of the DNR&M

Selectivity of 1080

There is considerable variation in susceptibility between species of animals. Dogs and foxes are the most susceptible of all animals to 1080. In general, birds show considerably more resistance than mammals. Cold blooded animals such as reptiles and fish are the most resistant. There is no set time for 1080 baits to become inactive in terms of toxicity. It depends on the following factors:-

- . What type of bait material is used?
- . Where the bait material has been placed
- . How much rainfall has fallen after baiting has occurred

Lethal doses of 1080

Animal	Lethal dose of 1080 (in mg/kg body weight)	Relative Resistance (dog =1)
Dog	0.1	1
Fox	0.1	1
Cat	0.3	3
Wallaby	0.4	4
Cattle	0.4	4
Pig	0.6	6
Rabbit	0.8	8
Magpie	1.3	13
Human	2.0	20
Sparrow	4.0	40
Rat	8.0	80
Hawk	10.0	100
Goanna	55.0	550
Toad	440.0	4400

Lethal dose of 1080 : Man (LD50 = 2-5 mg/kg body weight). Maximum dose rate for Dingo/Wild dog is 8 mls per 1 kg (10mg/ml). Therefore: 100kg person would have to eat more than 2 kg of raw bait material

Common myths about 1080

"1080 kills only domestic dogs, it doesn't kill wild dogs"

All canines (wild dogs, domestic dogs and foxes) are equally susceptible to 1080 poison. This is why it is important that domestic dogs are restrained when baiting programs are being carried out.

"Does 1080 build up in the soil and in waterways?"

Naturally occurring bacteria and fungi found in the soil, water and bait materials readily break down 1080. It therefore does not cause a build-up of toxic residues in soil, water or plants, 1080's persistence in the environment depends on rainfall, temperature and amount of bacteria present.

"What if a pest animal is poisoned with 1080 and another animal eats it? Will it affect the second animal?"

This depends on the dose used for the first animal, the tolerance of the second animal, the amount the animal has consumed, what part of the animal is consumed (the stomach contents will contain more 1080 than other organs or flesh), and how long the dead animal has had 1080 in it's system. Unlike some poisons, 1080 does not accumulate in the food chain nor does it keep on killing "the dog that eats the bird that ate the carcass of the pig that took the bait".

"There is no effective treatment or antidote for 1080 poisoning for humans"

Fact: There is no specific antidote for 1080, just as there is no specific antidote for alcohol poisoning or valium overdosing, but a range of treatments aid recovery. As with many poisons, these treatments are effective only when used soon after ingesting the poison. Emptying the stomach can get rid of most of the poison in the early stages. Sedatives and barbiturates, as well as life support measures, have also been used to give the body time to detoxify the 1080.

We trust this gives you a better insight into the usage of this important vertebrate pest control measure. Further information can be obtained from the Burke Shire Council Ranger.

Morning Glory Park Development

Lawns are looking good and help make the town look cool, neat and tidy. More landscaping has taken place with the planting of the footpath garden beds.

Work arranged to be completed :-

- ⇒ Mural on Park toilet block exterior walls designed and to be painted by Burketown school children - materials have arrived and project is ready to proceed.
- ⇒ Upgrade park lighting. Includes changing 5 current park lights to 250watt watchman lights and install a further 3 along Sloman Street to adequately illuminate the park at night.
- ⇒ Replace BBQ shelter light fittings and install timer on lights so they don't stay on all night annoying residents.
- ⇒ Pond feature - all equipment arrived, now need to coordinate installation.
- ⇒ Designing / planning is currently being undertaken on the kids park water feature.

Improvements to public areas

The 6 metre 6 sided Gazebo has arrived as part of the upgrade of the Burketown Cemetery; now waiting for installation. It will house 4 bench seats and include signage depicting history, a plan of the site, grave details/cemetery register. With graves dating back to 1866 this fixture will help put in perspective the recent history of our town.



TENNIS



The Burketown Tennis Tournament is finally over and actually ran for 12 weeks with 36 people nominated and 41 people who actually participated. Thank you to all who took part especially the ones who got roped into filling in for someone else. The finals and BBQ presentation were held on Sunday 14 May between Damien Forsyth –Stewart & Caroline Strathdee (Doomagee Schoolteachers) and Kelly Gardner & Laurie Portch. Damien & Caroline being the winners in straight sets 7-5 , 6-3 will now play the winners of the Gregory Tournament for the right to have their name engraved on the Burke Shire Community Tennis Perpetual Shield. We have extended the nomination dates for the Gregory Tournament until 7 June 2006 and will hopefully kick off by the 2nd week of June. Anyone interested in playing in the Gregory tournament please register your interest with Elvee Portch (Gregory Caretaker) on Ph:4748 3910 or with Cheryl Portch Ph:4745 5100. Nominations are free and equipment will be supplied for those that need. So come along and have some fun and socialize with others over a friendly game of tennis.

Order of the Outback Community Ball



When: *Saturday 1 July 2006*

Time: *7:00pm to 1:00am*

Where: *Shire Hall in Burketown*

Tickets: *Adults \$35 *Children \$15 (*primary school age)*

Band: *"Take 5" (6 piece band incl. sax & vocals)*

Catering: *"The Golden Roast" 3 course meal*

Drinks: *Licenced bar will be available (ID required)*

Tickets: *Available through Cheryl Portch at the
Shire Office.*

*Tickets must be purchased and paid
for by Monday 19 June 2006*



ARTS & CRAFT SHOW

on 12 August 2006 in the Shire Hall, Burketown

Public access from 12:00noon to 6:00pm

Entry is FREE!

A wide variety of arts & crafts exhibits from local people will be on display (with some exhibits being available for purchase). Categories include:- *Photography; Poetry; Horticulture; Needlework; Painting; Jewellery/Beading/Leatherwork; Pottery; Cooking; Scrapbooking; Metalwork & Woodwork; Best Yard/Garden; Indigenous; School Projects; Inventions & Best Decorated Bike.*

Various skills & crafts will be demonstrated throughout the day.

Presentation of ribbons & trophies will be from 5:00pm, including an auction of donated exhibits. A selection of wines & cheeses will be available for sampling during the presentation.

Various community fundraising stalls, including raffles, will be operating.

ALL MEMBERS OF THE PUBLIC ARE WELCOME!

For more information contact Cheryl Portch at the Shire Office on (07) 4745 5100.



If you would like to enter an exhibit in the Show then you will need to fill in an entry form and submit it to Burke Shire Council Office by close of business Monday 31 July 2006. Programmes & entry forms are available from Post Office, Council Office, Mougibi, on the Burke Shire Council Web Site (www.burkeshirecouncil.com) or contact Cheryl Portch on ph 4745 5100 to have one faxed, emailed or posted to you. Entry for exhibits are free of charge.

HACC TALK



We now have our 5 clients back in town. The clients have been busy doing Arts & Crafts, reading, doing puzzles in magazines and colouring pictures. We also had Karen Griffiths come over and show us scrapbooking and how to make cards which we all enjoyed. We have also organised a trip to Normanton for the Gulflander train trip, a day trip to Tirranna Roadhouse and Leichhardt Falls to be held this month. We have also just bought a new sewing machine for the HACC program so the clients can make things like sewing bags doing patchwork and also mending their own clothes. – Mandy Douglas (HACC Coordinator)

Council Meeting Minutes

Council meeting minutes are produced within 10 days following each Council meeting and are available free of charge to all ratepayers and residents. If you are not on the mailing or emailing list for the minutes and want to be, please contact the Council office and let us know.



2006/07 DOG REGISTRATIONS

Are due by 30 JUNE 2006

Only \$2.20 per dog.

Registration forms are available at Burke Shire Council Office and payments will be accepted from 8am till 4pm weekdays.

QLD AMBULANCE SERVICE will be holding courses in Burketown 5 July 2006

Bookings are now being taken for the following courses:

- ♦ CPR 8.00am - 12noon
- ♦ CPR Refresher 5 July 8:00am - 10:00am
- ♦ Senior First Work Book Course 8:00am - 4:30pm
- ♦ Seniors First Aid Refresher 8:00am - 4:30pm
- ♦ Please phone 1300 369 003 to make a booking

RECYCLE YOUR OLD MOBILE PHONES

Burke Shire Council as part of our Waste Management Plan will now accept all obsolete mobile phones for recycling. For more information visit website: www.mobilemuster.com.au

LGAQ WEEK

Thank you to everybody involved in making our LGAQ Week a GREAT SUCCESS! I am sure all the School Children now know where our drinking water comes from.

Sandy Hansen



Rainfall in Burketown
April - 333.2mm
May - 0.4mm



QLD RECREATIONAL FISHING RULES & REGULATIONS GUIDE

is available at the Council Office and the Tourist Information Centre. For more information on this guide please contact Caroline Dalton Ph 3225 1038 or email: Caroline.Dalton@dpi.qld.gov.au

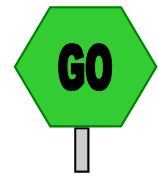


TV TIMES

*A copy of the TV Times is available to be picked up from the Council office every Friday after 10am.
Also available by email or on website www.ourguide.com.au*



COUNCIL NEWS & ACTIVITIES



CURRENT MAJOR WORKS

Beames Street Widening - this is being done to the Truganini Road grid

Morning Glory Park Development

Seniors Housing Development - 4 new units installed at end of May 2006

Off street parking for Moungebii offices

FUTURE MAJOR WORKS (After the Wet!)

Burketown - Gregory Road from town to six mile grid - upgrade (subject to Main Roads funding approval)

Doomadgee East & West Roads upgrading (including flood damage repairs)

Gregory - Lawn Hill Road - upgrade and seal some sections

Wills Developmental Road upgrading (Main Roads are planning 20 kms of gravel (between Running Creek and Brookdale) and then seal in 2006)

Gregory Airstrip Sealing & access road upgrade

Waste Management - Introduction of a Waste Management Plan, including recycling

Gregory Water Supply - Complete upgrade works

Water Treatment Plant - Complete upgrade works

Sewerage Treatment Plant - Complete upgrade works

Shade structure over the Burketown Multipurpose Courts

WORKS IN PLANNING STAGE

New Albert River Bridge

Barramundi Fingerling Growout Facility

Albert River Boat Ramp & Pontoon

Swimming pool facility for Burketown

CURRENT TENDERS & QUOTATIONS

Quotation 06/09 - Airport fencing

Quotation 06/10 - Airport lighting—Burketown & Gregory

Quotation 06/11 - 2 4WD utes

Quotation 0613 - Plumbing seniors units

Quotation 06/14 - Electrical works seniors units

Tender 06/06 - Gregory airport pavement gravel

Tender 06/07 - Bitumen sealing WDR & Burketown streets

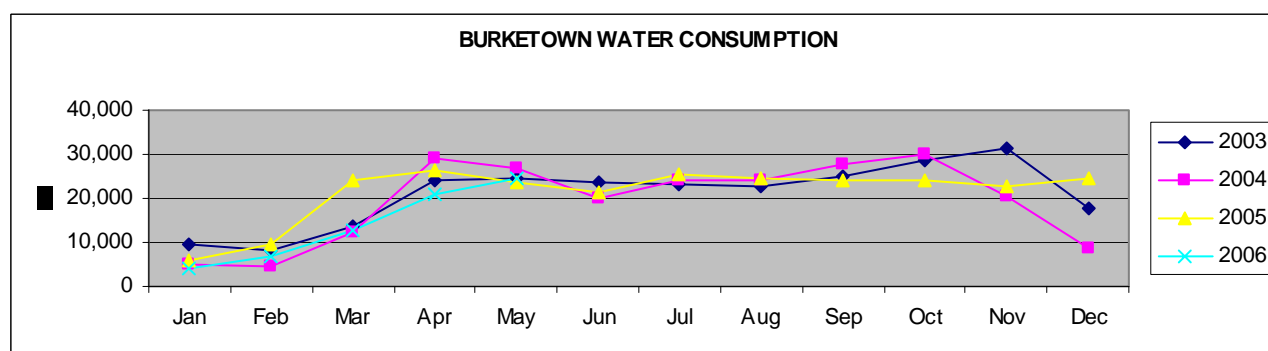
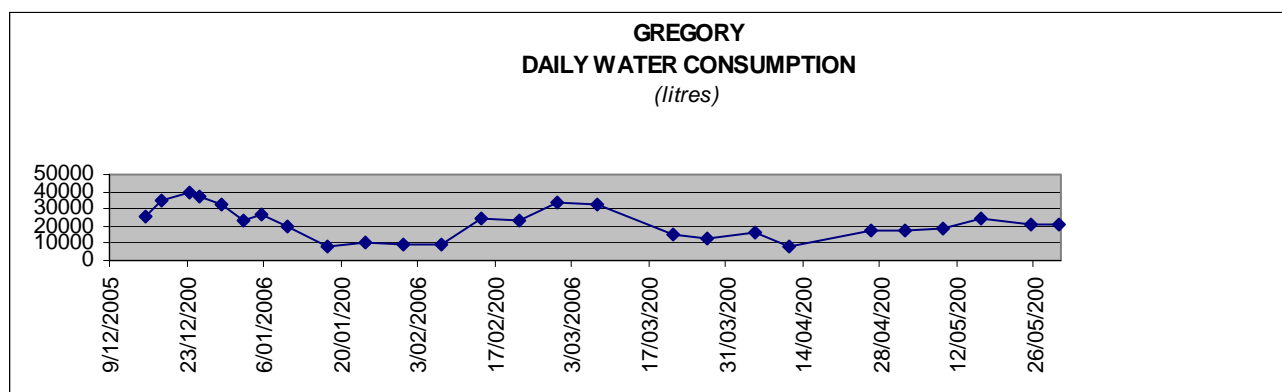
Tender 06/08 - Concrete works

PLANT & EQUIPMENT—PENDING DELIVERY

- ♦ New Backhoe
- ♦ New Rubbish Truck

GREGORY WATER CONSUMPTION

Date	Daily Consumption	Meter Reading
	<i>litres</i>	<i>litres</i>
07-Feb-06	9,847	1,240,568
14-Feb-06	24,737	1,413,727
21-Feb-06	23,523	1,578,386
28-Feb-06	33,367	1,811,953
07-Mar-06	32,091	2,036,588
21-Mar-06	15,141	2,248,567
27-Mar-06	12,579	2,324,039
11-Apr-06	8,557	2,522,026
26-Apr-06	17,706	2,787,609
02-May-06	17,472	2,892,439
09-May-06	18,970	3,025,228
16-May-06	23,987	3,193,138
25-May-06	20,427	3,376,982
30-May-06	21,119	3,482,576
Total Consumption		3,442,685
Average Daily Consumption		20,016



BURKETOWN WATER CONSUMPTION (kilolitres)

[illegible]

Police Beat

Police Beat

During the month of May, attention is drawn state wide, to issues surrounding Domestic Violence.

Contrary to some belief domestic violence (DV) is not simply defined as violence and assaults. DV can be defined also as threatening or intimidating behaviour causing fear or distress. A DV relationship not only relates to married/de-facto couples but also to parents of children, family members including brothers, sisters, cousins and those considered to be your relations. DV is a very serious problem and should not go unreported. I would encourage any member of the Burketown community, male or female, to come forward and take a stand against DV. The police and many other support agencies are available to help both men and women concerning issues of DV.

Over the next few months, Jim and I will be conducting bicycle safety lectures to the children of Burketown State School, Burketown Kindergarten, School of the Air and the Gregory School. The lectures will not only focus on bike safety, but also bike maintenance and laws relating to bicycle use. It is envisaged that after successful completion of the safety course the children will have their bikes engraved (parental/carer permission required) and be issued with a "bicycle licence". The children will also be issued with a new bicycle helmet after a very generous donation was made by an anonymous person.

Please be aware that Jim and I are noticing children in vehicles who are not properly restrained. Seating a child on your lap is not acceptable and can result in serious injury or death in an accident. If you are unsure of the laws relating to this please come in and see us or give us a phone call. Infringement notices will be issued if this continues. The children are our future, please protect them.

It was great to see the talent on display at the recent district football carnival. The carnival was played in outstanding spirit and exceptional skill was displayed. Congratulations must go to all the organisers as well as the children involved. Jim and I are more than happy to assist again for any similar activities, please contact us if needed.

I had hoped to report some good news this time around about Jim's fishing adventures. Sadly, Jim has failed in his attempts to catch the elusive barramundi, except for one undersize one which he continues to remind me about. Perhaps next year someone could give Jim some tips, I have tried but to no avail!

Stay safe

Paul GRIFFITHS
Sergeant
OIC Burketown Police



MARINE RESCUE NEWS

Saturday Night BBQ's - Bar opens 6.30pm - \$10.00 BBQ. Come along and enjoy a relaxed atmosphere whilst helping to raise funds for the Marine Rescue Club. Monies raised goes towards training and equipment.

A training exercise and zone meeting is being held in Weipa over the weekend 24th and 25th June 2006. Members interested in attending should contact Brett Harris or Oliver Pring. The Burketown Rescue Vessel will be leaving Friday afternoon and returning on Monday the 26th June 2006. Mornington Island will also be taking their Rescue Vessel.

A new (second hand) 4x4 tractor has been purchased to replace our existing 2 wheel drive tractor. This is a welcome addition as it has always been a drama pulling the boat out of a wet boat ramp.

New promotional shirts and stubby coolers have been ordered and will be on sale shortly.

Fire Project Officer

Hi, my name is Kevin Anderson and I am employed by the Carpentaria Land Council as the "Fire Project Officer" for the Gulf Region. I'd like to thank the Community for the friendly welcome you have shown me and look forward to working with you all in the future.

We are looking to have a volunteer drive and information night down at the Burketown Emergency Services building on Monday 12 June at 6:00pm for the local community and we will be having similar get togethers in the rest of the communities in the next couple of months.

The Burke Shire Council will be doing some hazard mitigation fires around Burketown and Gregory in the next month. Dates for these burns (subject to favourable weather conditions) are :-

Burketown 17 & 18 June

Gregory 24 & 25 June

Once again thank you for the welcome and I am looking forward to meeting you all in the near future.

Kevin Anderson
Fire Project Officer

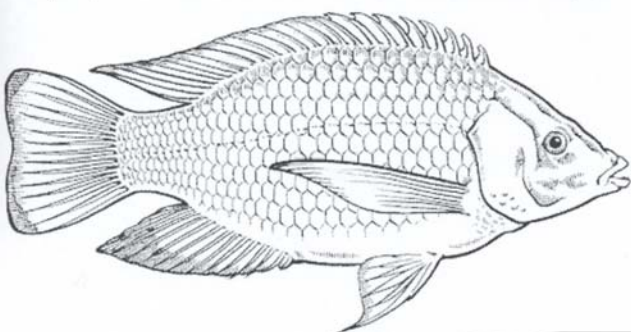
Pest fish threaten Queensland's Gulf waterways.

Tilapia are a major threat to north Qld native fish populations and have the potential to significantly impact on our commercial and recreational fisheries. People need to remember that if "tilapia become established in a flowing river system they are impossible to eradicate. Several ways local communities could help stop the spread of tilapia -

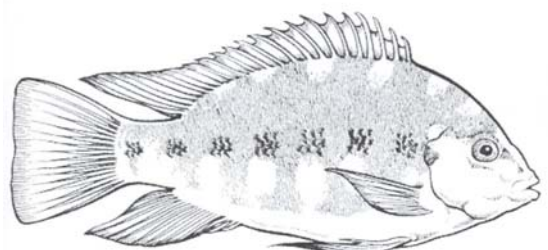
- 1) Know what tilapia look like and report any sightings to the DPI&F on 132523.
- 2) Don't use tilapia as bait, dead or alive—tilapia can release eggs from their mouth even after they are killed.
- 3) Don't move tilapia between waterways.
- 4) If you catch tilapia, kill as humanely as possible and dispose of it away from the water.

For more information access the Fishweb site at www.dpi.qld.gov.au/fishweb/

Tilapia, Oreochromis and Sarotherodon spp



Mozambique mouthbrooder (Oreochromis mossambicus)



Black mangrove cichlid (Tilapia mariae)

GREGORY DISTRICT SPORTING ASSN. INC. PRESENTS THEIR 27th ANNUAL [ACA affiliated]

GREGORY CAMPDRAFT

JUNE 24 & 25, 2006

PRIZE MONEY \$8,065.00, PLUS TROPHIES AND SASHES

CATTLE SUPPLIED COURTESY OF AUSTRALIAN AGRICULTURAL COMPANY

MANY THANKS TO DAVID & TESS ARNOLD AND STAFF, GREGORY DOWNS STATION

HORSE SPORTS CONDUCTED SATURDAY AND SUNDAY

FRIDAY NIGHT FREE BBQ FOR COMPETITORS. SATURDAY NIGHT *
HOT DINNER*MUSIC* BAR

MAJOR SPONSORS

AUSTRALIAN AGRICULTURAL COMPANY ** MAUD FORSHAW **
NARDOO STATION ** STANBROKE PASTORAL CO [AUGUSTUS DOWNS] **
GREGORY DOWNS HOTEL ** FORSHAW CONTRACTING [GREGORY] **
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ZINIFEX CENTURY MINE

Thankyou to the above and following sponsors (and any received after the program was printed)

MEDLEY'S SUPERMARKET [MT ISA], GRAEME & ANGELA CARRINGTON, RODEO SADDLE SHOP, JOHN SMITH [BROOKDALE], C & J SAUNDERS, NOWLAND ENGINEERING, BURKE & WILLS ROADHOUSE MT ISA, PRODUCE AGENCY, CARPENTARIA BUFFALO CLUB, TIRRAMA ROADHOUSE, RINGROSE TRANSPORT, ERNIE & KYLIE CAMP [FLORAVILLE], LANCE & KYLIE HUTLEY [RIVERSLEIGH], MT ISA IRISH CLUB, LORRAINE STN, PUMP 'N POWER, HEATHER & JOHN MOLONY, ALMORA STN, RICHARD & PEITA WEBBER [MELLISH PARK], COLONIAL AGRICULTURAL [ARMRAYNALD], BURKE SHIRE COUNCIL, FISHER FAMILY [TALAWANTA], HASTINGS DEERING [MT ISA],

GREGORY GRAPEVINE

- ♦ RFDS Clinics for Gregory—once every 4 weeks - Thurs 29 June; Thurs 27 July- Tracy Ph: 47485521 or Maree Ph: 47485545. (Also looking for people to clean clinic, pick up RFDS & supply lunch).
- ♦ Allied Health Clinics Gregory—Podiatrist, Dietitian & Physiotherapist - Wednesday 14 June for appointments contact Burketown Clinic Ph: 4745 5133
- ♦ Flying Scientist at Gregory School Tuesday 20 June—Rebecca Ph: 4748 5652
- ♦ Memorial Peter Forshaw Sunday 11 June 5pm on the Gregory River below the bridge.
- ♦ Memorial Paul Bielenberg Sunday 11 June 6pm Gregory Cemetery - services for Paul & Peter conducted by Bishop Tony Hall-Mathews.
- ♦ “How Many Grids’ to Gregory” QCWA Cookbook & Local History is to be reprinted. Price will be \$8 (incl GST) per book or special for Burke Shire Residents/Business 20 books for \$120 (inc GST). For orders please contact Treasurer Tess Arnold, Gregory Station Ph: 4748 5584 Fax: 4748 5564
- ♦ Tennis at Gregory Tennis courts - ring Elvee Ph: 4748 3910

TIDE CHART—2006

AUSTRALIA GULF OF CARPENTARIA - KARUMBA

Lat 17° 30'S Long 140° 50'E Time zone—1000

JUNE

Time m	Time m
1 0008 0.37 1104 3.60 TH	16 0031 0.18 1118 3.69 FR
2 0057 0.36 1142 3.49 FR	17 0125 0.19 1201 3.61 SA
3 0144 0.42 1212 3.35 SA	18 0217 0.32 1236 3.39 SU
4 0224 0.55 1234 3.18 SU	19 0308 0.60 1258 3.05 MO
5 0248 0.79 1252 2.97 MO	20 0401 1.02 1301 2.64 TU
6 0027 1.05 1305 2.71 TU	21 0309 1.57 0521 1.54 WE
7 1304 2.42 2208 0.99 WE	22 0441 2.12 2044 0.85 TH
8 1204 2.15 2156 0.92 TH	23 0533 2.65 2050 0.64 FR
9 0708 2.39 2132 0.87 FR	24 0620 3.08 2107 0.49 SA
0 0714 2.71 2114 0.78 SA	25 0707 3.37 2131 0.40 SU
1 0733 2.99 2122 0.65 SU	26 0754 3.51 2202 0.34 MO
2 0804 3.22 2154 0.52 MO	27 0843 3.55 2241 0.30 TU
3 0847 3.40 2242 0.38 TU	28 0930 3.51 2320 0.28 WE
4 0938 3.54 2337 0.26 WE	29 1015 3.43 TH
5 1030 3.65 TH	30 0000 0.30 1053 3.31 FR

JULY

Time m	Time m
1 0036 0.38 1120 3.17 SA	16 0118 0.40 1152 3.24 SU
2 0108 0.56 1137 3.01 SU	17 0211 0.78 1213 2.83 MO
3 0126 0.82 1150 2.82 MO	18 0348 1.26 1207 2.39 TU
4 1200 2.58 2044 1.01 TU	19 0201 1.83 0545 1.71 WE
5 1150 2.30 2028 0.89 WE	20 0314 2.35 1918 0.74 TH
6 0521 2.03 0746 1.99 TH	21 0407 2.80 1936 0.53 FR
7 0527 2.39 2009 0.73 FR	22 0458 3.14 2001 0.41 SA
8 0545 2.71 2007 0.63 SA	23 0551 3.36 2033 0.35 SU
9 0614 2.99 2027 0.49 SU	24 0646 3.45 2110 0.32 MO
10 0655 3.22 2107 0.35 MO	25 0742 3.45 2149 0.31 TU
11 0748 3.41 2159 0.21 TU	26 0834 3.39 2227 0.32 WE
12 0845 3.56 2250 0.09 WE	27 0922 3.30 2301 0.39 TH
13 0941 3.65 2341 0.06 TH	28 1002 3.16 2332 0.54 FR
14 1031 3.65 FR	29 1030 3.00 2356 0.77 SA
15 0030 0.16 1116 3.52 SA	30 1045 2.81 SU
	31 0005 1.06 1052 2.60 MO

AUGUST

Time m	Time m
1 1100 2.37 1845 1.11 TU	16 0031 2.25 0724 1.75 WE
2 0315 1.83 0539 1.75 WE	17 0132 2.71 1755 0.82 TH
3 0317 2.16 0739 1.91 TH	18 0224 3.07 1805 0.62 FR
4 0328 2.48 1843 0.82 FR	19 0317 3.30 1825 0.49 SA
5 0353 2.78 1838 0.68 SA	20 0415 3.41 1901 0.42 SU
6 0431 3.04 1901 0.50 SU	21 0517 3.43 1946 0.41 MO
7 0525 3.26 1954 0.33 MO	22 0621 3.38 2031 0.43 TU
8 0629 3.43 2051 0.18 TU	23 0720 3.29 2114 0.50 WE
9 0736 3.57 2146 0.09 WE	24 0811 3.16 2151 0.64 TH
10 0838 3.63 2237 0.13 TH	25 0853 2.98 2221 0.87 FR
11 0932 3.57 2326 0.31 FR	26 0922 2.78 2238 1.16 SA
12 1022 3.37 SA	27 0935 2.55 1926 1.45 SU
13 0018 0.66 1103 3.02 SU	28 0140 1.56 0303 1.54 MO
14 0241 1.11 1130 2.57 MO	29 0117 1.85 0420 1.69 TU
15 0439 1.46 1124 2.09 TU	30 0104 2.16 0534 1.79 WE
	31 0053 2.46 1715 1.16 TH

- New Moon
- Full Moon
- ☾ Last Quarter
- ☾ First Quarter

****ADD ON****

1 hour to mouth of Albert River
4 hours to Wharf
5 hours to Bridge