

Appendix A Location Maps





Appendix B

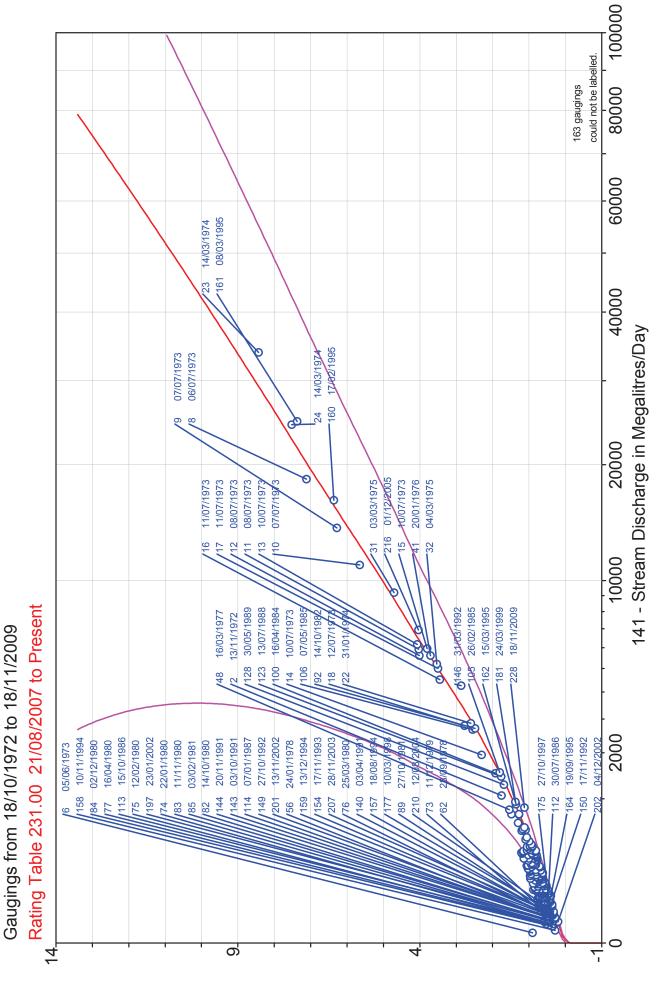
Gauging Information, Flood Frequency Analysis and other Data



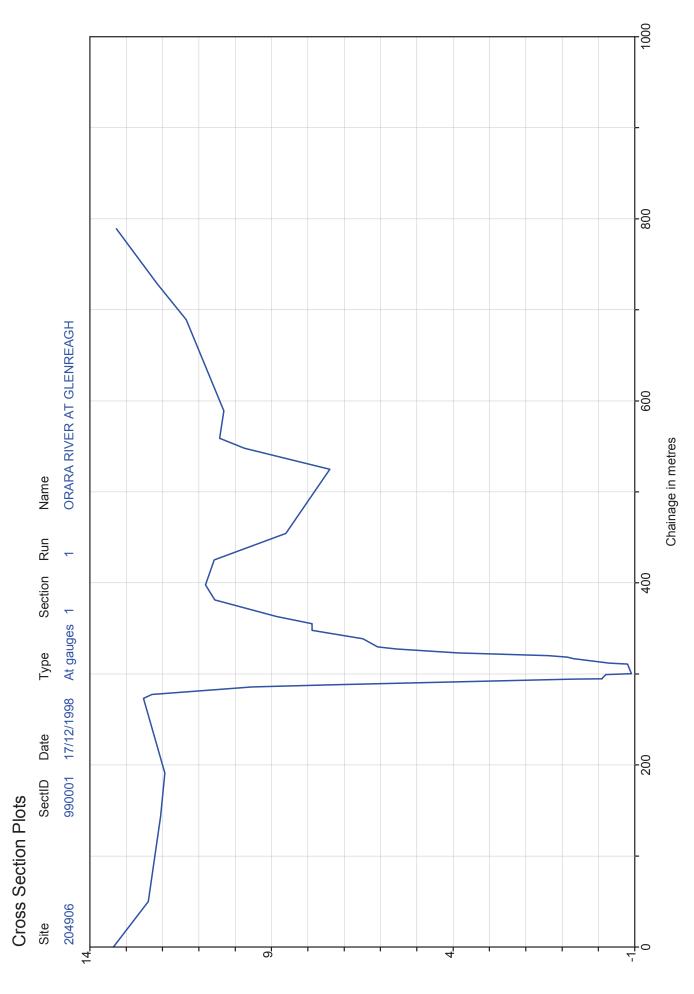
NSW Office of Water PINNEENA 9.3

ORARA RIVER AT GLENREAGH

204906



NSW Office of Water PINNEENA 9.3



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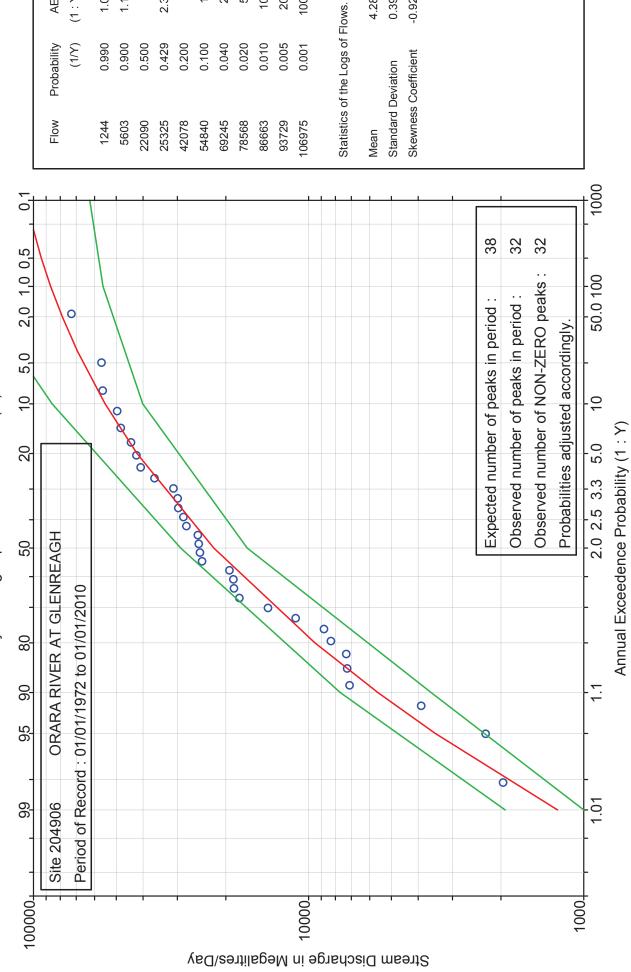
4.283 0.399 -0.929

100

NSW Office of Water

Log-Pearson Type III Analysis. (Annual Series)

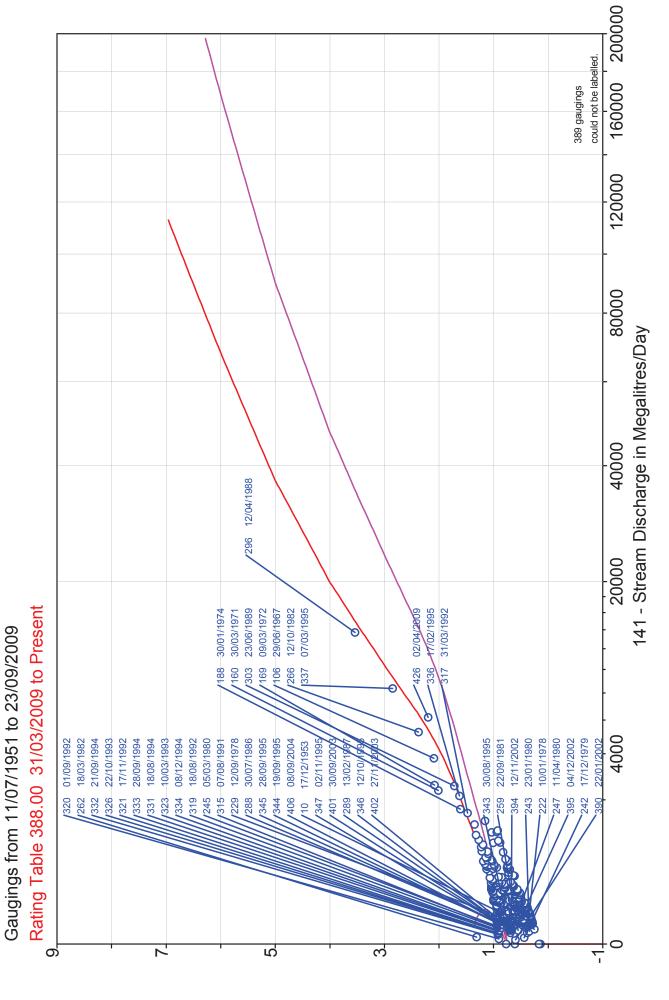
Probability of being Equalled or Exceeded (%)



NSW Office of Water PINNEENA 9.3

ORARA RIVER AT KARANGI

204025





Appendix C Community Consultation

UPPER ORARA RIVER FLOOD STUDY

NEWSLETTER NO.1

August 2011

About the Project

As part of the NSW Government's Floodplain Risk Management Process, Coffs Harbour City Council is developing a Flood Study for the Upper Orara River and its Bucca Bucca Creek tributary.

The Orara River and Bucca Bucca Creek catchments are located to the west of Coffs Harbour, and drain northwards to the Clarence River catchment. Orara Way and the Grafton to Coffs Harbour railway line are located on either side of the Orara River.

The Orara River passes near/through the villages of Karangi, Coramba, and Nana Glen before crossing the Coffs Harbour City/ Clarence Valley Shire boundary and flowing on to Glenreagh. Bucca Bucca Creek flows through Central and Lower Bucca before joining the Orara River below Nana Glen. Attached is a map outlining the study area.

Floodwaters rise quickly and can isolate properties and communities for several days. Many houses could be affected during a flood, necessitating evacuations.

Rainfall and river gauging data in the catchment is limited, however significant events have been recorded on gauges at Karangi and Glenreagh. In April 2009, the second highest flood level on record was recorded in the Upper Orara Valley.

The objective of this Flood Study is to define the flood behaviour under recent historical conditions and design flood behaviour under existing and future conditions in the study area. The output will provide flood levels, depths, velocities, flows, hydraulic categories, and provisional hazard categories.

GHD have been contracted by Council to carry out the Upper Orara River Flood Study.

Study Tasks

In general terms, the following key tasks will be undertaken:

- Collect, compile and review available flood data relating to the study area in order to obtain a full understanding of flooding issues in the study area;
- Undertake community consultation to gather information on historical flooding in the area and the impact of flooding on the local community;

- Gather additional survey of watercourses, structures (for example bridges, culvert, road levels);
- Develop flood models to simulate historical and design floods. Calibrate and validate these models against recent historical flood data (for example the April 2009 event; and
- Flood map flood extents, flood level contours and provisional flood hazards for the study area.

Community Information

Council and GHD are committed to listening to the concerns and issues of the community and stakeholders, and strategies are in place to ensure that this information is integrated into the study. There will be opportunities throughout the study for the local community and stakeholders to feedback their concerns and issues.

As a first step, the project team is keen to learn when and where previous flooding has occurred in the Orara River and Bucca Bucca Creek catchments and the surrounding areas, and how you and your property were affected.

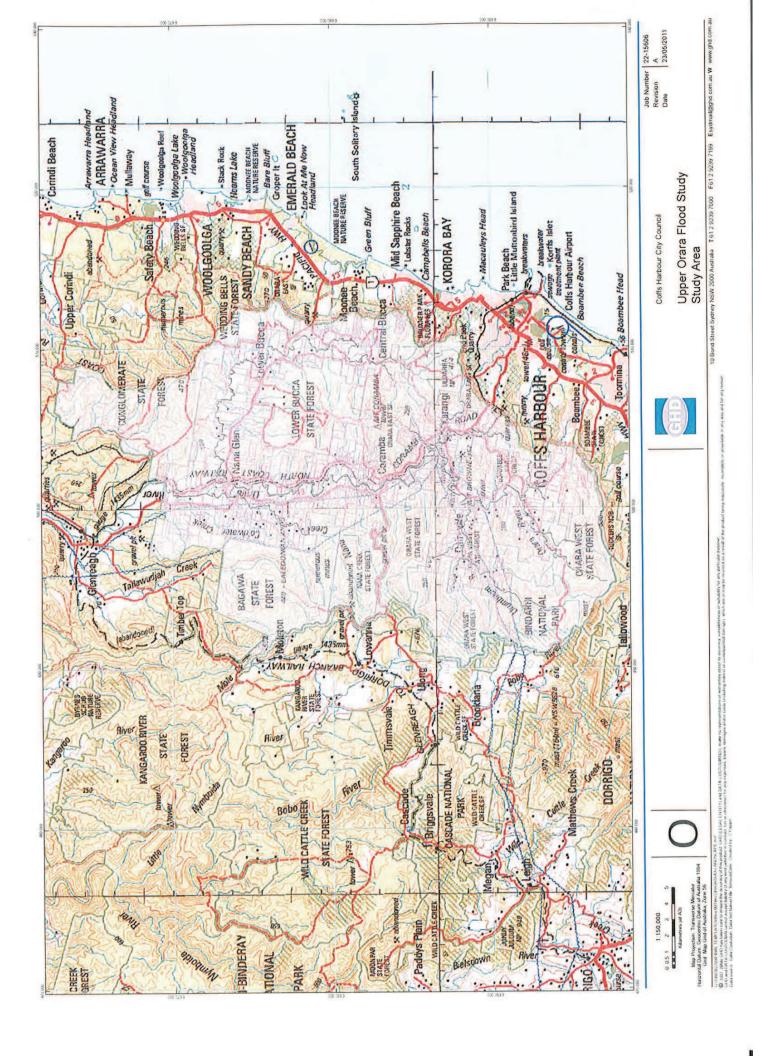
Attached is a survey questionnaire that all members of the community are encouraged to complete and return (postage paid). This is an opportunity to ensure that you have your say and that the information is captured.

For more information contact:

Lynne Clayton
Community Consultation
Upper Orara River Flood Study
Reply Paid 83475
GHD, Level 15, 133 Castlereagh Street
SYDNEY NSW 2000
Facsimile – 02 9239 7199
Email – community.input@ghd.com.au

Project Information Line 1800 810 680 (free call)

Attached is a survey questionnaire that all members of the community are encouraged to complete and return.



Survey

Upper Orara River Flood Study

Na	Name:					
Add	dress:					
Em	nail:					
Tel	ephone: Mobile:					
Ple	ease include my details in the stakeholder database to receive further information on the project (Tick here					
	How long have you lived in the Orara/Bucca Valley? Years Months Have you ever seen or experienced a flood while living in Orara/Bucca Valley? Yes No (Please tick)					
3.	If yes, in what years did the flood(s) take place?					
4.	Please describe the effects the flood(s) had on your property.					
5.	During the flood(s), was your property isolated by the flood waters?					
6.	During the flood(s), was access to your property restricted by flood waters?					
6.	How quickly do flood waters rise?					
7a	Did the flood waters pond, or do they drain rapidly?					
7b	. What was the duration of ponding (if any)					

8.	Did you note any flood marks?							
	Flood marks could be reliable height indicators that show the peak flood level during the flood event.							
	Eg Water stain or mark on buildings or other permanent features resulting from the flood.							
	-9	Any other identifiable mark that recorded the peak flood level, for example a h		e step or	floor, nail o			
		a post etc						
		Photos taken of the peak flood level.	- 0					
			**********	*********	******			
9.	Do you l	keep, or do you know anyone who keeps rainfall records of flood events?	Yes	No				
lf :	yes pleas	se outline what records you have or provide contact details of someone w	ho may ha	ave rain	fall records			
	********		*********	******	*******			

			***************************************	*********	L. C. L. S. L.			
10	. Do you	u have a flood emergency plan? If yes, can you please outline your plan						

	*********			*********				
11	. If you o	don't have a flood emergency plan, how do you prepare for a flood?						

12	2. Please	e describe the effects the flood had on you personally						
	**********		*******					

13	3. Are the	ere any other issues you would like us to take into consideration?						
			*******		*******			

Thank you for taking the time to complete this survey.

Your feedback is invaluable in assisting the Project Team.

Upper Orara River Flood Study Reply Paid 83475 GHD Attention: Lynne Clayton, Stakeholder Engagemer

GHD
Attention: Lynne Clayton, Stakeholder Engagement
Level 15, 133 Castlereagh Street
SYDNEY NSW 2000

No stamp required if posted in Australia





Your Council Working for You



PRE-ELECTION CANDIDATE SEMINARS

In September 2012 the NSW Local Government Elections will be held.

Councillors can play a key role in making decisions that influence both the short-term concerns and long-term strategic direction of their local community.

A series of pre-election seminars has been organised, facilitated by Local Government Learning Solutions. Each seminar is designed to provide prospective councillors with the information they will need to make a considered decision and prospective councillors are strongly advised to attend.

Thurs 17 May 2012, 6pm — 9pm OR Sat 26 May 10am — 1pm

Room 1 Community Village, Earl St Coffs Harbour

For more information please see Council's website. Bookings are preferable. To secure your place, go to the website at www.coffsharbour.nsw.gov.au or call 66484216.

In addition, representatives from the Electoral Funding Authority and the NSW Department of Local Government will present a seminar on legislative requirements associated with becoming a councillor on June 12, from 5pm – 8pm, also at the Community Village.

UPPER ORARA RIVER FLOOD STUDY COMMUNITY INFORMATION SESSION 7pm, Monday 30 April 2012 Coramba Community Hall

Coffs Harbour City Council has engaged consultants GHD to carry out a Flood Study for the Upper Orara River and its Bucca Bucca Creek Tributary to improve Council's planning for future floods. The study has progressed considerably and is nearing completion.

To inform residents about the progress of the study and to assist residents who have questions about the study, a Community Information Session is being held at 7pm on Monday 30 April 2012 at the Coramba Community Hall in Dorrigo Street, Coramba.

Should you have any enquiries about the Information Session or the Flood Study, please contact Council on 6648 4459 during office hours (8:30am to 4:30pm).

DRAFT POLICY -LIQUID TRADE WASTE

On 12 April 2012 Council approved the public exhibition of a draft Liquid Trade Waste Policy to invite submissions from interested parties.

The Draft Liquid Trade Waste Policy is intended to replace the existing Liquid Trade Waste Policy.

The draft policy is on exhibition until Monday 14 May 2012 and can be accessed online via the website or a hardcopy is available at Council's Administration Building.

Submissions regarding this policy will be received up until 5.00pm on Monday 28 May 2012.

POSITIONS VACANT

Labourer CityWorks (Rural)

Salary range \$39,254.32 to \$42,145.08 per week + RDO + super

For more information about this position and to apply on-line please visit our website at www.coffsharhour.nsw.gov.au

Water Efficiency Initiative

NOTICE TO WATER USERS

PERMANENT LEVEL 1 WATER RESTRICTIONS APPLY
THIS NOTICE TOOK EFFECT ON SATURDAY 6 NOVEMBER 2004 THIS IS A
PERMANENT WATER EFFICIENCY INITIATIVE

Water restrictions apply to all consumers connected to the Coffs Harbour and District Water Supply, including Coramba, Nana Glen and Corindi Town Water Supply Schemes as set out:

Sprinklers and Fixed/Unattended Hoses banned between the hours of 8:00am to 4:00pm daily. Building maintenance allowed with trigger nozzle hoses or pressure cleaners. Hosing of driveways and paved areas are banned except for health reasons, pressure cleaners allowed.

Breaches of the above restrictions or misuse of water could attract an on the spot fine of \$220.00 under the Local Government (Water Services) Regulation 1999.

These restrictions apply to ALL CONSUMERS including residential properties, public areas, commercial premises, motels, holiday apartments and caravan parks.

Commercial organisations and businesses who are adversely affected should contact Council's Water Engineering Department on 6648 4428.

Properties that use alternative water supplies (e.g. bores or tanks) are to have appropriate signage, on the property being watered, clearly visible from the street.

Cautious approach in draft budget

Rates and Charges for a Typical Residential Ratepayer

Rates & Charges	2011/2012 (\$)	2012/2013(\$)	Increase (\$)
Residential Ordinary Rate	871.42	903.12	31.70
Environmental Levy	35.91	37.16	1.25
Sewerage Access Charge	720.00	760.00	40.00
Water Access Charge	131.00	135.00	4.00
Water Usage (250 KL pa)	590.00	620.00	30.00
Domestic Waste Service	400.00	460.00	60.00
Stormwater Management	25.00	25.00	0.00
Totals	2,773.33	2,940.28	166.95

(The table is based on an average residential ratepayer's land valuation of \$184,700 for 2012/2013 and water usage charges of 250 kilolitres per annum. Water, Sewerage, Stormwater Management and Domestic Waste Service charges are not subject to rate pegging restrictions.)

PROVIDING local government works and services for a growing regional centre like Coffs operating and maintaining the city's infrastructure.

works and services for a growing regional centre like Coffs
Harbour is an enormous

Harbour is an enormous enterprise, with Council's Draft Budget detailing expenditures of about \$200M in 2012/2013.

Coffs Harbour Mayor,
Councillor Keith Rhoades, said the wide range of programs supported by the General, Water and Sewer funds promised that it would be a pottler busy west for would be another busy year for Council.
"We'll be seeing works

continue on the extensive flood mitigation and drainage programs, harbour foreshores upgrade and museum redevelopment," said Councillor

redevelopment," said Councillor Rhoades.
"Other programs this year include the Coramba water main development, the second stage of the reclaimed water pipeline, the new public amenities upgrade initiative, the Bonville Rural Residential Environmental Studies and airnort Studies and airport improvements.

"There's also a wide range of

"There's also a wide range of ongoing projects, services and processes – including the local government election in September this year – that claim every last dollar in the budget." During 2012/2013, Council will work with the community to review the Coffs Harbour 2030 Community Strategic Plan. At the same time, Council will continue the fine-tuning of its Long Term the fine-tuning of its Long Term Financial Plan and Asset

city's infrastructure. The year will also see ongoing efficiency savings resulting from the organisation-wide Service Review that Council carried out in 2011. The recommendations aim to build on opportunities to improve the way Council goes about its business

Have Your Say

Council is hoping the Coffs Harbour community will study the draft budget documents and provide feedback on its plans for 2012/2013.

The drafts are on public exhibition from Monday, 16 April to Monday, 14 May 2012. They can be accessed at Council's website: www.coffsharbour.nsw.gov.au/consultation. Printed copies are also available for viewing at the following

- Council's Administrative Centre (corner of Castle and Coffs
- Branches of the City Library (Coffs Harbour, Toormina, Woolgoolga)
- Coffs Harbour Visitor Information Centre
- General Stores and Post Offices in Karangi, Coramba, Nana Glen, Lowanna, Ulong, Corindi and Red Rock.

Community submissions can be made by email to coffs.council@chcc.nsw.gov.au, with the subject line 'Submission to the Draft 2012/2016 Delivery Program and Draft 2012/2013 Operational Plan' or via our website at

www.coffsharbour.nsw.gov.au/consultation
Postal submissions on any issues relating to the Draft
2012/2016 Delivery Program and Draft 2012/2013 Operational
Plan should be sent to: The General Manager, Coffs Harbour
City Council, Locked Bag 155, Coffs Harbour, NSW 2450. Submissions close at 5pm on Monday, 14 May 2012.

Council's policy generally permits public access to submissions received by Council. Persons wishing that information about them not be released should notify Council in writing (specifying reasons for the request) at the time of lodging their submissions.

Coffs Harbour City Council Administrative Centre Cnr. Coff Street & Castle Street Phone: 6648 4000 ~ Fax: 6648 4199

www.coffsharbour.nsw.gov.au



COUNCIL'S BUSINESS HOURS ARE FROM 8AM TO 5PM MONDAY TO FRIDAY. THIS INFORMATION IS AUTHORISED BY STEVE MCGRATH, GENERAL MANAGER



COFFS HARBOUR CITY COUNCIL

Your Council Working for You



UPPER ORARA RIVER FLOOD STUDY COMMUNITY INFORMATION SESSION 7pm, Monday 30 April 2012 **Coramba Community Hall**

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Should you have any enquiries about the Information Session or the Flood Study, please contact Council on 6648 4459 during office hours (8:30am to 4:30pm).

JAPANESE FESTIVAL OF CHILDREN'S DAY **SUNDAY, 6 MAY 2012**

Gates open 10.00am at the Japanese Section of the North Coast Regional Botanic Garden, Coffs Harbour.

Harbour.

All children and their parents are invited to come along, bring a picnic and join in activities at the Australian award winning Japanese Festival of Children's Day.

Coffs Harbour City Council and the Friends of the Botanic Garden will be flying the 200 Koinobori carp flags, given to the people of Coffs Harbour by the people of our sister city, Sasebo.

Entertainment will be provided by Karate and Judo demonstrations, Taiko Drummers performance group, Kizuna – Traditional Dance, games and storytelling, Anime Fashion Parades, kite flying, displays of Koi Fish, information booths and traditional stalls.

Workshops will include: Origami, calligraphy, Manga Masks design and kite making with Leading Edge Kites.

Large choice of foods including Sushi, Japanese BBQ, traditional Melonpan bread, refreshments and lots more.

POSITIONS VACANT

Labourer CityWorks (Rural)

Salary range \$39,254.32 to \$42,145.08 per annum + RDO + super For more information about this position and to apply on-line please visit our website at www.coffsharbour.nsw.gov.au

HERITAGE STUDY (REVIEW AND UPDATE) COMMUNITY HERITAGE WORKING GROUP

Council is preparing (reviewing and updating) a list of heritage places and items in the Coffs Harbour local government area that are valued by the community. We are seeking your help with this project.

Residents of the area interested in its history and heritage are invited to join the project heritage

Working group.

This project is an ideal opportunity for the community to have its say in identifying and conserving the heritage of Coffs Harbour into the future. If you are interested in nominating for a position on the heritage working group please contact: Robin Hedditch (Coffs Harbour City Council Heritage Advisor)

Telephone – 0.2 6648 4657 / 0425 033309

Fax - 02 6648 4655

robin.hedditch@chcc.nsw.gov.au
The closing date for nominations is 11 May 2012

This project is supported by the NSW Heritage Branch, Office of Environment and Heritage

SUPPLY AND IMPLEMENTATION OF AN INTEGRATED PAYROLL AND HUMAN RESOURCES SYSTEM CONTRACT NO. RFT-536-TO

Coffs Harbour City Council invites tenders from suitably qualified suppliers for the supply and implementation of an Integrated Payroll and Human Resources System.

Interested parties are required to register via the e-tendering portal www.tenderlink.com/coffsharbour to download documents and submit tenders electronically free of charge. If you have difficulties accessing the above website please call the Tenderlink Help Desk on 1800 233 533.

Tenders must be submitted electronically via Tenderlink's electronic Tender Box no later than 3.30pm Tuesday, 29 May 2012.

Enquiries should be directed to Steve Bayliss, Chief Information Officer on 02 6648 4300 or steve.bayliss@chcc.nsw.gov.au

COUNCIL MEETING DATES FOR MAY 2012 IN COUNCIL'S ADMINISTRATION BUILDING

5.00pm - Public Forum - Residents are invited to address Councillors.

Please apply to the Mayor's Office by 7 May Thursday 10 May

- Ordinary

Thursday 24 May 5.00pm - Ordinary

To see this notice in full, go to the Public Notices section on Council's website www.coffsharbour.nsw.gov.au. Copies of the business papers may be viewed online or at the Coffs Harbour, Toormina and Woolgoolga libraries two days prior to the meetings.

NOTIFICATION IN ACCORDANCE WITH SECTION 101 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT OF CONSENT GRANTED UNDER THAT ACT

Development: Land:

Subdivision (2 lots) Lot 2, DP537647, No. 240 Red Ridge Road Upper Corindi (DA 310/10)

Development:

Medical Centre (change of use from dwelling) Lot 100, DP831415, No. 296 Harbour Drive, Coffs Harbour (DA 966/11)

Subdivision (Subdivision of Lot 4, DP270533 into 2 lots (Community Title)) Lot 4, DP270533, No. 351 Pacific Highway North and No. 19 West Korora Road, Coffs Harbour (DA 297/12) **Development:**

Development: Land:

Medical Centre (alterations and additions) Lots 9 and 10, Section 5, DP758258, No. 44 Gordon Street, Coffs Harbour (DA 302/12)

Development: Land:

Shop (ancillary advertising structure) Lot 2, DP 1063045, No. 2B Moonee Beach Road, Moonee Beach (DA 460/12)

Development: Land:

Tourist Facility (3 holiday cabins)
Part Lot 157, DP 752853, No. 105 Condons Road, Sandy Beach (DA 379/10)

Development:

Tourist Facility (2 x holiday cabins) Lot 4, DP259396, No. 41 Saye Close, Sandy Beach (DA 777/11)

Subdivision (five lots, including new road) Lot 13, DP855740, Orara Street, Nana Glen (DA 206/12) Development:

Development:

Subdivision (3 lots) Lot 1, DP 394591 and Lot 1, DP 1129738, No. 90 Rippingales Road, Korora

(DA 84/12)

Subdivision (2 lots) and Demolition (existing dwelling) Lot 322, DP 752834, No. 144 & 178-214 Korora Basin Road, Korora (DA 942/11) Development:

Development:

Subdivision (2 lots) Lot 1, DP1157402, No. 315-317 Old Coast Road, Korora (DA 68/12)

Recreation Facility (Martial Arts Centre) and Light Industry (Electrical Contractor) Lot 15, DP803060, No. 14 Keona Circuit, North Boambee Valley (DA 316/12) **Development:**

Subdivision (boundary alteration – 2 lots) Lots 101 and 102, DP1096587, No. 101 Old Coast Road, Korora (DA 502/12)

Development:

I and

Depot (additions) Lot 5, DP873485, No. 2586 Pacific Highway, Woolgoolga (DA 512/12)

Medical Centre and Subdivision (Subdivision of Proposed Lot 51 (Development Consent No. 1124/10) into two lots [1 \times 5,000m2, 1 \times 3984m2]) Lot 5, DP733213, Stadium Drive, Coffs Harbour (DA 468/12) Development:

Development:

Animal Establishment (cattery) Lot 9, DP 245118, No. 39 Braford Drive, Bonville (DA 962/11)

Development:

Medical Centre (convert dwelling to medical centre) Lot 1, Section 39, DP 758258, No. 252 Harbour Drive, Coffs Harbour (DA 520/12)

Telecommunications facility (30m monopole and associated equipment) Lot 10, DP1147383, No. 270 Old Coast Road, Korora (DA 679/12)

Development:

Subdivision (boundary adjustment) Lots 1 and 2, DP234485, Nos. 29 and 29A Campbell Close, Korora (DA 972/11)

Communications Facility (telecommunications tower) Lot 631, DP1080041, Buchanans Road, Coffs Harbour (DA 1081/11)

Multi-unit housing and subdivision (5 units and 5 lot Strata) Lot 10, DP270728, Berkeley Drive, Bonville (DA 122/12)

Educational Establishment (additions and alterations to covered outdoor

Learning area)
Lot 9, DP 813195, No. 111 North Boambee Road, North Boambee Valley

The above development consents are available for public inspection, free of charge, during ordinary office hours (between 8.00 am and 5.00 pm Monday to Friday, excluding Public Holidays) at Council's Administrative Centre, cnr Coff and Castle Streets, Coffs Harbour

www.coffsharbour.nsw.gov.au

Development:

Development:

Development:

Land:

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