



The five fish hotels installed in the Tweed River near Dunbible Creek. The hotels replicate naturally occurring snags.

## Tweed fish hotels open for business

Tweed Shire Council has taken steps to turn the upper reaches of the Tweed River into a haven for marine life with the installation of five 'fish hotels' upstream of Murwillumbah.



The location of the 'hotels' opposite where the Tweed River meets Dunbible Creek.

The rock and log structures, designed to replicate naturally occurring snags, have been installed as part of recently completed erosion works in the upper Tweed River Estuary and opposite where the river meets Dunbible Creek.

The aim of the project was to stabilise about 600 metres of river bank severely eroded in the March 2017 flood, replace native riparian vegetation and enhance fish habitat.

Council carried out the work in partnership with OzFish.

OzFish Tweed River Chapter President Simon Fitzpatrick said he was thrilled Council had done the work and that improving fish habitat was high on Council's list of objectives.

"The Tweed River has long been in need of bank and fish habitat restoration and we are pleased to work with Council to improve that – the bass are going to love it," Mr Fitzpatrick said.

Next, 1000 trees will be planted across the site, again with Council staff and contractors working with OzFish volunteers.

The work was partly funded by the NSW Environment Trust and undertaken in cooperation with the landowner.

## New life for 25-year-old Koala Beach reservoir

Tweed Shire Council is refurbishing its Koala Beach reservoir at Pottsville to give the 25-year-old tank a new lease of life.

The reservoir is getting an entirely new roof and free-standing stair access, similar to those on other Council reservoirs.

There will be a new rooftop platform, access hatch and handrails designed to make the structure a safer workplace for Council employees.

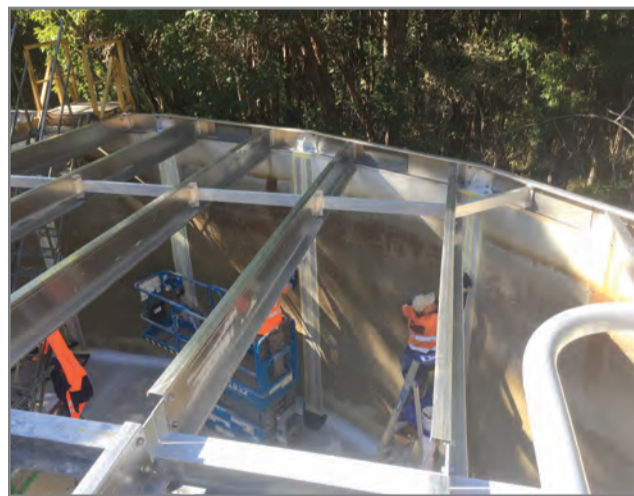
The \$300,000 refurbishment project began in early June and is due to be completed by the end of July.

The old tank, topped by steel roof sheeting and supported by lightweight galvanised framing was showing signs of corrosion.

The reservoir walls were constructed using precast panels post-tensioned to hold them together. Over time, they were expected to be susceptible to leaks. All the internal joints are now being sealed to provide a watertight facility.

The refurbished tank will reduce the risks of working at heights and the likelihood of anyone being able to trespass on the structure.

The reservoir services the Koala Beach estate and will have a minimum extra lease of life of 25 years.



Contractors seal the internal joints of the reservoir wall.

## Options sought to up capacity of plant for growth

Tweed Shire Council has commissioned a study to look at options to upgrade the Murwillumbah Wastewater Treatment Plant.

The upgrade primarily would focus on increasing the capacity of the plant to service the new Murwillumbah Industrial Central precinct, which will come online in the next few years.

The options study will place a strong emphasis on the reuse of effluent, with the bulk of the effluent treated now being reused by the Condong Sugar Mill.

"In upgrading the capacity of the plant we hope to have the effluent treated to such a standard that it could be reused by anyone interested in recycled water," Manager Water and Wastewater – Business and Assets Anthony Burnham said.

Council has engaged NSW Public Works Advisory to develop concepts for augmenting the plant.

"We have asked them to provide the broadest range of options, including cutting-edge technology options, to produce a recycled water stream suitable for reuse."

Council also has engaged the Office of Environment and Heritage to undertake modelling of the Tweed River to determine the best way to manage recycled water in the stream.

"In looking to expand the capacity of the Murwillumbah plant, we are not only looking at servicing existing industries but also at attracting more businesses to the Tweed to continue to enhance the economy and lifestyle of the Tweed."

## Aqua fitness classes open at all TRAC pools

Adult aqua fitness is back on the program at Tweed Regional Aquatic Centres in a COVID safe manner.

Classes are offered at all three pools and participants are asked to book direct by telephoning:

- Murwillumbah – 02 6670 2750
- Kingscliff – 02 6671 2945
- Tweed Heads South – 07 5569 3120

Strict hygiene practices and social distancing must be maintained. Swimmers and aqua program participants are asked to come dressed for the pool as change rooms will not be open.

Aqua fitness is designed to benefit all people regardless of their level of fitness through:

- improved fitness, balance, flexibility, coordination and strength
- reduced stress and anxiety
- improved brain health
- increased flexibility
- reduced muscle and joint pain
- rehabilitation from injury.

For timetables and more details, go to [trac.tweed.nsw.gov.au](http://trac.tweed.nsw.gov.au)



Aqua fitness is back on at TRAC.

## You can pay Council online

Tweed Shire Council has introduced a new online customer payment solution – eProperty – it is now live and available on Council's website.

Previously customers had to pay by cash, cheque, BPAY or over the phone by credit card.

**Why was eProperty developed?**

- To provide customers with a 24/7 online payment portal so they can complete payments for rates and water notices, invoices, debtors and certain property applications online at a time that suits them.
- To improve the customer experience and deliver efficiencies that will speed up application processing.

**What benefits does eProperty offer?**

- eProperty provides an online 24/7 payment portal for Council's customers to pay:
  - rates
  - water rates
  - debtor notices
  - invoices
  - application fees and charges (with the exception of developer contributions).
- eProperty allows customers to view their balances online, choosing the payment they want to make without having to contact or visit Council.
- Customers who have a debtor account or need to pay for multiple applications can now do this online in one transaction.
- Customers can access Council's payment options and eProperty from a computer, mobile phone or tablet.

eProperty is supported by the 'Customer Guide – ePayment' and 'how to' videos at [www.tweed.nsw.gov.au/paymentoptions](http://www.tweed.nsw.gov.au/paymentoptions) or go directly to eProperty at [eproperty.tweed.nsw.gov.au](http://eproperty.tweed.nsw.gov.au)



Use Council's eProperty portal to pay a variety of invoices.



# Race against the clock to replace corroded water main

Tweed Shire Council Reticulation staff worked into the early hours last week to repair a broken water main at North Tumbulgam to ensure the residents of Terranora, Bilambil Heights and Tweed Heads West had drinking water.

A 40-year-old pipe runs on the northern side of Dulguigan Road next to the Tweed River and crosses a stormwater drain protected by a flood gate. The pipe had corroded and burst after many years of exposure to tidal salt water. A 12-metre section of the pipe had to be cut out and replaced with a new 2½-tonne section of Sintakoted pipe.

Detailed planning for the huge logistics job began last week, as every aspect of the repair had to have a Plan B in place, as the reservoir that services the communities holds less than two days' water supply.

Two five-man labouring crews worked on rotation, supported by a welding crew, 20-tonne excavator and crane to lift the pipes in and out under the on-site supervision of John Anderson and Troy Burns. Three traffic controllers were on site throughout and an extra generator and compressor were on stand-by.



The pipe is loaded for delivery to site.

## Resident and Ratepayer Association meetings

**Banora Point & District Residents Assoc.** meet at the South Tweed Sports Club commencing at 6.30pm, Monday 3 August.

**Chinderah Districts Residents Association Inc.** meeting will be held Tuesday 4 August, at 24 Kingscliff Street, Uniting Church Hall. Opposite Eloura nursing home Kingscliff at 7pm.

**Kingscliff Ratepayers and Progress Association** meetings have been cancelled until further notice.

## Request for offer

**RF02020076 Design, Supply and Installation of Solar Systems – Kingscliff Library, Kingscliff Pool and Tweed Heads Depot**

**Offers close:** Wednesday 12 noon 5 August 2020

**RF02020070 – Green Waste Processing – Stotts Creek Resource Recovery Centre**

**Offers close:** Wednesday 12 noon 12 August 2020

Offers must be lodged as specified in the offer documentation.

Request For Offer documentation is available at no charge from Council's website at [www.tweed.nsw.gov.au/tenders](http://www.tweed.nsw.gov.au/tenders).

All Offers will be opened at closing time and will be considered by Council in accordance with the provisions of the *Local Government Act 1993* and the *NSW Local Government (General) Regulation 2005*. The lowest or any offer is not necessarily accepted and canvassing of Councillors or staff will disqualify.

For further information please contact Contracts Administration on 02 6670 2606.

## Naming of roads in subdivision

Notice is hereby given that the Tweed Shire Council, in pursuance of Section 162 of the *Roads Act 1993*, has approved the name of roads in a plan of subdivision (DA10/0222) in Casuarina in the Shire of Tweed as shown below:

- Black Wattle Circuit
- Blue Horizon Drive
- Candlenut Street
- Cowrie Lane
- Grand Parade
- Habitat Drive
- Raintree Lane
- Seawell Lane
- Sunray Lane

Authorised by the delegated officer, General Manager, Tweed Shire Council, PO Box 816, Murwillumbah, 2484.

## Current vacancies

View current vacancies at [www.tweed.nsw.gov.au/careers](http://www.tweed.nsw.gov.au/careers)

Subscribe to receive Job Vacancy Alerts via email at [www.tweed.nsw.gov.au/subscribe](http://www.tweed.nsw.gov.au/subscribe)

**WATER WEEK 5** Check when your water meter is read at [www.tweed.nsw.gov.au/meterreading](http://www.tweed.nsw.gov.au/meterreading)



The old pipe is lifted from the trench.

At dusk, mobile lights were switched on and by 11pm the repair was complete. A fresh crew was called in to monitor the three-hour refill of the water main, fully restoring supply. The last men clocked off at 1.30am.

"Like many of our pipeline repairs, this job presented several challenges," Manager Water and Wastewater – Operations Brie Jowett said.

"Once you shut down these water mains your time is very limited. Also, once the pipe is cut there is no return; you just have to get the job done.

"This means you need to try to measure and estimate everything you need while the water main is buried and in service. Everything needs to be made to fit in advance. You need to adapt quickly to any modifications needed on site to suit the actual conditions and what you find when you dig up and cut the pipe."

Before they began the repair, the Banora Point reservoir needed to be filled to buy the time to get the job done. Then, the tidal waters of the Tweed River had to be blocked off by placing heavy concrete blocks in the waterway to wedge shut the floodgates.

The damaged main needed to be drained and emptied and the new main cleaned and chocked closed to ensure no contaminants, such as contaminated water or soil, entered the system.

The trenching to remove the old pipe and lift in the new was three metres deep and needed to be shored up against collapse, as the welders had to get in and under the pipe to do their jobs.

The workers also needed protection from the acid sulphate soils on site. These reactive soils presented an additional challenge to the welding crew as any contact with the soil had to be avoided.

The handling of the pipe and bedding under the new pipe had to be perfect to protect the pipe. Any scratches on the Sintakote coating have the potential to result in future corrosion and leakage.

All joints had to be welded and then wrapped.

After more than a week in planning and a very long day on Tuesday 21 July and into the early hours of Wednesday, the water main in this location is now in good repair for many years to come.



As the sun sets, the new pipe is ready to be lifted into place.

# Five COVID safe steps for businesses

**It's been a busy few months for businesses; re-opening, welcoming patrons and staff back, developing and implementing a COVID safe plan.**

Now that businesses have had time to adjust to the new normal, inspections by NSW Public Health Officers and Tweed Shire Council's Health Inspectors are in progress.

To meet your inspection obligations, having a registered COVID-safety plan is essential as well as displaying COVID-19 information posters provided by NSW Government and demonstrating that your business adheres to all five steps.

1. Have a registered COVID-safety plan in place.
2. Manage venue capabilities and physical distancing.
3. Adopt good hygiene for staff, patrons and contractors.
4. Exclude staff, patrons and contractors who are unwell or have symptoms.
5. Keep a record of staff, patrons and contractors.

Food businesses are reminded that if you have one table of 10 diners, this equates to 40 square metres of the total usable space at the venue.

Fines for non-compliance can be issued so please ensure your business is COVID-19 compliant to prevent an outbreak in the Tweed. For COVID-19 Safety Plans by industry visit:

- [www.tweed.nsw.gov.au/foodbusinesses](http://www.tweed.nsw.gov.au/foodbusinesses)
- [www.tweed.nsw.gov.au/business/beautyservicesandtattooing](http://www.tweed.nsw.gov.au/business/beautyservicesandtattooing)
- [www.nsw.gov.au/covid-19/covid-safe-businesses](http://www.nsw.gov.au/covid-19/covid-safe-businesses)
- [www.foodauthority.nsw.gov.au](http://www.foodauthority.nsw.gov.au)



## Development Application determinations

Notification of Development Application Determinations for the purposes of Section 4.59 of the *Environmental Planning and Assessment Act 1979* (as amended).

### Application details

#### Approved

**DA20/0340** – Carport within front building line  
Lot 7 DP 30318, No. 11 Bimbadeen Avenue, **Banora Point**

**DA20/0331** – Garage and retaining walls  
Lot 221 DP 867487, No. 2 Aspen Place, **Bilambil Heights**

**DA20/0347** – Alterations to existing dwelling  
Lot 8 DP 565198, No. 14A Thomas Street, **Bray Park**

**CDG20/0063** – Complying Development Certificate for alterations to existing dwelling  
Lot 143 DP 1030322, No. 584 Casuarina Way, **Casuarina**

**DA20/0304** – Dwelling with attached garage and in-ground swimming pool  
Lot 6 DP 881229, No. 55 Crooks Valley Road, **Crystal Creek**

**DA20/0337** – Alterations and additions to existing dwelling including carport within front building line  
Lot 124 DP 241663, No. 18 Faulks Street, **Kingscliff**

**DA20/0365** – Carport  
Lot 194 DP 1232786, No. 50 Cylinders Drive, **Kingscliff**

**DA20/0411** – Alterations and additions to dwelling  
Lot 5 DP 873094, No. 11 Kingfisher Circuit, **Kingscliff**

**DA20/0392** – Enclosed patio  
Lot 621 DP 1243648, No. 69 Rous River Way, **Murwillumbah**

**DA20/0407** – In-ground swimming pool  
Lot 703 DP 1068713, No. 10 Moonee Street, **Pottsville**

**DA20/0391** – Home office  
Lot 1 DP 1003372, No. 973 Reserve Creek Road, **Reserve Creek**

**DA20/0144** – Dwelling  
Lot 3 DP 618264, No. 278 Round Mountain Road, **Round Mountain**

**DA20/0341** – Two storey dwelling with 1.5m high front fence and retaining walls  
Lot 5 DP 1160811, No. 239 Tweed Valley Way, **South Murwillumbah**

**DA20/0399** – Retaining wall  
Lot 29 DP 749034, No. 3 Eglemont Drive, **Terranora**

**DA20/0319** – Alterations and additions to existing dwelling, pool and deck and carport within the front building line  
Lot 208 DP 249155, No. 13 The Bowsprit, **Tweed Heads**

**DA20/0376** – Use of carport, front fence and verandah  
Lot 1 SP 48348, Unit 1/No. 36 Vintage Lakes Drive, **Tweed Heads South**

**DA20/0420** – Deck extension and retaining wall  
Lot 2 DP 617743, 15A Charles Street, **Tweed Heads**

**DA20/0158** – Alterations and additions to existing dwelling including attached secondary dwelling  
Lot 164 DP 1058012, No. 3 Cornet Lane, **Casuarina**

**DA20/0139** – Detached secondary dwelling  
Lot 3 DP 245580, No. 22 Lloyd Street, **Tweed Heads South**

The above development determinations are available for public inspection free of charge at the Planning and Regulation Division, Murwillumbah Civic Centre, during ordinary office hours or viewed on Council's DA Tracking site located at [datracker.tweed.nsw.gov.au](http://datracker.tweed.nsw.gov.au)

02 6670 2400 or 1300 292 872

[tsc@tweed.nsw.gov.au](mailto:tsc@tweed.nsw.gov.au)

Subscribe to the Tweed Link online at [www.tweed.nsw.gov.au/subscribe](http://www.tweed.nsw.gov.au/subscribe)

PO Box 816, Murwillumbah NSW 2484

[www.tweed.nsw.gov.au](http://www.tweed.nsw.gov.au)

or follow Council on: [f](https://www.facebook.com/tweedshire) [i](https://www.instagram.com/tweedshire) [y](https://www.youtube.com/tweedshire) [in](https://www.linkedin.com/company/tweedshire)

