

Scientists surveying aquatic habitat

Council consultants have completed the first survey of Doon Doon Creek and the Tweed River down to Bray Park Weir to determine how a raised Clarrie Hall Dam may affect fish and other aquatic species.

The scientists from Eco Logical recently studied 18 kilometres of waterway, noting habitat features of the river and the location of pools, riffles (rocky or shallow parts with rough water) and rapids.

They took 640 depth-readings and found depths ranging from just a few centimetres to one pool 10 metres deep in the river.

During the survey they sighted Australian bass, freshwater catfish and schools of freshwater mullet.

The scientists will return to the Tweed in spring and summer to look for fish, frogs and other aquatic creatures at six sites identified in the first survey. To do this, they will rely on both visual sightings and nets.

They also will install loggers to monitor the dissolved oxygen content and temperature in the water, and any changes to them over the seasons. This will inform Council if layers are forming within the deep pools which are low in oxygen or colder than the surrounding water. These layers can be harmful to aquatic species and reduce water quality.

The scientists will return to monitor the waterways during a release from Clarrie Hall Dam, if and when one is required. Releases occur during times of low flow to ensure the continued health of the waterway or, occasionally, to assist to hold back a saltwater high tide from overtopping the Bray Park Weir pool.

From the field data collected, Eco Logical will recommend an environmental flow regime from the dam that will minimise any impact of the raising of dam wall on the downstream ecology while maintaining water security for the Tweed Shire.

The methodology used by the Eco Logical scientists for the Clarrie Hall Dam Environmental Flows Assessment can be found in the Document Library at www.yoursaytweed.com.au/clarriehalldam

The Eco Logical team would like to learn from local knowledge about the flora and fauna in the creek, or observations of the creek. Residents with information can provide that direct to the Your Say Tweed site or by contacting them via Council on (02) 6670 2400.



Senior River Scientist Dr Mark Southwell takes a depth reading on the Tweed River.

Celebrating biodiversity on the Border Ranges

Anyone interested in protecting the shire's biodiversity and becoming more active in its conservation is invited to a free Biodiversity Information Day to be held at Chillingham Hall on Saturday, 21 July 2018, from 9am – 12.30pm.

The morning will begin with an update on the Numinbah Nature Links project, a three-year threatened species habitat recovery project being conducted on six private properties.

"The project has restored 26 hectares of high conservation value habitat supporting 19 threatened plant species and reduced



A threatened Giant Barred Frog photographed on site at Numinbah by bush regenerator Sam Dawson.

Where should we plant the trees?

Council and Tweed Landcare is asking the community to have their say on where trees should be planted on the bank of Duroby Creek at Bilambil Road Park to celebrate National Tree Day this year.

Council staff and Landcare members will be on site at the park this Saturday, 7 July, from 10–11.30am, to explain the proposed tree planting layout with locals and park users.

The tree-planting will then take place on National Tree Day on Sunday 29 July.

weed threats to neighbouring World Heritage Listed Numinbah Nature Reserve," Council's Project Officer – Biodiversity Michael Corke said.

Next, Bushland Officer John Turnbull will talk about the Native Species Planting Guide, which contains detailed information on more than 1500 locally occurring native plant species and complements the hard-copy My Local Native Garden booklet.

The online guide includes details of plant size, habit and flower colour along with environmental tolerances, ecological relationships and nursery availability. It will help landholders and bush regenerators select the most appropriate plant species for their gardens or restoration projects based on their location within the shire and site-specific characteristics.

"The online guide and booklet will give landholders greater confidence that the plants they select will thrive and that the habitat they create will enhance the survival of native fauna species," Mr Corke said. "It is a great way to support biodiversity conservation."

A presentation on the significance of the Border Ranges will be delivered by local ecologist Lui Weber.

"Lui has been exploring our region since he was a child," Mr Corke said. "His specialist knowledge of local flora and considerable field experience in identifying rare and threatened plant species is widely recognised."

Lui will discuss the biodiversity values of the Border Ranges – such as its high levels of plant endemism and large concentration of threatened species – and how increasing our understanding of the evolution of local rainforest and other ecosystems will help us conserve them in future.

"The day is about bringing people together to celebrate our natural heritage, reflect on its significance and recognise our collective conservation efforts. It's a must for anyone interested in learning more about our shire's biodiversity and becoming more active in its conservation," Mr Corke said. "There will also be plant giveaways and a competition with great prizes to be won."

Numbers are limited and bookings are essential. To register, please telephone Council on (02) 6670 2400.

In brief ...

Are you an ailurophile?

If so, make sure you book your place at the free Cool Cat Workshop to be held at the Kingscliff Community Hall on Saturday 28 July from 2 – 4.30pm.

There, you'll not only learn how to solve your cat's behavioural problems and how to keep them safe and happy at home but also lots of fun facts about cats from animal behaviourist Dr Jo Righthette, such as:

- a cat's nose pad is ridged with a unique pattern, just like the fingerprint
- a flexible backbone is one of the secrets to a cat's speed. Cats have more vertebrae than humans and these are attached to powerful muscles allowing the backbone to flex, extend or twist by as much as 180 degrees, helping them land on their feet.

To learn more about solving cat behaviour issues and the interesting and unknown secret life of cats, book your place at the workshop by telephoning Council on (02) 6670 2400.

More Black Spot funding

Council has received \$1.3 million in funding under the Federal Government's Black Spot Program to reduce the likelihood and severity of crashes on several high-risk stretches of road in the shire.

All projects will be undertaken as a priority in the 2018–19 financial year.

Three of the funded projects are on Kyogle Road and aimed at improving motorist safety, with one project each on Numinbah Road and Clothiers Creek Road aimed at improving motorcyclist safety.

The projects are:

- install a right-turn lane on Kyogle Road at the Byrill Creek Road intersection at Terragon for \$552,000
- realign a curve on Kyogle Road, adjacent to Bakers Road at Byangum for \$349,760
- install a high-friction surface, audible centreline and improved signage on Kyogle Road, between Clarrie Hall Dam Road and Palmers Road, Terragon, for \$214,036
- undertake safety improvements at a curve on Numinbah Road, near Upper Crystal Creek Road, Crystal Creek, plus install a vehicle-activated speed sign on the approach for \$102,950, and
- install guardrail with a motorcycle protection rail and a vehicle-activated speed sign on Clothiers Creek Road, Clothiers Creek, for \$87,052.

Appreciation for giving

Community Liaison and Fundraising Officer for the Westpac Life Saver Rescue Helicopter Service John Bancroft last week presented a gift of appreciation to Council General Manager Troy Green for the continued support of Council through the \$2 Workplace Giving Program and a recent grant of \$18,280.

The service recently completed its 9200th rescue and not a single patient has been charged a cent to be saved and transported to hospital.

The service, based in Lismore, operates north to the Queensland border, west to Glen Innes and south to Scotts Head, just below Coffs Harbour.

The demand for its services in the Tweed has been increasing over recent years due to the population growth of the shire. Increasingly, the service is transferring accident victims who cannot be reached by land-based ambulance officers to Brisbane and Gold Coast hospitals.

"We are kept operating by the 500 workplaces who participate in the Workplace Giving program," Mr Bancroft said. "The support of Tweed Shire Council staff is greatly appreciated."



General Manager Troy Green accepts a gift of appreciation from Community Liaison and Fundraising Officer for the Westpac Life Saver Rescue Helicopter Service John Bancroft.

Never flush wipes and never forget

Council is appealing to all residents to take note that wet wipes should not be flushed as they block the Tweed sewer system.

"We find that the incidence of flushing these convenient but costly items reduces when we publicise the issue but then creeps back up as soon as the community loses sight of the problem," said Connections Engineer Elizabeth Seidl.

The cost of removing a wet wipes blockage to our gravity sewer main starts at \$400 and can go into the thousands very quickly as more staff and equipment are needed to clear the blockage or equipment is damaged.

The same happens if it's a blockage at a sewer pump station – the cost starts at \$200 but rises quickly as the task gets more complex.

"It should be no surprise to anyone that wet wipes of any description should not be flushed. Every wastewater utility in the world has been campaigning for years to get these products properly labelled as non-flushable, lawsuits have been launched and won and photographs of giant fatbergs have circulated widely.

"Here at Council we have had a hands-on experiment on all our service counters since August last year practically demonstrating that wet wipes do not break down in water. Every single wet wipe – regardless of whether it is labelled flushable, non-flushable or biodegradable – is still intact after 11 months in the water while the toilet paper has turned to mush."



It's not a fatberg but it's at Piggabeen and it cost ratepayers at least \$200 to fish from the sewer system.

Get your creative on ...

Parents and carers are invited to encourage some creativity in their children these school holidays.

New programs at the Tweed Regional Gallery & Margaret Olley Art Centre aim to inspire and engage young people and families through quality experiences with art, artists and art-making.

Taking inspiration from current exhibitions, the Gallery's ART PLAY and ART MAKER programs offer fun and creative, hands-on art experiences for families and arty kids this July school holiday.

Families are invited to enhance their exhibition experience with ART PLAY art-making experiences led by a trained educator. On Wednesday 11 July and Friday 20 July, drop in to the gallery between 11am and 1pm to view the exhibition *A Painter's House* and make a Margaret Olley-inspired interior diorama.

No bookings are required for this free activity. Please ensure children are supervised by an adult.

Budding artists aged 6 to 12 years have the opportunity to work with exhibiting artist Georgie Maddox in the ART MAKER workshops. Georgie's work explores the effects of consumer culture on sustainability, as well as the broader environmental impacts on our natural landscape.

On Thursday 12 July, Georgie is offering two classes inspired by landscapes, working with oil pastels and collage:

- Children 6 to 8 years old can book into **Looking at Landscapes** from 10am to 12pm for \$25, and
- Children 9 to 12 years are invited to join the 1 to 3.30pm class, **Collaging the Landscape**, which costs \$30.

Those booking for two or more children in the one transaction will get a \$5 discount on the second and subsequent children (they do not have to be siblings). To book, go to www.trybooking.com/UWLP

LEGO® loving kids, aged 7 and older, should check out the Junior Robotics 101 LEGO Workshop on offer from regular presenter Bricks 4 Kidz. Check out www.bricks4kidz.com.au



Coming to the Gallery: As the sun descends behind Wollumbin-Mount Warning, beneath the balcony of the Tweed Regional Gallery in Murwillumbah, artist Alison Allcock sits suspended within a cocoon-like net that has been slowly and methodically woven by hand. Allcock's performance, designed to raise awareness of our threatened species and the specialist techniques used to study them, has been documented via video and photography at the Gallery After Hours and will form part of her first solo exhibition, titled *Exchange*, opening at Tweed Regional Gallery on Friday 20 July. The official opening, with guest speaker Senior Lecturer at the School of Arts & Social Sciences at Southern Cross University Dr Stephen Garrett, will be at 6pm on Friday 27 July. All are welcome.

Proposed naming of road in subdivision

In pursuance of section 162 (1) of the *Roads Act, 1993* as amended, Council proposes to name the road dedicated in a plan of subdivision (DA09/0701) at Terranora in the Shire of Tweed as shown below:

Mawsons Peak Boulevard

A period of fourteen days from the date of this notice is allowed for any person to lodge a written objection to the proposed naming. Any objections should state clearly the reasons for such objections. General Manager, Tweed Shire Council, PO Box 816, Murwillumbah 2484.



TWEED SECONDARY SCHOOLS ENVIRONMENTAL LEADERSHIP PROGRAM

Tweed Shire Council in collaboration with Outward Bound Australia is offering 18 students across Tweed secondary schools an opportunity to participate in an exciting and innovative environmental experiential learning program.

FREE OUTWARD BOUND LEADERSHIP PROGRAM



26 – 28 September 2018

For more information and to download an application form visit:

www.tweed.nsw.gov.au/EducationalTours

Or call Hayden Goldstraw on 0427 290 594

Biosecurity risk assessments for rail trail start soon

Council has engaged North Coast Local Land Services veterinarians to undertake biosecurity risk assessments for all primary producer landowners adjoining the proposed rail trail from Murwillumbah to Crabbes Creek.

North Coast Local Land Services is expected to begin contacting landowners shortly to begin the assessments in the next two weeks.

In assessing the biosecurity risk associated with the development and operation of a rail trail, Local Land Services will act as an independent expert and provide the risk assessment to the property owner.

The risk assessments could take up to 12 weeks to complete and will examine risks such as trail users introducing exotic and non-endemic animal and plant diseases to the area; spreading diseases between farms; releasing stock from paddocks; spooking stock; taking pets (horses and dogs) on the trail; dog attacks on farm animals; the transfer of weeds from one property to another; food scraps attracting feral animals etc.

The assessments also will consider any risk to trail users from farming practices, such as the use of pest animal baits and herbicides close to the trail and the risk of being injured by livestock or fencing etc.

"We have engaged Local Land Services as an independent body to Council so the landowner can have confidence in the assessment process and assessment as provided," Council Rail Trail Project Director Iain Lonsdale said.

"Local Land Services employs fully qualified and highly trained veterinarians whose primary role is to provide preparedness, detection and response activities for livestock health and welfare with the aim of keeping New South Wales disease free and safeguarding agricultural market access. It is the most fitting organisation to look after the farmers' interests in the development of the Northern Rivers Rail Trail, of which Stage 1 goes through the Tweed Shire."

The Northern Rivers Rail Trail – Stage 1 from Murwillumbah to Crabbes Creek has been fully funded by the state and federal governments and is being established as a new regional tourist attraction to drive economic growth and jobs in the shire.

For more information, visit www.yoursaytweed.com.au/RailTrail

Resident and Ratepayer Association meetings

Cabarita Beach/Bogangar Residents Association – meets Monday 9 July at Cabarita Bowlo, 7pm. All welcome.

General notice

Interested Aboriginal Parties – Faux/Pelican Park Jetty Maintenance Works and Aboriginal Heritage Impact Permit

Tweed Shire Council (Council) is seeking input from interested Aboriginal parties, or individuals who hold cultural knowledge, to assist in determining the appropriate management of known sites at Faux/Pelican Park, on Minjungbal Drive, South Tweed Heads, NSW (Lot 1 and 2 on DP780203). Council is proposing to carry out maintenance works, namely stabilisation of the jetty abutment and adjoining riverbank on the park's foreshore. Interested parties may register to be involved in the process of community consultation about these works.

It is noted that the jetty abutment works proposed were part of a larger riverbank stabilisation project which was the subject of an Aboriginal Cultural Heritage Assessment (ACHA) and AHIP in 2014/2015. As the original AHIP (ref no. C0000842) has since expired, a new one is being sought to enable the works to be finalised. With a new AHIP being sought, there is another opportunity for local Aboriginal People to assist in evaluating the potential impact, determining the best methods of avoiding and/or mitigating impact upon Aboriginal cultural heritage in the project area and of determining future management strategies for Aboriginal cultural heritage in the project area.

Those Aboriginal parties or individuals wishing to take part in community consultation regarding the project should register their interest using the following contact details no later than Wednesday 25 July 2018.

Contact person: Sally Cooper

Contact organisation/position: Tweed Shire Council / Environmental Scientist

Phone: (02) 6670 2642

Email: Scooper@tweed.nsw.gov.au

Mail: ATTN Sally Cooper Tweed Shire Council, PO Box 816, Murwillumbah, NSW, 2484.

On exhibition

Draft Surveillance Device Use for Compliance and Law Enforcement Activities Policy

At the Council meeting of 21 June 2018 Council resolved to place the Draft Surveillance Device Use for Compliance and Law Enforcement Activities Policy on public exhibition for 28 days from Tuesday, 3 July 2018 to Tuesday 31 July 2018.

Submissions close on Tuesday 14 August 2018.

The Draft Surveillance Device Use for Compliance and Law Enforcement Activities Policy and associated procedures have been developed to assist with the lawful investigation and evidence gathering in respect of any person or company responsible for any illegal waste dumping and littering.

For further information visit the 'On Exhibition' section of Council's website at www.tweed.nsw.gov.au/onexhibition

For more information contact Council's Team Leader – Compliance, Nick Tzannes on (02) 6670 2444 or email at tsc@tweed.nsw.gov.au

Submissions can be made by:

- Email to tsc@tweed.nsw.gov.au
- Mail to the General Manager, Tweed Shire Council, PO Box 816, Murwillumbah, NSW 2484

Exhibition of the draft Aboriginal Statement of Commitment Policy

At the Council meeting held 27 June 2018, Council resolved to place the draft Aboriginal Statement of Commitment Policy on public exhibition.

The Policy will be on public exhibition from 4 July 2018 to 1 August 2018, with submissions being accepted until 15 August 2018.

The draft plan can be viewed online at www.tweed.nsw.gov.au or in hard copy at the Murwillumbah or Tweed Heads offices or Kingscliff Library.

Submissions can be made in writing to the General Manager, Tweed Shire Council PO Box 816, Murwillumbah NSW 2484 or by email to tsc@tweed.nsw.gov.au by 15 August 2018.

Notice of intention to dispose of Council land

Tweed Shire Council hereby gives notice of its intention to dispose of the following Council property:

Lot A DP407658 – 218 Kennedy Drive, Tweed Heads West

Any person may make submissions to the Tweed Shire Council with respect to the proposed sale. Any such submissions should be made in writing, addressed to the General Manager, Tweed Shire Council, PO Box 816, Murwillumbah, NSW, 2484, within twenty one (21) days from the publication of this advertisement.

A plan showing the land parcel proposed to be sold is available for inspection during normal business hours at the following places:

- Murwillumbah Civic Centre, Tumbulgum Road, Murwillumbah
- Tweed Civic Centre, Brett Street, Tweed Heads

Road wrap

Flood Road Repair Works schedule (site and weather conditions permitting)

Contractor	Week Starting
Coffs Coastal Works	2 July 2018

Locality	Road
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Expect short delays

Uki	Kyogle
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Expect short delays – locals only

Limpinwood	Limpinwood
Upper Burringbar to Burringbar	Burringbar
Kunghur to Doon Doon	Doon Doon
Limpinwood	Limpinwood Valley
Midginbil	Midginbil
Crystal Creek to Numinbah	Numinbah
Stokers Siding	Richards Deviation
Limpinwood to Chillingham	Zara
Kunghur to Kunghur Creek	Byrill Creek
Upper Crystal Creek	Upper Crystal Creek
Rowlands Creek	Rowlands

Expect short delays – traffic conditions changed

Commissioners Creek	Commissioners Creek
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Contractor	Week Starting
Australian Marine and Civil	2 July 2018

Locality	Road
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Under traffic lights – expect short delays

Nunderi	Clothiers Creek
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One lane road closure – expect short delays

Urliup	Urliup
Kunghur	Kyogle

Contractor	Week Starting
Roman Contractors	2 July 2018

Locality	Road
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Road closed

Burringbar	Cudgera Creek
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Expect short delays – changed traffic conditions

Burringbar	Tweed Valley Way
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Contractor	Week Starting
Crosana	2 July 2018

Locality	Road
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One lane road closure – expect short delays

Mt Warning	Mt Warning
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Contractor	Week Starting
Destabilise	2 July 2018

Locality	Road
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Additional traffic expected on Queen Street

Murwillumbah	Church
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Planning Committee Meeting Agenda Thursday, 5 July 2018

The Planning Committee Meeting Agenda for Thursday, 5 July 2018 is available on Council's website www.tweed.nsw.gov.au/CouncilMeetings. The meeting will be held in the Harvard Room, Tweed Heads Administration Building, Brett Street, Tweed Heads commencing at 5.30pm. A Planning Access Session on the items on the Planning Committee Agenda is to be held at 4.30pm prior to the Planning Committee Meeting.

Reports for consideration Planning and Regulation

- 1 Development Application DA17/0358 for a Manufactured Home Estate at Lot 1 DP 1074784 No. 136-150 Dry Dock Road, Tweed Heads South
- 2 Development Application DA17/0805 for a Helipad at Lot 1 DP 735658 No. 477 Urliup Road, Urliup
- 3 Development Application DA18/0001 For a Rural Land Sharing Community Comprised of 13 Dwelling Sites Over 5 Stages at Lot 1 DP 1054943 No. 54 Wallum Court, Clothiers Creek
- 4 Update on Parking Contribution Waiver – Murwillumbah CBD/ South Murwillumbah
- 5 Rural Land Strategy
- 6 Draft Aboriginal Cultural Heritage Management Plan 2017
- 7 Variations to Development Standards under State Environmental Planning Policy No. 1 – Development Standards

Nightworks

Banora Point – road upgrade Darlington Drive, from Sexton Hill to Leisure drives) from Sunday 1 July to Thursday 5 July and again from Sunday 8 July to Thursday 12 July. These works will occur under traffic management of stop/slow flagmen between 7pm and 6am nightly (no work Friday and Saturday night). Motorists should expect delays. These works were delayed for two weeks due to contractor availability.

Expect short delays

Banora Point – water main construction Pioneer Parade and Sexton Hill Drive.

Cudgen – Cudgen Creek boardwalk reconstruction; Sub-division works may cause delays on Crescent Street between Tweed Coast Road and Cudgen Road. There are two separate subdivisions with road works and trucks accessing the sites (reduced speed limits in place).

Dunbible – road reconstruction Stokers Road.

Eviron – road construction Eviron Road/Haul Road.

Murwillumbah – replace sewer main Harwood Street; replace kerb and gutter William Street.

Numinbah – temporary traffic lights installed at culvert construction Pat Smith Creek.

Terranora – possible short delays on Henry Lawson Dr due to subdivision works (Coach Road to Tennis Courts).

Tumbulgum – patch repair along Tweed Valley Way between the Riverside North and South exits to the village of Tumbulgum. Expect workers and machinery in the centre of the road on Thursday from 6pm – 4am.

Tweed Heads – road reconstruction Enid Street; kerb replacement and road reconstruction; footpath construction Wharf Street near Twin Towns.

Tweed Heads South – kerb and gutter upgrade Kirkwood Road, between Fraser Drive and Philp Parade.

Uki – earthworks, kerb and gutter and road reconstruction Blackspot Programme Kyogle Road, between Glenock Road and Gold Gully; and resealing, patching various locations Kyogle Road.

Maintenance South – Byrill Creek Road grading; maintenance Numinbah, Kyogle roads and Tweed Valley Way.

Council Meeting Agenda Thursday, 5 July 2018

The Council Meeting Agenda for Thursday, 5 July 2018 is available on Council's website www.tweed.nsw.gov.au/CouncilMeetings. The meeting will be held in the Harvard Room, Tweed Heads Administration Building, Brett Street, Tweed Heads commencing at 5.30pm.

- 1 Adoption of the Recommendations of the Planning Committee Meeting held Thursday 5 July 2018

Reports for consideration

Director Engineering

- 2 Development in High Flood Hazard Areas
- 3 Review of Car Parking Requirements for Small Business

Executive Manager Finance, Revenue and Information Technology

- 4 2018/2019 – Making of the Rate Report

Executive Manager People, Communication and Governance

- 5 Councillor Induction and Professional Development Policy Version 1.0

Tweed Coast Holiday Parks Reserve Trust Meeting Agenda Thursday, 5 July 2018

The Tweed Coast Holiday Parks Reserve Trust Meeting Agenda for Thursday, 5 July 2018 is available on Council's website www.tweed.nsw.gov.au/CouncilMeetings. The meeting will be held in the Harvard Room, Tweed Heads Administration Building, Brett Street, Tweed Heads commencing at 5.30pm.

- 1 Confirmation of Minutes of Tweed Coast Holiday Parks Reserve Trust Meeting held Thursday 7 June 2018

Reports for consideration of the Trust Executive Manager of the Trust

- 2 TCHP2018001 Proposed Civil Construction Works for Boyds Bay Holiday Park
- 3 TCHP2018002 Fabrication, Delivery and Installation of Prefabricated Buildings at Boyds Bay Holiday Park

The Agenda for these meetings, which may also include any late or supplementary reports, will be updated prior to the date of the meetings. The meetings are open to the public.

Confidential items are considered in closed session, which excludes media and public.

Minutes of these meetings will be available as soon as practical following the meetings and are unconfirmed until they are formally adopted at the next Council meeting.

1300 292 872 or (02) 6670 2400

tsc@tweed.nsw.gov.au

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