

Recovery continues after ex-Cyclone Fehi damage

Our coastal communities were heavily affected by the combination of heavy rain, strong winds and king tides that hit on 1 February 2018.

Many of our coastal communities experienced inundation that day – with evacuations of some residents in Mapua and Ruby Bay, and from several campsites throughout the District. Then the long, slow work of cleaning up, dealing with damaged homes and properties, and liaising with insurance companies and other agencies began and continues for many in our community.

The care and support of neighbours, friends, family and strangers was evident immediately. Teams of people joined Council and Civil Defence staff and contractors in helping with the immediate clean up and welfare work. Thank you to everyone who lent a hand.

There's a long, hard slog still ahead for some of those whose homes were damaged. Welfare agencies have visited affected residents to offer assistance where it's needed.

The Council has appointed a Recovery Manager to co-ordinate and manage the ongoing work needed in our District.

Some of the ongoing impacts being felt in our area include:

- Significant erosion of many beaches, including Moturoa/Rabbit Island, Pohara, the western end of Kaiteriteri, and Patons Rock.
- The closure of McKee Memorial Reserve Campground and the Kina campground until further notice because of damage to infrastructure.
- Portions of Tasman's Great Taste Trail
 washed away. It is expected that the
 section of trail between the Richmond
 Deviation and Lansdowne Road will be
 closed for several weeks please use
 Lower Queen Street in the meantime.
- Damage to private property.

For storm recovery updates

We will provide updated information on the recovery on our website.
Visit www.tasman.govt.nz/link/storm-

recovery for the latest information.

Advice from EQC

The Earthquake Commission urges anyone who is considering making a claim to get in touch and talk through any issues with their team. Phone 0800 326 243.

Information on who is eligible for cover and how to make a claim is available at: www.eqc.govt.nz/news/cyclone-fehiadvisory

More about ex-Cyclone Fehi

A combination of weather and tidal conditions resulted in the extreme weather event on 1 February. On page 4, Council Hydrologist Martin Doyle explains how it happened.



Mayor's Message

Everyone will be very aware of the damage suffered by individuals and to our community as a whole as a result of the recent tidal surge and strong winds as remnants of Cyclone Fehi.

Damage was sustained throughout our coastal environment and extended to include areas of Nelson City. Some was to private residences and businesses and some was to public land. Many people will now be grappling with the damage and the steps needed to recover from that damage. I'm sure you will join with me in offering support to all of those affected.

Something I noticed immediately following the damage was the number people who joined in offering assistance to those who had been most extremely affected. I was proud to see the impact of individual volunteers, groups and trades people in our community who, off their own bat, came out to help others. A great example of this was a mother and her young son Toby, who I saw cleaning up rubbish from Rabbit Island. Naomi and Terry Stanbridge also stand out for the work they did clearing debris off the Kaiteriteri Sandy Bay Road. There are many others and I

would like to thank you all for your contribution to helping our community recover. I also observed first-hand the tremendous response from the staff and contractors involved in Civil Defence Emergency Management and the recovery measures that were put in place immediately following the coastal inundation. We have one of the most effective Civil Defence Emergency Management teams in the country and they serve us extremely well. Finally, I would like to commend the Council staff who, despite being personally affected, joined in the volunteer

Events of this type remind us of what a strong, caring community we are. I thank everyone who has and continues to assist in the recovery.

Mayor Richard Kempthorne

response efforts to help others.

STORM RECOVERY INFORMATION AND CONTACTS:

Tasman District Council

24-Hour Assistance: 03 543 8400 www.tasman.govt.nz/link/storm-recovery

Phone: 0800 DAMAGE (326 243) www.eqc.govt.nz/contact-us

Insurance Council NZ

Phone: 04 472 5230 www.icnz.org.nz

Remission of rates for homes affected by natural disaster

The Council has a policy allowing it to consider rates remissions for residential properties severely affected by a natural disaster. If your home or other buildings have been rendered uninhabitable and you cannot continue to use your land as a result of natural disaster, you may be eligible. Full details of the policy and an application form are available on our website. Head to www.tasman.govt.nz/link/storm-recovery for more information.

PLEASE RESPECT THE PRIVACY OF **PEOPLE IN DAMAGED HOMES**

The power of nature has been evident in the recent storms. If you're out taking photos, please remember it's stressful time for people with damaged homes. We ask that you respect their privacy and give them space to deal with clean up.

MAKE IT ALL ADD UP.

We can help you with:

- · Financial Management
- Monthly Reporting
- Annual Accounts
- Income Tax and GST
- Rental Properties
- Xero Certified





QUEEN STREET UPGRADE WORK UNDERWAY FOR 2018

The remaining work needed to greatly increase central Richmond's flood resilience and upgrade old and undersized water infrastructure in Queen Street resumed on Wednesday 7 February 2018.

After a planned break for the busy summer retail season, Downer has begun work on Stage 4 of the upgrade – the area from Sundial Square to the Warring Carpark entrance. This section is currently closed to vehicles.

As well as the work within Stage 4, Downer will progressively move up the street towards the Salisbury Road intersection to replace water and stormwater pipes. This will mean parts of the street may be subject to temporary closures or reduced to one lane for short periods. Please exercise caution, pay attention to signage and follow the instructions of traffic control staff.

The upgrade is scheduled for completion at the end of May 2018.

Key things to remember

- Sundial Square to the Warring Carpark entrance is closed to vehicles.
- Other parts of the street up to the Salisbury Road intersection will be subject to intermittent closures/one-laning.
- Footpaths remain open throughout the day and businesses are open as usual.
- Carparking is available on much of Queen Street and in the offstreet carparks accessible from Cambridge Street, Oxford Street and McIndoe Place.

QUEEN STREET SHARED SPACE

The new design of Queen Street is a shared space for motorists, cyclists and pedestrians. We ask that all road users be courteous and drivers refrain from using the footpath for turning or parking. The speed limit is 30kmh.



The coastal flooding of 1 February 2018

Martin Doyle, Hydrologist, Tasman District Council

The combination of a very high tide, low barometric pressure and a strong northerly wind created a significant coastal flooding event across much of New Zealand on 1 February 2018. The Nelson and Tasman regions were particularly hard hit. Why was this, and how did this flooding occur?



The contributing factors

Excluding tsunamis, there are four components to most coastal flooding situations: a very high tide, a low atmospheric (barometric) pressure, large waves and a strong onshore wind. If the wind is blowing into a narrowing bay, this component is exaggerated further. For the event on 1 February, let's look at each of these contributing factors separately.

Tide: The level of the sea at any time due to tidal influence can be predicted very accurately. On 1 February, it was well known that a 4.5m tide was expected to peak at 11:22am. The level of the sea is only above this level for about 0.2% of the time, or 17.5 hours a year on average.

Barometric pressure: As the atmospheric pressure decreases, it allows the sea level to rise accordingly. Conversely, a high atmospheric pressure will decrease the sea below the predicted tide level. For every 1 hPa (hectopascals – a measure of atmospheric pressure) drop in barometric pressure, the sea will rise about 1cm in height. Tide levels are calculated on a standard atmospheric pressure of 1013 hPa, and on the 1 February the pressure was about 990 hPa, so this enabled the sea to rise some 23cm above normal.

Wind: As Ex-Tropical Cyclone Fehi travelled down the West Coast of New Zealand, it brought with it gale force winds, resulting in strong northerly winds into Golden and Tasman Bays. These winds peaked at 75 km/hr at the Richmond weather station. This is a notably strong wind for the head of Tasman Bay, the previous strongest being 77 km/hr in 10 years of recording at the Richmond Racecourse. This wind pushed water before it, causing 'setup' – or water piling up at the coast. Because both Golden and Tasman Bays narrow at their heads, the water is pushed into this funnel – accentuating the 'setup' effect. This is particularly true for the area around Waimea Estuary, including Mapua and Monaco.

Waves and swells: Waves are generated locally from the wind, and swells travel in from further away. The centre of the ex-cyclone traversed an area west of the North Island and this is one of few

areas that can send swells into the parts of the bays at the top of the South Island. It is possible that some of these swells were long period waves and caused the surges in level seen on the day. The strong northerly wind created large waves which perhaps had the greatest effect on flooding after the high tide itself. These waves rolled over the shoreline barriers whether they were natural or manmade, causing erosion and ponding.

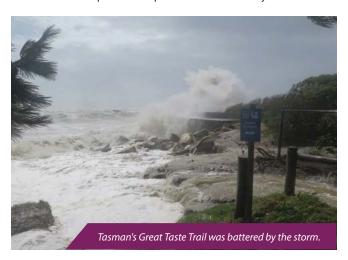
Storm surge

The combination of low barometric pressure and onshore wind is called storm surge. The Council measures the tide at Little Kaiteriteri and Tarakohe. Storm surge can be estimated by calculating how much greater the sea level was than that expected by tidal influence alone. At both these recorders, storm surge peaked about 60cm, meaning the average level of the tide was 60 cm higher than expected. The storm surge seen on 1 February was one of the highest recorded in our District at the two recorders since records began 17 years ago. Wave effects and short surges from swells can be expected on top of this level.



The cumulative effect

What made the effects of this storm so damaging then, was the accumulation of all the factors described in this article. Certainly we experience large tides on a regular basis, as we do low pressure and northerly storms. Never in recent times, however, have these components occurred simultaneously to 'stack' up on top of each other to cause the problems experienced on 1 February.



Significant conversation about Tasman's future

The Council meeting to be held on 22 February will have one of the more significant and wide reaching agendas for the year.

Included are the Long Term Plan Consultation Document and supporting information. These documents will be shared with the Tasman community as part of the consultation of the Council's plans for the next ten years.

The Consultation Document outlines the key issues facing our District, and our proposals for meeting those challenges. At its meeting on 1 and 2 February, the Council resolved to include funding and governance proposals for the Waimea Community Dam in the Consultation Document. This is not the final decision point for the dam. That depends on several elements all coming together

including; an affordable construction price, Waimea Irrigators Limited raising the money they need through their subscription process, and the Government's funding agencies confirming their contribution.

The Long Term Plan process, due to start from 1 March and concluding 5 April, will see public meetings held throughout the District as well as online opportunities to contribute to the process.

Also on the agenda is a report on the Havelock North Inquiry Stage 2. There are a number of recommendations from the inquiry that will need a national approach.



Everyone is welcome to join the meeting from 9.30 am in the **Council Chambers, Queen Street** Richmond, on 22 February as part of the public gallery.



The installation of a new stormwater pipe to reduce flooding in Motueka's Poole and Wilkie Streets began early this month. Originally planned for 2019, the project was brought forward by a year in response to concerns about flooding over the past several years.

The project, which sees 550 metres of new stormwater pipe and 15 sumps installed from High Street, up Poole Street, Wilkie Street and ending at Jocelyn Avenue, is designed with capacity for up to a 1-in-100 year flood - so it will be able to handle all but the most serious storms.

Contractor Downer is carrying out the work, which is due to be completed by the end of March, weather permitting. Downer staff have been in touch with residents in the area, and will continue to liaise with those affected throughout the project.

There will be stop/go traffic management in place during the work. Some residents' driveways will need to be closed for very short periods, and Downer will be in touch with those affected beforehand. We appreciate your patience during the construction.

Find out more: Information on this project is available on our website - head to www.tasman.govt.nz/link/poole-streetstormwater.



NEWSLINE **UPDATES**



KEEPING YOU INFORMED ABOUT NEWS AND EVENTS IN THE TASMAN DISTRICT . 16 FEBRUARY 2018

Upcoming maritime events

Navigation Safety Bylaw: Temporary reservations and speed limit uplifting for maritime events between 9 February 2018 and 11 March 2018.

Pursuant to provisions of the Navigation Safety Bylaw 2015, the Tasman District Council Harbourmaster has (or may soon) grant authorisations for the following known events.

Lake Rotoiti Classic Boat Show

Date: 3 - 4 March Location: Lake Rotoiti

Sailing Regatta Date: 11 March Location: Mapua

Due to Navigation Safety requirements, water users not involved in these events may be excluded from defined areas during these activities. Notices will be placed at nearby access points during these events.

Further details for these and any new events may be viewed at www.tasman.govt.nz/ recreation/boating-fishing/special-eventsand-activities/.

Please note that the Lake Rotoiti Power Boat Club Regatta will not be held this year.

Navigation safety warnings

Following the recent storm, large amounts of floating debris is presentin the waters throughout the region. Navigation aid buoys were also shifted or lost, and work is underway to relocate and replace them. Boaties must take extreme care. Latest notices are available at

www.tasman.govt.nz/link/navigationnotices

0800 42 45 46 www.gjgardner.co.nz

Flush flooded septic tanks

If your septic tank was flooded during the storm on 1 February, it is likely that it has stopped working effectively. We strongly recommend having the tank or system pumped out and cleaned by a professional septic tank cleaner. Your septic tank filters will also need cleaning.

Weather dependent closure – Kingsland Forest

Part of Kingsland Forest in Richmond will be closed between 19 and 21 Feb for a spray operation. Signage will be placed on relevant access points to the forest.

Murchison A & P Show

Saturday 17 February

Where: Murchison Sport, Recreation and Cultural Centre, Waller Street Time: 8.00 am until 4.00 pm. Cost: Adults \$8 / Children \$3

Music, art and craft stalls, food, rides, shearing, wood chopping, trade displays and horse jumping. On the Sunday we will have horse ring classes and chopping.

24 HOUR ASSISTANCE: PHONE YOUR LOCAL SERVICE CENTRE

03 543 8400 **RICHMOND MURCHISON** 03 523 1013 **MOTUEKA** 03 528 2022 **TAKAKA** 03 525 0020

Draft Richmond and Motueka Town Centre parking strategy

We want to know how you think we should manage town centre parking in Richmond and Motueka for the next decade or so. Come along to one of the public meetings to learn more and discuss the draft strategy.

Public Meetings

- Monday 19 February, 7.00 pm. Richmond Library - Constance Barnicoat Room
- Tuesday 20 February, 6.30 pm (following the Motueka Community Board meeting) Tasman District Council Service Centre Meeting Room, Hickmott Place, Motueka.
- Find out more: www.tasman.govt.nz/feedback.

Regional Land Transport Plan Review

Also open for consultation is the Regional Land Transport Plan, which is reviewed every three years.

Read the Documents

www.tasman.govt.nz/feedback Hard copies also available at our Richmond / Motueka offices and libraries.

Make a Submission before Friday 23 February 2018

Online www.tasman.govt.nz/feedback

Forms available at our Richmond / Motueka offices and libraries.

Via post: Draft Parking Strategy OR Regional Land Transport Plan, Tasman District Council, Private Bag 4, Richmond 7050.

Email: to info@tasman.govt.nz

HOUSE AND LAND PACKAGES AVAILABLE Proud to be sponsoring **Nelson Cancer Society Cancer** Society * Richmond Showhome 4 Stedyl Crescent Relay for Life OPEN Everyday 1.00pm-4.00pm NELSON OFFICE 195 Queen Street, Richmond G.J. Gardner. HOMES Phone 03 543 9502 OPEN Monday to Friday 8.00am-5.00pm

NEWSLINE UPDATES



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On the Dovedale, Redwood Valley or 88 Valley water scheme?

To help us manage these schemes and communicate effectively with their users,we ask people in these areas provide us with your full name, home address, email address and cell phone details to Rural.Water@tasman.govt.nz

Freedom Camping Bylaw 2017

The rules for freedom camping in Tasman District have changed. To find out where you can and can't freedom camp in our District, head to www.tasman.govt.nz/link/freedom-camping for details of the new Freedom Camping Bylaw 2017.

Remission of rates for homes affected by natural disaster

The Council has a policy allowing it to consider rates remissions for residential properties severely affected by a natural disaster. If your home or other buildings have been rendered uninhabitable and you cannot continue to use your land as a result of natural disaster, you may be eligible. Full details of the policy and an application form are available on our website. Head to www.tasman.govt.nz/link/rates-remission and click on Policy on Remission of Rates for Land Occupied by a Dwelling that is Affected by Natural Disaster.

The Waimea Inlet Plan out for feedback

In 2010, the Waimea Inlet Management

Strategy was produced. To build on the Strategy, and the good work already underway, the Coordination Group has created an Action Plan for the Inlet.

The Waimea Inlet Coordination Group (made up of representatives from a range of organisations and groups) is now seeking your feedback on their draft Action Plan: www.tasman.govt.nz/feedback

Send your feedback to Anna Gerraty

Anna.Gerraty@tasman.govt.nz by 9 March 2018.

Road Closure

Event: Nelson Drag Racing Association

Date of event: Saturday 24 February 2018

Time: 7.30 am to 4.00 pm

Location: Queen Victoria Street (from King Edward Street to Green Lane)

Event: Nelson Drag Racing Association

Date of event: Saturday 31 March 2018 (Rain date – Sunday 1 April 2018)

Time: 7.30 am to 4.00 pm

Location: Queen Victoria Street (from King Edward Street to Green Lane)

Objections close: Friday 2 March 2018

Council Meetings

Agendas and Minutes for Council Meetings can be viewed on Council's website at www.tasman.govt.nz.

Motueka Community Board

Motueka Service Centre, 7 Hickmott Place, Motueka. Tuesday 20 February 2018, 4.00 pm. Public forum

Full Council

Council Chambers, 189 Queen Street, Richmond. Thursday 22 February 2018, 9.30 am. Public forum

Commercial Committee

Council Chambers, 189 Queen Street, Richmond. Friday 23 February 2018, 1.30pm. No public forum

Community Development Committee

Council Chambers, 189 Queen Street, Richmond. Thursday 1 March 2018, 9.30 am. Public forum

Everyone is welcome to attend our public meetings. There is a public seating area where you can observe the meeting, with many of the meetings having a 'public forum' providing an opportunity to speak to the meeting if you wish. At the beginning of ordinary meetings up to 30 minutes is set aside for public forum. Each speaker is allocated five minutes. You don't need to pre-register your intention to speak – just take your turn when invited by the chairperson. These presentations don't form part of the formal business of the meeting – a brief record will be kept of the matters raised. Any matters requiring further investigation may be referred to staff by the Chairperson.

We can provide every service and option, and leave you with memories of a lifetime of love. O3 544 4400 • www.wrfs.co.nz WAIMEA RICHMOND FUNERAL SERVICES



COMMUNITY RELATIONS



Funding for community arts projects

Our Creative Communities Scheme has money to help groups and individuals running arts projects in the Tasman District. Creative Communities provides funding to support community involvement in the arts – whether it be music, theatre, festivals, mural painting, outdoor sculptures, art in public spaces, kapa haka, singing, art workshops or something else.

If you have a great community arts project needing some dollars, the Tasman Creative Communities Scheme may be able to help. There are three rounds of applications per year. The next round closes on 10 March 2018, for projects starting after 1 April. There is \$39,007.80 allocated per annum with allocations averaging \$1,000. For more information and application forms: Head online: www.tasman.govt.nz (search

Head online: www.tasman.govt.nz (search phrase 'creative communities').
Contact: Community Partnerships

Contact: Community Partnerships Coordinator Mike Tasman-Jones Ph 03 543 8400, email mike.tasman-jones@ tasman.govt.nz.

Tasman's Asian Night Food Fair

Saturday 17 February, 4.00 pm – 9.00 pm Washbourn Gardens, Richmond Come and enjoy the mouthwatering flavours of Asia and beyond. Street-style food and music in a beautiful setting. Brought to you by the Nelson Multicultural Council with funding from Tasman District Council.

GET SOCIAL!



Nelson Opera in the Park

Saturday 24 February, 7.30 pm – 10.00 pm (gates open at 5.30 pm), Saxton Oval Nelson Opera in the Park returns to Saxton with top New Zealand opera and contemporary singers alongside our national orchestra, the New Zealand Symphony Orchestra.

Bring a picnic and soak up the atmosphere for this wonderful night of music in the open air. With affordable ticket prices, this is a world-class event that everyone can enjoy.

Performers: Anna Leese, Simon O'Neill, Bic Runga, New Zealand Symphony Orchestra

Pre-show: Nelson City Brass
Tickets: Adult \$25, child (5–15) \$5,
under-5 FREE. Tickets from Nelson i-SITE,
Theatre Royal Nelson, Richmond Mall, all
TicketDirect outlets.

Ph. 03 548 3840 (ext 2); 0800 224 224; festivalenquiries@ncc.govt.nz Opera in the Park is proudly supported by Tasman District Council

Family Fun Bike Ride

Grab the family and your bike and come and have some fun together!

Saturday 24 February 2018, 11.00 am at Rec Park Centre Golden Bay

Sunday 25 February 2018, 2.00 pm at the Saltwater Baths, Motueka.

- Bike check and tune up
- · Cycle skills course
- Bike maintenance activities
- PLUS! Be in to win a free bike!

For more information please visit www.tasman.govt.nz/events

Children's Day

Sunday 4 March 1.00 – 3.00 pm, Richmond Aquatic Centre. Free outdoor activities plus gold coin donation into the pool.

We are still to confirm all the activities but so far we have

- · Live music
- · Bouncy castle
- Obstacle course
- · Magic show
- Bike ramps
- Treasure hunt
- Circus workshop

For more information please visit www.tasman.govt.nz/events

Brass in the Park at Washbourn Gardens, Richmond

On Saturday 10 March 2018 the award winning Nelson City Brass Band present a free evening of light entertainment at Washbourn Gardens, Richmond. Bring along a picnic and your deck chairs/blankets to enjoy a feast of entertainment. Free entry, although donations gratefully accepted. Refreshments available for sale.

Rain date: Sunday 11 March at 5.00pm

Positive Ageing Expo

This year's Positive Ageing Expo is on Friday 6 April, 10.00 am – 3.00 pm at the Headingly Centre, Headingly Lane, Richmond.

The Expo continues to have a focus on providing information on the services and organisations that help us to age positively. These make up the Five Ways to Wellbeing; be active, learn, connects, keep our heads in the present, and giving to others.

Expo organisers are encouraging visitors to tick off all five over their time at the Expo so they get the best 'bang for their buck' – and maximise their enjoyment of the day!

