our road to recovery – Tairāwhiti

Weekly Report #2 – 11 April 2023



recovery coordination centre update

The Regional Recovery Office (RRO) structure is in place to ensure there is coordination and focus on recovery activities across all layers including prioritisation, milestones, and longer- term resilience planning with communities.

In the coming weeks the office will focus on planning for and implementation of engagement with communities, embedding the operating model to ensure a robust and co-ordinated recovery approach across partners and stakeholders and producing a Minister's Recovery Plan. We have structured this report to identify an overview of the week and key risks/issues.

The report then goes on to provide specific updates in each work stream, Social, Natural, Economic and Built.

Weekly Overview

- Work streams are meeting weekly to input into the development of the Regional Recovery Plan.
- Ongoing discussions with Morrison and Lowe to identify capital expenditure for recovery work.
- Ministry for the Environment submission completed to look at options for disposing of woody debris.
- Submission from Council to the inquiry into land use and woody debris.
- Applications for the Mayoral Relief and Disaster Relief funds continue to be assessed.
- Protection work commenced on the Mangahauini stream, Tokomaru Bay.

Risks/Issues

- Uncertainty of iwi involvement with the Tairāwhiti Regional Recovery Plan.
- Council's annual planning and long-term planning process and lack of certainty on legislation.
- Multiple Central Government requirements and timelines that do not take into account the effects of weather events on our region i.e, the Regional Land Transport Plan, Ministry of Social Development (MSD).
- There are several emerging tension cracks on hillslope properties. If there is significant wet weather, it is likely this will result in land movements and more red stickered buildings.
- Agriculture and Māori Business sector representation in the economic stream needs to be progressed.
- Clarification on funding for RRO operations.
- MSD Civil Defence payments end 15 April.
- Impact of the cyclone on the lives of young learners.
- The Regional Council Science Collective identified a number of key priorities that would be funded as part of the MBIE's Extreme Weather Science Response. On April 6th councils for the two most significantly impacted regions were advised that funding proposals for key areas of research were declined.



The interdependence between the natural and built environments is starting to come to light as we progress through the assessment phases and start to scope planned repairs. The current focus is:

- establishing and understanding existing projects being undertaken within Gisborne District Council (GDC) BAU to ensure any scoping and planning incorporate components as interdependencies.
- Planned workshops with all critical lifelines over the next week to capture the priorities, and scope recovery actions to capture within the Minister's Recovery Plan.

Roads

Included in Appendix One is a breakdown on local road accessibility based on the below, and image to the right:





2020 - 2023 \$41.3M on Emergency Repairs



\$25.8M Still Outstanding



20 Bridges Closed









Power

Firstlight Network is visiting all areas impacted by this event to look at repairs, as some were temporary.

Severe weather conditions are causing loss of lines on East Cape Road and Firstlight Network needs to work with the community to look at alternative options. This will be a long-term issue.

The major network link along Ihungia Road is affected by ongoing forestry work causing faults in the network when trees are harvested, or not maintained. Realignment of the network or removal of a portion of the forest is required to protect these lines, and support from current tree regulation for a solution is needed.

In the next one to two weeks, Firstlight Network is looking to work alongside Waka Kotahi/NZTA and local landowners to realign the 1km line in the Mangahauini Gorge away from the river.

A temporary fix has occurred with the reinforcement of the tower structure behind Tokomaru Station. More sheet piling is required to secure it. A long-term solution must be developed to keep these structures away from the area where the river takes over the land.

Other areas with temporary solutions or alternatives

South of Tokomaru Bay and North of Tologa

- Realignment of poles to enable placement of Bailey Bridge at Hikuwai (working with Chorus to install fibre)
- Rebuild of 50kv line providing power to the coast (this resilience plan was already in place when the old 110kv line was converted 3 months ago)

Hokoroa Road

- Internal Radio Communications site running on a backup generator as lines are down due to trees.
- All sites have permanent backup generators.
- A standalone power solution (Base Power) will be installed to power this permanently.
- Looking at the possibility of using these units through the region as an alternative power source.

Tuai to Gisborne

- Continuing to monitor the risks around the main transmission line and securing the worst sites, as there are a number of landslides near the towers.

Forestry related damage to lines and poles will require realignment or the development of alternative plans, particularly in Wairoa.



Water

Drinking Water

- Secondary water supply still in place.
- Waipaoa Treatment Plant currently in use.
- Waipaoa River Intake continues to be blocked with silt.

Flood Protection

Cyclone Gabrielle has damaged just over 2km of stopbanks. There has been significant private land lost and private structure damage due to riverbank lateral erosion.

- Project proposals for Climate Resilience submitted for Kanoa funding in November 2022
- Continuation of Waipaoa Stopbank Upgrades accelerated delivery, all western side \$9M
- Tokomaru Township upgrades, Waiotu & Mangahauini Rivers \$4M
- Makarika (near Ruatoria), protection for a school and houses \$2M
- Uawa to be investigated upwards of \$8M

If this funding is successful, investigation and planning could be completed in 2023 and construction started in 2024.





Housing

The priority this week has been to ensure there is a coordinated approach alongside Public Services (PS) to ensuring all displaced whānau have a plan.

This week, the RRO and PS has agreed due to the complex nature of the housing environment an additional stream, the housing stream, will be established and feed into the respective recovery environments. This stream will be established alongside the PS Commissioner and relative PS Agencies this week.

To date, 521 housing assessments have been completed. 28 Red stickers are in place, with 5 homes in imminent threat risk of landslides. There is a high likelihood of failure within one year or during this year's winter storms; one of these homes is already identified with a yellow sticker. There are currently 202 yellow stickers in place due to inundation. Several yellow stickered homes should transition to white (sticker removed) over the next two weeks, weather dependent.

A list of insurance claims has been received with a request to assess on behalf of the Earthquake Commission (EQC). Not all homes on the insurance list have been assessed by GDC however this will be completed alongside the EQC assessment this coming week.

This week Lead agencies will be contacting households that have placards to ensure wrap around service are planned and are in place.

Built Environment Recovery Priorities

- Water reinstatement and resilience \$93.25m
- Roading connectivity and resilience
 - The early estimate indicates \$40m+ emergency + \$2m investigation
 - New roads with further investment upwards \$125m
- Flood protection c. \$23m+
- Resilient communication and connectivity
- Resilient power supply
- Resilient communities
 - Townships recovery planning investment to be undertaken through the Recovery Community Engagement Planning \$700k



natural environment

In the natural environment the recovery from the cumulative effects remains in assessment phase. While recovery is currently focussed on assessment from Cyclone Hale and Gabrielle it needs to be noted the recovery for Tairāwhiti still includes actions from prior storms that have yet to be addressed including:

- Replant banks of Waiotu Stream at Tokomaru with native vegetation impacted in the 20 June 2021 storm.
- Implementing the recommendations from Tonkin and Taylor report provided in 2022 in relation to the June 2021 storm.
- Installation of a permanent rain gauge at Tokomaru (Hatea o Rangi).
- Ensuring houses that are stickered as a result of previous storms or had failures requiring remediation have a plan in place for resolution.

The assessment phase includes a number of overlapping actions that will provide insights into the multiple natural environment issues that will weave into all other recovery efforts.

Vulnerable Communities Exposed Flood Harzard report August 2022 – Te Tari Taiwhenua Internal Affairs

This report highlights that Tairāwhiti (East Cape) is amongst a cluster of socio-economic vulnerable communities that have a high portion of their population and communities exposed to flood hazards.

The report is limited in that it has removed communities where it is identified that communities have flood protection infrastructure planned or underway (not maintenance or existing projects). It goes on to say that Tairāwhiti has the most constrained financial capacity relative to other regions reviewed. This means Tairāwhiti has limited capacity to fund responses to flood risk.

It identifies the following Tairāwhiti communities to be exposed to flood hazards.

The data on which the report is based has several limitations in particular the variations to data that Councils hold and their practices. The report determines that further work would need to be carried out, which includes assessing the financial position of Councils and their capacity to fund flood protection infrastructure and further analysis of communities most at risk.

Managed Retreat

This week Government's Recovery Unit reached out to the RRO to request support in relation to communications to communities and whānau on the work they are doing on managed retreat.

There is significant concern that there is a disconnect between the national mahi and the desire to have a locally led approach.

To enable an efficient recovery process, it is essential that there is a collaborative approach and that communities are prepared for this discussion in the context of their long-term vision for how they wish to live their lives.

We expect to capture this information through the community led engagement process.

Tikitiki
Ruatoria
Tuparoa
Whaerponga
Tokomaru
Tolaga Bay/ Hauiti
Te Karaka
Gisborne

natural environment

Investigation into Land Use Causing Woody Debris

Inquiry members are nearing the end of their investigation. Council has provided a submission in response to the inquiry and took the opportunity to present to the inquiry members. Council have made a number of recommendations in its submission. The inquiry team is expected to report back to Ministers by 30 April 2023.

Aerial Imagery

Post Gabrielle 0.2m Aerial Imagery, Tranche 3 has been completed covering the north of the region from Te Araroa to Te Puia. The area in the south was captured earlier and has been made available to many agencies via the LINZ portal. A small area in the west and around Tokomaru Bay-inland Uawa remains to be captured and some areas are being flown again to eliminate areas of cloud cover in the initial capture.



LiDAR and Satellite Imagery

MBIE has approved funding for a new LiDAR assessment for affected areas in the North Island and Council has submitted information to LINZ on what is needed (Fig left).

New Maxar satellite imagery has been provisionally approved for affected areas in the North Island and negotiations are underway with lead agency MPI over priority areas for coverage (Fig.4_right). The Science Coordinating Group involving NEMA and Regional Council Chief Scientists, has advised MBIE that the funding currently allocated needs to be increased to ensure that all affected areas can access good quality satellite and LiDAR data.



Council has worked with GNS to prioritise areas for the Landslide assessment of the region. The rapid assessment of areas of highest concentration of landslides in Gabrielle (and Hale) are shown above.



For Gisborne-Tairāwhiti the key areas for detailed assessments include;

- Waingake Water Supply catchment and the Te Arai,
- Tiniroto-Wharekopae
- Gisborne City
- Waimata
- Uawa
- Mata and Waipau headwaters.

MBIE Regional Science collective hui

Key science personnel for each of the regional councils, NEMA chief scientist, Regional Council Chief Scientist, and the Envirolink coordinator are meeting with MBIE (and MPI and MfE) weekly to discuss the prioritisation of the research needed to inform the response.

The Regional Council Science Collective identified a number of key priorities that would be funded as part of MBIE's Extreme Weather science response. On April 6th councils for the two most significantly impacted regions were advised that funding proposals for key areas of research were declined. There is a lack of certainty that some proposals that are progressing, ie LiDAR and new high resolution satellite imagery, will prioritise Gisborne/Taiawhiti and Hawkes Bay.

The Regional Council Science Collective is concerned that there is a significant misalignment between what regional councils have identified as the highest priority and what is being funded. It is considered that information being collected may not align with what councils have identified as high priority. There is a risk that the projects undertaken nationally may duplicate locally-led efforts and not provide outcomes that benefit the local communities and the natural environment.

Mangahauini landslide dam

The final draft from GNS on the Mangahauini landslide dam has been received and the key recommendations are:

- 1. Keeping the downstream community informed of the situation along with any changes of the dam or spillway. This might include establishing an emergency management plan for the community.
- 2. Installing monitoring equipment to monitor the spillway and impounded lake levels, e.g., a camera overlooking the dam and spillway channel and a lake level sensor. Installing a water level gauge on the Mangahauini bridge at highway
- 3. Continuing to monitor/observe the stability of the landslide debris on the slope above the dam, the remaining dam materials in the river channel, the current spillway, and the material on the true left of the river channel (also old landslide deposit) for signs of movement and potential for re-damming the river.

Recommendations 1 and 3 are being prioritised through the Response and RROs, however recommendation 2 requires funding which will be included within the Minister's Recovery Plan. LiDAR processing for Mangahauini has been completed and is being prioritised into Local High-Resolution Imagery.

There are several other actions being undertaken that will contribute to the detailed record of the impacts to the physical nature of Tairāwhiti surfaces including:

- Flood management and forecasting workshops in May
- Flood modelling and flood manual review
- Soil testing to understand the impacts on horticulture
- Al mapping of changes to forest canopy
- Waimata Catchment land use impacts and woody debris migration
- Connecting in with Manaaki Whenua Landcare re their national mapping of winter forage
- Requesting MBIE to coordinate funding at a local level to undertake assessments of conservation and biodiversity to meet regional recovery needs.

economic environment

To date the economic recovery has had a significant focus on assessment and understanding the impacts on pre and post Cyclone Gabrielle. The focus has been on securing lead roles within each industry to ensure there are strong links and industry voice is captured throughout the phases of economic recovery which are:

- Identify industry leads and engage working groups
- Develop a robust baseline across the sectors (pre Cyclone)
- Develop a quantified estimate of the economic loss (post Cyclone)
- Co-develop a recovery plan with sector lead and working groups.

Identify industry leads and engage working groups

Strong community leads in horticulture and forestry; along with a lead in Whenua Māori have been agreed this week. This has yet to flow to assessments and/or understanding impacts. Agriculture and the Māori Business sectors are the main gaps. Agriculture has multiple stakeholders who have yet to agree a unified approach. A Whenua Māori lead has been identified however their role has yet to be fomalised and clarified. There is no community lead for Māori business. We will connect with TPK over the coming week to discuss.

A stakeholder plan will be tested in the following weeks.

Develop a robust baseline across the sectors (pre Cyclone) / Development of a quantified estimate of the economic loss (post Cyclone)

The development of an economic baseline before Gabrielle and economic losses have been estimated (in draft) for horticulture and forestry. Agriculture has yet to commence, with a suitable analyst starting work on this in the coming week. They will be tasked with developing the sector economics. SME and tourism analysis is adequately resource and underway.

In the coming week the priority is to identify the lead for the agriculture sector and ensure their 'voice' is captured within the findings. In addition, developing an understanding of the losses incurred and formulating a recovery plan in connection with business communities. After a lead and working group identified, Trust Tairāwhiti will complete draft economic assessment.

Trust Tairāwhiti has requested funding from central government to support the recovery planning in respect of the economy. There has not yet been a response.



There is still a significant focus on response within the social environment. The Resupply Plan is still a priority, with three areas identified for resupply, which include supplies for:







2 Children

6 Residential Pets

The locations for resupply are in the following locations:

Arero Road, Hikuwai Te Kowhai Station, Whatatutu Mangatai Farm, Whatatutu. Tiniroto Rd, Tiniroto

Tairāwhiti Mayoral Relief Fund and Disaster Relief Fund

The Tairāwhiti Mayoral Relief Fund and Disaster Relief Fund continued to support whanau and communities to get immediate access to funds to assist with recovery.

To date funding has been ringfenced with a specific purpose; this week \$150k to support whānau in Te Karaka who have not had the opportunity to access this fund.





Individual applications + red and yellow stickered paid out by location (\$576k + \$339k = \$915k) Te Karaka

32%

Gisborne

39%

Manutuk

9%

The Coast

20%



social environment



Ministry of Social Development

Civil Defence Payments (CD Payments) can be made available to meet the immediate needs of people who are affected by an emergency, Civil Defence payments typically end within four weeks of a local authority declaring an emergency event to be over.

Advice that Civil Defence Payments will be deactivated for the East Coast region (Tairāwhiti and Hawke's Bay) on Saturday 15 April 2023. MSD is proactively engaging with those whānau and individuals who have received a Civil Defence payment from MSD to:

- understand their need for any further CD payment from MSD (before CD Payments are deactivated on 15 April.
- to help those receiving CD payments access MSD's other products and services where eligible.
- establish if they have an ongoing accommodation need and advising to register for Temporary Accommodation Service if displaced by the adverse event.
- provide other supports or referrals as appropriate and where possible

Despite being in a transition to recovery, as mentioned above Tairāwhiti still has areas of isolated communities and whanau. MSD is working to support those people with their other products and services where eligible in preparation for CD Payments being deactivated on 15 April and to ensure those who are eligible are accessing MSD's products and services

As at 2 April 2023, Civil Defence Payments had been granted to 9,207 individual people, an estimated 24.1% of the population of the Gisborne Territorial Local Authority.

Furthermore, and indicative of the need for support, main benefit recipients continue to rise in comparison to previous years which is believed to be as a result of Cyclone Gabrielle impacts.





Ministry of Education

To assist the recovery, two Principal Leadership Advisors have been engaged to provide support to principals across the region to enhance wellbeing and resilience. Creative support approaches are being developed in conjunction with teachers, learning support and whānau. Support is being provided for teaching and non-teaching staff. This includes:

- Funding to enable additional teacher relief when and where needed as teachers manage their personal response to the event.
- Funding the costs of disruption to teaching and learning because of staff displacement, lack of access and ongoing teaching and leadership staff recovery.
- A focus on personal wellbeing such as school and service wide workshops for staff and whanau through an organisation such as EAP.

The supports are being developed in a bespoke manner alongside each school/kura. There are three tranches of funding and staffing support with another three being developed. The tranches are being developed based on intel and discussions with principals and their boards.

Psychosocial response

The impact of the cyclone on the lives of young learners - present and future - is a matter of great concern, as educational opportunities are crucial for the wellbeing and vitality of communities.

Providing additional expertise within the context of existing supports that are familiar to both young people and their whānau is the recommended strategy - kura want support from people in their own communities who are known to them. This has been a strength of the regional programme which will flow into the wider recovery. The psychosocial response will be based on the Te Tūāpapa model and include support at an individual, group and school/centre wide level. The response will be delivered by Te Mahau staff, Te Whatu Ora, Resource Teachers: Learning and Behaviour (RTLB) and the Counsellors in Schools programme.

The initial response is focused on universal communication – providing information sheets to all schools, kura, and learning services which includes basic tips, tricks, and scripts for having difficult conversations with ākonga.

The second phase is targeted support to schools, kura and early learning services with a focus on assisting adults working with ākonga. This has been delivered through Te Whatu Ora teams and contracted school counsellors. Te Whatu Ora and contracted school counsellors are responsible for connecting directly with schools and kura to understand their individual needs. Te Mahau Traumatic Incident and other staff are supporting this phase of the response. The third phase is focused on wellbeing and resilience building for principals and leaders, as well as for ākonga. This approach will be constructed with the sector and will be considered over an extended period of time, with a focus on long-term capacity building of the adults that work with ākonga.

social environment

Pedagogy

Ensuring ākonga have access to learning material has been the priority, ensuring the delivery of quality education continues through the recovery. This has been through a phased response which includes emergency learning packs, localised curriculum development, contextualizing the impact of the cyclone for ākonga who have been impacted alongside their marae, kōhanga reo, and kura.

Property

Te Mahau's priority is staying connected with service providers and understanding their operational situation and the ongoing impact to their services. Property damage and operational disruption has been experienced widely across the ECE network.

There are six community-based providers (Gisborne, Ruatorea) and three Kōhanga Reo (Te Karaka, Ūawa, Wairoa) who have been seriously impacted by the cyclone. Funding support has been provided to help cover <u>some</u> of the costs incurred that are not covered by the providers insurance – currently \$167,000.

Te Mahau are providing support to ECE's who are having to temporarily relocate including exploring the option to enact powers under emergency provisions to assist ECE's by deferring or dispensing licensing requirements while remediation or rebuilding occurs.

The cyclone impact on the property portfolio is widely felt, with schools being affected to varying degrees and, in some cases, impacting their operational status. Though some school's property condition did not impact their ability to operate, wider infrastructure issues such as road access and transportation challenges provided challenges in ensuring educational services continue.

communication and engagement

Communications for recovery will be multi-layered.

The RRO Communication function is working with multiple agencies to ensure a streamlined and consistent approach for communications into the community.

Systematic inputs are currently being developed to populate all communications.

AUDIENCE	COMMUNICATION CHANNEL/S	REGULARITY
Partners	Report to Minister	Weekly
Stakeholders/AOG	Report to Minister Herald ½ page	Weekly Fortnightly
Community	Facebook posts, He Panui Herald ½ page	3 x per week Fortnightly Fortnightly
Councillors	Report to Minister	Weekly
Internal staff	CE Blog	Weekly
Communities Leads	Direct e-mail	Fortnightly

The objective is to maintain momentum and energy though the utilisation of multiple channels specified for the specific audience. The aim is to include visually informative and engaging updates to build trust with partners, stakeholders and the public.

Our top priorities are to ensure affected communities are engaged with in a genuine and effective way so that they have clarity about what support is available to them, how they might access funding for developing recovery plans for their community and that they have support from other agencies where agency responsibilities might lie.

We are currently developing dashboards for information to be received by the RRO which will enable regular updates to be generated for the community and stakeholders. The systems being developed will be built in a way that they can be displayed on a GIS map.

The GDC communications team will create content that can then be packaged in a way that suits multiple audiences.

Built – Appendix One – Local Road Status Update as at 4 April 2023

Road	Location	Status	Comments	Expected Resolution
Arakihi Road	Arakihi Farm Bridge (9.5km)	Closed	Compromised. Work ongoing.	10 Apr 2023 12:00pm
Whareponga Road	From 12km	Closed	Flood damage. Detour available for residents.	To be advised
Waitahaia Road	From 5km	Closed	Flood damage	11 Apr 2023 12:00pm
Panikau Road	From 12km	Closed	Slips.	11 Apr 2023 12:00pm
Vata Road - Upper	29.5km	Closed	Dropouts.	17 Apr 2023 12:00pm
Waikawa Road	From 0.5km	Closed	Multiple flood damage.	To be advised
Ruakaka Road	10km - 20km	Closed	No access due to Mossman and Ruakaka bridge closures.	30 Apr 2023 12:00pm
Wharekopae Road	From 38km	Closed	Flood damage. 4WD resident access only.	26 Apr 2023 12:00pm
lewton Road	Entire Road	Closed	No access due to Bushy Knoll Road closure.	16 Apr 2023 12:00pm
e Kowhai Road	From 0.5km	Closed	Flood damage.	30 Apr 2023 12:00pm
Bruce Road - Kanakanaia	From 2km	Closed	Flood damage. Quad access.	30 Apr 2023 12:00pm
auwhareparae Road	17km - 26km	Closed	Flood damage.	01 May 2023 12:00pm
Matahiia Road	Entire Road	Closed	No access due to Makarika Road closure. Ford crossing access via Karewa Road (Weather Permitting)	05 Jun 2023 12:00pm
Pehiri Road	21km - 26km	Closed	Dropout.	23 Apr 2023 12:00pm
Paparatu Road	From 2km	Closed	Dropouts and slips.	30 Apr 2023 12:00pm
hungia Road	Ihungia - Mata Loop between Tokomaru and Te Puia Springs	Closed	Closed for maintenance Mondays and Thursdays. Open to 4WD on Tue, Wed, Fri, Sat, Sun at these times, from Ruatoria end 8am- 10an 1pm - 3pm and Tokomaru Bay end 10.30am - 12.30pm, 3.30pm 5.30pm.	27 Apr 2023 12:00pm n, -
Ге Kowhai Road	From 0.5km	Closed	Flood damage.	30 Apr 2023 12:00pm
Bruce Road - Kanakanaia	From 2km	Closed	Flood damage. Quad access.	30 Apr 2023 12:00pm
auwhareparae Road	17km - 26km	Closed	Flood damage.	01 May 2023 12:00pm

Road	Location	Status	Comments	Expected Resolution
Matahiia Road	Entire Road	Closed	No access due to Makarika Road closure. Ford crossing access via	05 Jun 2023 12:00pm
			Karewa Road (Weather Permitting)	
Pehiri Road	21km - 26km	Closed	Dropout.	23 Apr 2023 12:00pm
Paparatu Road	From 2km	Closed	Dropouts and slips.	30 Apr 2023 12:00pm
Ihungia Road	Ihungia - Mata Loop between Tokomaru and Te Puia Springs	Closed	Closed for maintenance Mondays and Thursdays. Open to 4WD on Tue, Wed, Fri, Sat, Sun at these times, from Ruatoria end 8am- 10am, 1pm - 3pm and Tokomaru Bay end 10.30am - 12.30pm, 3.30pm - 5.30pm.	27 Apr 2023 12:00pm
Bushy Knoll Road	From 4km	Closed	Slips. Quad access via Trafford Road.	16 Apr 2023 12:00pm
Y Wury Road	Entire Road	Closed	No access due to Parikanapa Road closure	To be advised
Ellmers Road - Hangaroa	Entire Road	Closed	No access due to Bushy Knoll Road closure.	16 Apr 2023 12:00pm
Oliver Road	From 7km	Closed	Slips and dropouts. Resident access.	30 Apr 2023 12:00pm
Tiniroto Road	34km - 41km	Closed	Washout and flood damage. No access.	07 Apr 2023 12:00pm
Parikanapa Road	Entire Road	Closed	Slips and dropouts. For 4WD route and convoy times please click on the image attached.	To be advised
Horehore Road	1.7km	Closed	Silt and drop outs	10 Apr 2023 12:00pm
Wharf Road - Hicks Bay	From 4km	Closed	Slip	31 Mar 2023 12:00pm
Matakaoa Road	Entire Road	Closed	Drop out.	31 Mar 2023 12:00pm
Waipiro Road	Entire Road	Closed	Slips and dropouts. Limited access to service vehicles only.	To be advised
Karakatuwhero Road	Entire Road	Closed	Two washouts. Detour available for residents only.	To be advised
Whareponga Road	Te Arai Bridge (7.7km)	Bridge Closed	Compromised. 2WD resident only access. Ford crossing available for larger vehicles.	To be advised
Hikuwai Road	Pauariki Bridge (0.5km)	Bridge Closed	Washed out. Temp ford access available for residents.	To be advised
Riverside Road	Waikereu Bridge (10.3km)	Bridge Closed	Road closed on either side of the Waikereru Bridge. Detour available for residents.	07 Apr 2023 12:00pm
Ruakaka Road	Ruakaka Bridge (7.7km)	Bridge Closed	Washed out.	30 Apr 2023 12:00pm
West Ho Road	Whakauranga Stream Bridge (1.2km)	Bridge Closed	Flood damage. Access to residents only.	03 Apr 2023 12:00pm

Road	Location	Status	Comments	Expected Resolution
Makarika Road	Makarika Bridge 2 (3.5km)	Bridge Closed	Abutments compromised.	05 Jun 2023 12:00pm
Tiniroto Road	Hangaroa Bridge	Bridge Closed	Washed out. No access.	To be advised
East Cape Road	Awatere Bridge (0.1km)	Bridge Closed	Bridge access for light vehicles only. Temporary ford open for heavy vehicles - Please use crossing in accordance with low-tide times.	To be advised
Burgess Road	Burgess Bridge (0.1km)	Bridge Closed	Washed out. Quad access for residents.	To be advised
Mata Road - Upper	Huiarua Bridge (12.5km)	Bridge Closed	Washed out. Access available from both sides of bridge.	03 Apr 2023 12:00pm
Walker Road	Mangareia Bridge (0.1km)	Bridge Closed	Washed out. Resident access via Waiomatatini Road.	To be advised
Te Kowhai Road	Mangatai Access Bridge (0.8km)	Bridge Closed	Washed out. No access.	03 Apr 2023 12:00pm
Pehiri Road	Littleworths Bridge (21km)	Bridge Closed	Washed out	03 Apr 2023 12:00pm
Patemaru Road	Patemaru Bridge (0.1km)	Bridge Closed	Abutment compromised. No access.	To be advised
Ruakaka Road	Mossman Bridge (10.7km)	Bridge Closed	Abutments compromised.	30 Apr 2023 12:00pm
Paroa Road	Mangatokerau Bridge (1.3km)	Bridge Closed	Abutments compromised. Access available both sides of bridge.	To be advised
Paparatu Road	Porters Bridge (2.2km)	Bridge Closed	Washed out. Quad bike access for residents.	09 Apr 2023 12:00pm
Bruce Road - Kanakanaia	Grays Bridge (1km)	Bridge Closed	Washed out. Temporary ford crossing open for residents.	To be advised
Tauwhareparae Road	Mangaheia Bridge 4 (18km)	Bridge Closed	Abutments compromised	01 May 2023 12:00pm
Bushy Knoll Road	Hollywood Bridge (4km)	Bridge Closed	Washed out.	01 May 2023 12:00pm
Waiau Road	Entire Road	Closed to Heavy Vehicles	Access reinstated. Work ongoing.	14 Apr 2023 12:00pm
Lavenham Road	Entire Road	Closed to Heavy Vehicles	Dropout at 6.5km	To be advised
Waimaha Road	Entire Road	Closed to Heavy Vehicles	Dropout.	16 Apr 2023 12:00pm
Pauariki Road	Entire Road	Closed to Heavy Vehicles	Access reinstated. Work ongoing.	14 Apr 2023 12:00pm
Kaiaua Road	From 5.6km	Closed to Heavy Vehicles	Flood damage. 4WD access.	11 Apr 2023 12:00pm

Road	Location	Status	Comments	Expected Resolution
Tutamoe Road	Entire Road	Closed to Heavy Vehicles	Slips and trees down. Resident access only.	11 Apr 2023 12:00pm
Puketiti Road	Entire Road	Closed to Heavy Vehicles	Flood damage. Access to 4WD and light vehicle.	10 Apr 2023 12:00pm
Wharekahika Road	Entire Road	Closed to Heavy Vehicles	Drop out and scouring from river. 4WD resident access.	10 Apr 2023 12:00pm
Kopuaroa Road	Entire Road	Closed to Heavy Vehicles	Slips and dropouts. Residents access only.	To be advised
Riverside Road	From 7km	Closed to Heavy Vehicles	Dropouts. 4WD access for residents only.	07 Apr 2023 12:00pm
Whareponga Road	From 2.1km	Closed to Heavy Vehicles	2km dropout repaired. 4WD access to residents only.	To be advised