



**AK
Have
Your Say**



Storm Recovery and Resilience

Tāmaki Makaurau Recovery Plan

2023 has seen a series of extreme weather events impact Tāmaki Makaurau / Auckland, with record-breaking rainfall, floods, landslides and high winds. Thousands of people needed assistance during and after the floods, and there is long-term damage to many homes, businesses and communities.

We're developing the Tāmaki Makaurau Recovery Plan to help us respond to the considerable challenges we face. It's organised around four key outcomes, that we call whenu (strands):



Community and social recovery
Impacted communities are reconnected and resilient.



Māori partnership and participation
Mana whenua and Māori are active partners and participants in the recovery of Tāmaki Makaurau.



Economic recovery
Sustainable economic activity is re-established enabling equity and economic prosperity.



Natural and built environment
Repaired and reinstated housing, infrastructure, facilities, and services are more resilient, and our natural environment is regenerated.

To help develop this plan, we want to hear from you about how the storms have affected you, both immediately following the events and since then. We want to understand what has worked for you, what is important for your recovery and the recovery of your community, and how you think Tāmaki Makaurau / Auckland can be more prepared for events like these in the future.

Auckland's 2023 record breaking storms



27 Jan
State of emergency declared



27 Jan - 1 Feb
Auckland Anniversary floods: record levels of rainfall (307mm) fell across the region



24 Feb
Heavy thunder storms caused further damage across Auckland



13 - 14 Feb
Cyclone Gabrielle: Over 300mm of rain, high winds and landslides



9 May
Flash flooding with further properties suffering flood damage



9 April
A tornado and high winds hit Auckland's eastern suburbs

Making Space for Water

We can't stop the rain, but we can make changes to our neighbourhoods, to make space for water to flow safely through.

We are proposing nine initiatives that can help manage flood risks in Tāmaki Makaurau / Auckland, with an estimated cost of \$1.65 billion*. These initiatives will equip everyone with the information they need to manage their own risks and prioritise support for some of the most at-risk communities.

Making Space for Water initiatives
1. Increased maintenance: Keeping the stormwater network ready to handle lower-level flooding events.
2. Flood intelligence: Investing in planning and modelling tools to understand flood patterns and assess future risk.
3. Community-led flood resilience: Ensuring we all know what to do before, during and after a flood, and are active in managing our own risks.
4. Stream rehabilitation: Rehabilitating critical high-risk streams to be more resilient to floods.
5. Rural settlements: Developing flood management solutions for rural communities, marae and papakāinga.
6. Culvert and bridge upgrades: Improving the capacity and resilience of critical culverts and bridges.
7. Blue-green networks: Creating new waterways (blue) and parks (green) to hold and convey stormwater in areas identified as having critical flood risks, feasible stormwater solutions, and wider community benefits.
8. Overland flow path management: Keeping private overland flow paths clear of obstructions.
9. High risk properties: Working with property owners to develop solutions where occupants are exposed to high flood risk.

Blue-Green Networks

Technical experts are assessing the potential for blue-green approaches in:

- Harania Creek – Māngere
- Kumeū River – Kumeū
- Opanuku Stream – Henderson
- Opoututeka / Coxs Creek – Grey Lynn
- Porters Stream – Glen Eden
- Sandringham, Epsom, Mt Eden
- Te Ararata Creek – Māngere
- Te Auaunga Stream – Mt Roskill
- Waimoko Stream – Swanson
- Whangapouri Creek – Pukekohe
- Whau Stream – Blockhouse Bay



Funding options

Storm recovery and resilience will be funded by central government and Auckland Council. Cost-sharing is still being decided, so council's funding amount isn't known yet. Making Space for Water has been costed at \$1.65 billion. There will be other recovery and resilience costs that are still being worked through (eg. relating to landslides).

To cover our share of Making Space for Water, we have the option to introduce a targeted rate. This could be allocated across the region (in the same way general rates are applied) or could be tiered so that people pay more if significant investment is made in their local area.

If the council had to fund all the flood management solutions by itself, this could translate to a targeted rate equivalent of around an 8 per cent general rates rise for the average residential property, in addition to increases already forecast from next year. This would be a significant impact for ratepayers, so we need to

*The total cost of \$1.65 billion is made up of around \$700 million for land acquisition, \$550 million of capital investment in improvements to our networks, and \$400 million of operating expenditure to improve our service levels.

carefully consider the options for moving forward. We will be seeking central government co-funding to reduce the impact for ratepayers.

We will consult with Aucklanders on the financial options before any decisions are made.

For now, we want to know if you think we've got the mix of activities right, or if you think there's anything else we should do as part of Making Space for Water. We will use your feedback to inform our final programme proposals.

Visit www.akhaveyoursay.nz/stormrecovery to fill in the online feedback form.

