

Kaipātiki Local Board Workshop Programme

Date of Workshop: Wednesday 2 August 2023
Time: 3.00pm
Venue: Boardroom, 90 Bentley Ave, Glenfield

Time	Workshop Item	Presenter	Governance role	Proposed Outcome(s)
3.00 – 4.30pm	Infrastructure and Environmental Services <ul style="list-style-type: none"> Storm Recovery and Resilience consultation 	Nicholas Vigar Head of Planning, Healthy Waters Brandii Stephano Relationship Advisor, Infrastructure and Environmental Services	<ul style="list-style-type: none"> Input into regional decision making 	<ul style="list-style-type: none"> Define board position and feedback

Next workshop: Wednesday 9 August 2023

9-Aug-23	11.10am	12.10pm	Customer and Community Services - Parks and Community Facilities <ul style="list-style-type: none"> Tracks high level options - storm recovery and renewals
-----------------	---------	---------	--

Role of Workshop:

- Workshops do not have decision-making authority.
- Workshops are used to canvass issues, prepare local board members for upcoming decisions and to enable discussion between elected members and staff.
- Workshops are open to the public however, decisions will be made at a formal, public local board business meeting.
- Members are respectfully reminded of their Code of Conduct obligations with respect to conflicts of interest and confidentiality.
- Workshops for groups of local boards can be held giving local boards the chance to work together on common interests or topics.

Storm recovery and resilience

Kaipātiki local board workshop



Extreme weather events have impacted Tāmaki Makaurau in 2023

- Record-breaking rainfall, floods, landslides and winds
- Loss of life
- 4,500 + households assisted
- Almost 600 households needed emergency accommodation
- Access to around 3,000 homes restricted or prohibited
- Extensive damage to marae, commercial buildings, inventory, infrastructure, utilities, productive land.

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



Storms cause a wide range of problems

What happens in a storm to cause damage

Sudden bursts of heavy rain can lead to surface or flash flooding. Water travels over the ground and pools, and pipes built for lower-level rain events are unable to manage the flows. Risk of damage is increased for properties in low-lying areas, steep catchments, close to streams and in urban areas – where large amounts of concrete mean rainwater is not absorbed into the ground.

Overland flow paths

Water can move very quickly over land, creating temporary fast-flowing streams. These are called overland flow paths. Items like rubbish, fences and even buildings can be swept away or create blockages leading to flooding.



Flood plains and flood-prone areas

Flood plains are areas of low-lying land, often (but not always) next to streams and rivers. As many streams have been piped underground, flood plains may appear in areas where water hasn't been seen before. Flood prone areas are low lying areas where water can pond if outlets are blocked. Water can become very deep, damaging property and creating risk to people.

Coastal areas

Waves, wind and rain can coincide to create storm surges and coastal inundation – where the sea floods the nearby low-lying land. High tides add to these events and can slow the flow of streams, rivers and pipes into the sea.



Groundwater flooding

The ground absorbs rainfall, but it can become saturated, especially after lots of rain. When the groundwater level is high, water can take days to soak away. Houses built below the water table, and parts of Tāmaki Makaurau built on volcanic rock, will be more affected by groundwater flooding as the ground in these areas is less able to soak up water.

Land stability and fallen trees

Heavily soaked ground and high winds can cause landslides, erosion and fallen trees. This can cut off essential services like power, water, communications and transport links, and pose a threat to nearby houses.





Kaipātiki impacts

366 stormwater requests for service

65 red placards

271 yellow placards

Top stormwater issues

- 1) Manhole damage
- 2) Erosion/tomo/slip
- 3) Blockage (ie streams)
- 4) Property flooding



The Recovery Office



Auckland
Council



- Coordinates the recovery efforts and processes on behalf of the council group, central Government and partners
- Led from within the council on behalf of all organisations within the Recovery whānau
- Prioritises resources to support our most impacted communities as they deal with the after-effects of the storms
- Directs recovery in a way that acknowledges future changes and challenges, ensuring local recovery is sustainable.

Our purpose

Bring about the immediate, medium, and long-term holistic regeneration and enhancement of Tāmaki Makaurau as a result of the tragic and extreme weather events of 2023

from the CDEM Act 2002



Our 4 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.



Recovery in Kaipātiki



- Interim Recovery Plan was developed to detail the immediate response, the scale of impacts and the mandate for recovery
- Now we need Aucklanders to help us develop a detailed Tāmaki Makaurau Recovery Plan (TMRP) to guide our long-term activities for both region-wide and local recovery.
- The plan will detail the programmes, funding mechanisms and delivery partners that will support the repair, regeneration, and resilience for the region.
- We're seeking input from all Aucklanders so that our plan reflects the needs and aspirations of our communities.
- Kaipātiki has communities that were seriously affected by the storms and continue to face the impact of these extreme weather events.
- We'll have focused engagement opportunities for your communities to ensure your community members have online and in-person opportunities to shape your local recovery plan





Making Space for Water

We're proposing four objectives for managing flood risks:



Reduce existing flood risks

Risks in known flood areas are reduced, using a toolbox of flood management techniques.



Avoid creating new flood risks

New development avoids creating flood risks to people, property and infrastructure.



Raise people's awareness of flood risks

Aucklanders understand what flood risks mean for them. They know if they live in a flood hazard area, how to manage stormwater on their property, and what to do before, during and after a flood.



Be prepared for flood events

Reliable data and systems underpin the council's and Aucklanders' storm preparations.



Making space for water in Kaipatiki



Operations and maintenance

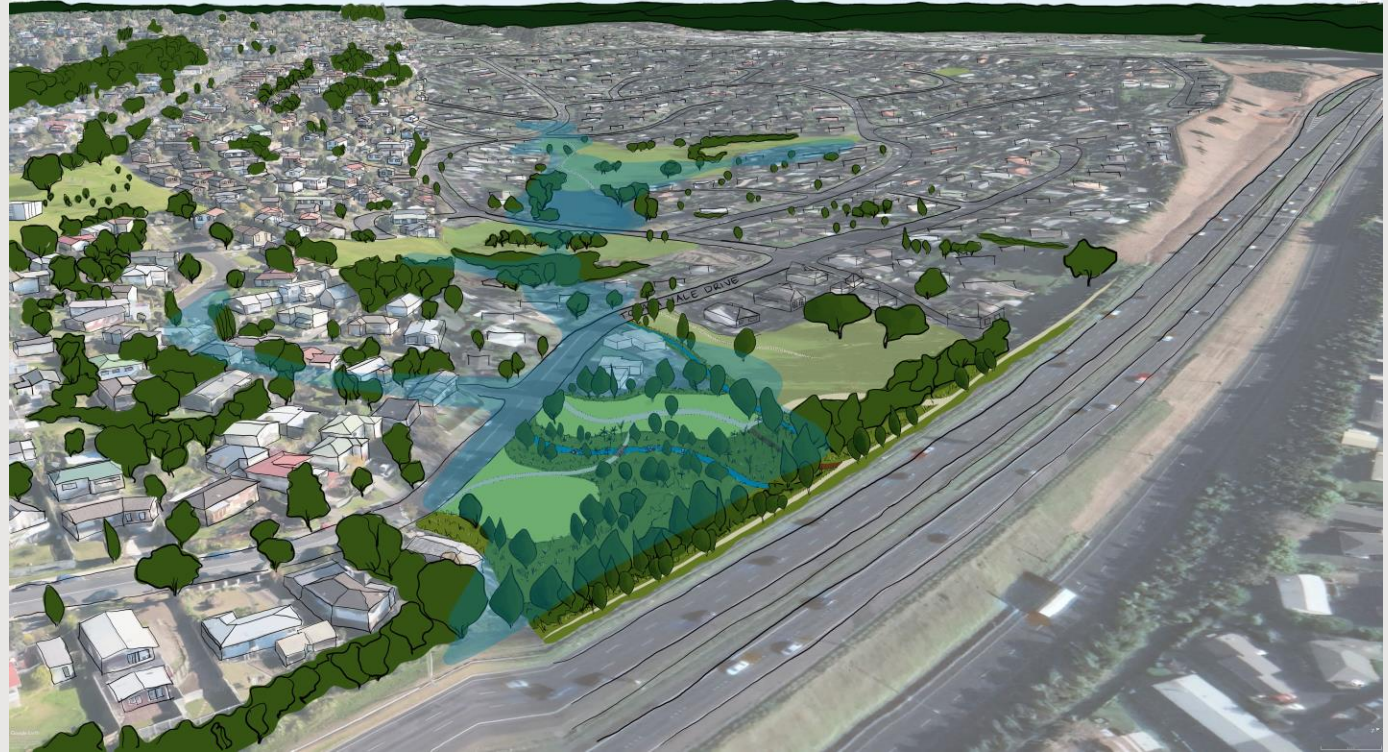
- Increased maintenance
- Flood intelligence

Neighbourhood solutions

- Community led flood resilience
- Stream rehabilitation
- Culvert & bridge upgrades
- Blue-green networks

Site specific interventions

- Overland flow path management
- High-risk properties



Totara Vale stream blue-green area



Blue-green networks have catchment-wide benefits



Reduce surface flooding and associated damages



Ensure public safety and protect private and public assets



Support development without causing new flood risks



Improve the urban ecosystem, community interactions and wellbeing, amenity values



Improve water quality



Funding recovery



Making Space for Water:
\$1.65b



Consultation on rates
impact later



Cost share and delivery
negotiations (government,
water reform)



Further costs for
geotechnical and
community recovery



Engagement approach



Engagement objectives



Collaborative engagement

Combine Recovery Office and Making Space for Water engagement and align where possible with Local Board Plan and Civil Defence Emergency Management Group Plan consultation activities to be efficient and reduce consultation fatigue.



Equitable approach

Inclusively engage all Aucklanders, with a greater focus on communities with the greatest need and where impacts were more severe.



Community engagement

Partner with community groups and champions to increase awareness, facilitate diverse conversations and support recovery.



Accessible information

Provide digital and in-person opportunities, as well as hard copy information and feedback forms in all libraries and council service centres. Information will be translated into Te Reo Māori, NZ Sign Language, Simplified-Chinese, Traditional-Chinese, Samoan, Tongan, Korean and Hindi.



Awareness

Drive widespread awareness of the consultation through prominent mentions in communications.



Engagement audiences – wide reaching



Affected
property
owners

Priority
impacted
areas

All
residents

Peoples'
Panel

Mana
whenua

Community
partners

Advisory
panels





Multiple engagement techniques and channels

Digital	Face to face	Hard copy
<ul style="list-style-type: none">Translated summary information and feedback forms on AK Have Your Say websiteWebinars and webinar recordingsScheduled feedback sessions for organisationsEmailed information and feedback through partners, People's Panel and stakeholder groups	<ul style="list-style-type: none">20+ drop-in sessions to talk with subject matter experts and support staffFurther activities to align with Local Board and community led engagement eventsOpportunity to provide verbal feedback for council officers to recordParticipatory forumScheduled feedback sessions for organisations	<ul style="list-style-type: none">Translated summary information and feedback forms in libraries & other council venuesInformation available at engagement events to take away



Kaipātiki events

Location	Date	Time
Milford Mall	Monday 21 August	3PM – 5PM
Aristotle's Motel (Local Businesses)	Tuesday 22 August	5PM – 7PM

**AK
HAVE
YOUR
SAY**





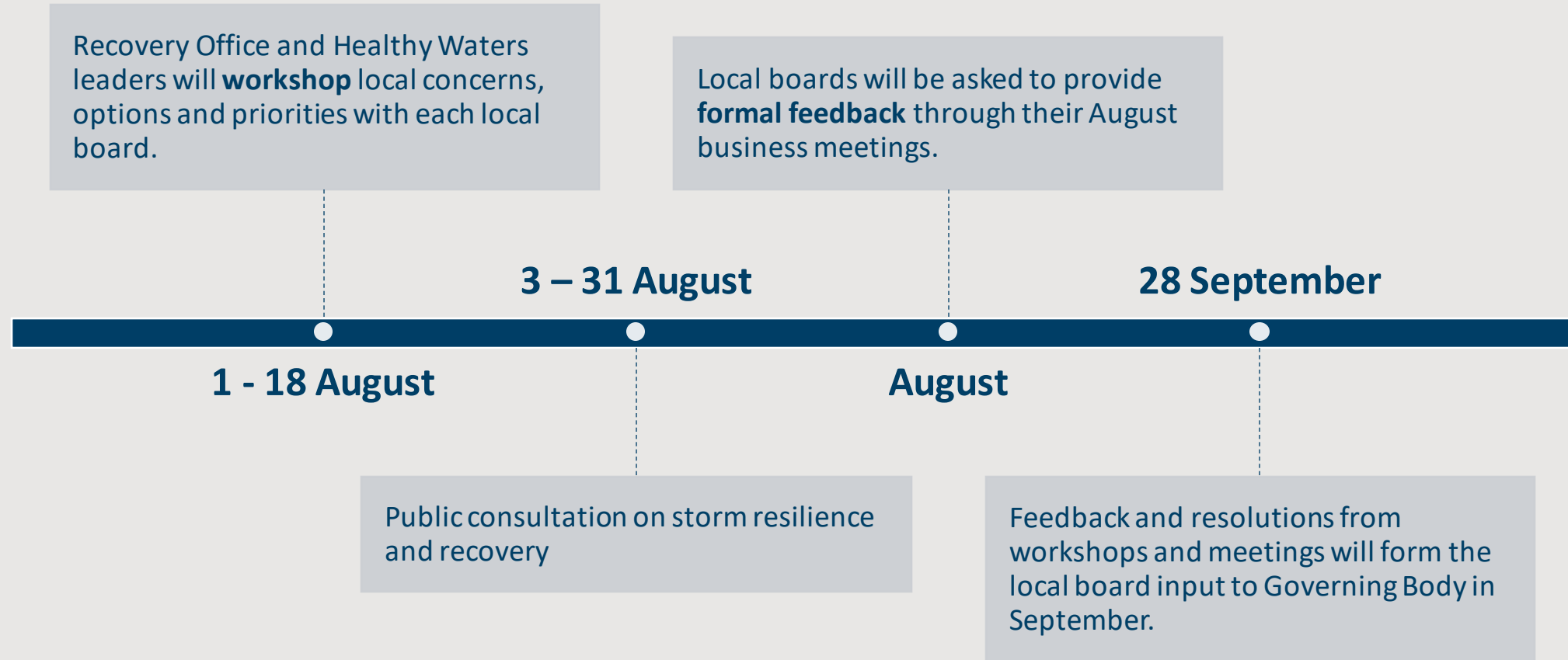
Consultation questions

- How were you, and your local community, affected by the extreme weather events in early 2023?
- Was your home flooded or damaged during the extreme weather events in early 2023?
- In the months following the storms, what has helped you and your community get through?
- What would help you and your community feel like you had 'recovered' from these extreme weather events?
- How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?
- There are nine possible initiatives outlined in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost \$1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?
- Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?





Consultation through August and September





Te Mahere a te Rōpū Ārai Mate Whawhati Tata me Te Raru Ohore me Tāmaki

Tāmaki Makaurau Auckland Civil Defence and Emergency Management Group Plan

August 2023. Consultation Version.

aem.org.nz



Auckland
Emergency
Management
Tokonga Mate Ohotata o Tāmaki Makaurau



- Sets strategic direction for our work on Auckland's Civil Defence Emergency Management system
- 5-year timeframe
- Covers 4 Rs of emergency management – reduction, readiness, response and recovery
- Required by the Civil Defence Emergency Management Act
- Consultation running through August



