
Storm Recovery and Resilience Consultation

WRITTEN FEEDBACK Volume 6

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Storm Recovery and Resilience Consultation

#129

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected this time

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Me and my immediate community were not affected. I assisted a cousin in Murrays Bay who's house was flooded.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Action by the council to repair all damage as far as practically possible. A new approach by the council that makes resilience to climate change a priority, if not THE priority.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

A comprehensive upgrade of Auckland's drainage and storm water system. No development whatsoever on Auckland's greenspaces, especially golf courses.

6. There are nine possible initiatives outlines 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?

They all sound excellent, especially the blue-green networks. They also need to be ACTED ON

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

While this is possibly covered under the blue-green networks, I would like to see ALL of Auckland's golf courses left as they are. They are by far the biggest greenspaces in suburban Auckland which act as enormous sponges for a tremendous amount of water, as well as having in-built drains as part of their design.



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#158

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We had flooding down the main road and all around our house incl driveway & garden. The flooding damaged plaster boards on our house

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Less severe rain, clean drains along the road, sandbags

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I feel like we have recovered from the extreme weather event

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better drainage so that water can drain and decrease the risk of flooding

6. There are nine possible initiatives outlines 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?

I am in support of the initiatives as I think we need to be prepared for more extreme weather events in the future

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



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#314

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Disconnect and inability to access goods and service providers for my disabled son. Loss of power / internet. Staff vehicles were flooded entirely. My sister swam home from work and required a tetanus shot from floating debris. Deliveries delayed from my business and receiving inward goods. School closure particularly triggering for my disabled son who experienced profound isolation during lockdown.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Talking and working together. Mental health support (psychotherapy, yoga therapy, EMDR). Playgroups, yoga, friends, whānau, a te ao Māori lens on manaakitanga of our whenua, aww and moana. Community planting and collaboration. Additional funding / business support / workshops to develop resilient businesses (and resilient business owners) through Whāriki has been invaluable.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Business and school back to normal. Landscape >80% recovered. Consistently drier weather or a dramatic commitment from council towards climate change and meeting environmental targets. Offer free mental health care to ensure we actually have recovered.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Engage better with local iwi and actually implement all of their suggestions. They have been kaitiaki for this city many hundreds of years longer than any of the city's current inhabitants - it is this generation that have created the conditions for our current natural disasters. Presumably, if current inhabitants were capable of preventing or preparing for these events they would have done so already. Current or modern thinking is clearly not the way forward. Ka mua, ka muri. Local iwi ancient wisdom has authority in its precedent and their advice is easily accessible. Not to mention ready willing and eager to do the mahi. Preparedness could be measured by how well your most vulnerable communities are insulated from the effects of future events

6. There are nine possible initiatives outlines 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?

Budget spend should be prioritised to Māori initiatives, businesses and communities first and always in any council expense.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes. There were disabled people stranded in the floods with impaired access to life-sustaining goods and services. The burden of additional care, resources and supports required for disabled people must be a paramount inclusion in any future planning. I know of one elderly disabled lady left stranded in her wheelchair on the roof of a random floating car for hours in Mt Roskill - she should be the priority.



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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not very much luckily

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Being on slightly higher ground so the water would run off

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Plans like the ones this survey are about being implemented

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We can not use previous calculations for storm water

6. There are nine possible initiatives outlines 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?

They all looked really good to me, mainly making space for the water

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Buying back land that has a medium chance of flooding, the govt can help with that



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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was affected by others over-reacting when there was some non-extreme weather events. Particularly the mayor telling everyone to go back home one afternoon when it really wasn't necessary.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Good communication by authorities.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

They can have better planning, and better comms planning.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

"work with" the land, and the weather, by not building on flood plains. Water will do what it wants, and it's counter-productive to build infrastructure and housing in areas which could be affected.



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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Since 1st flood that caused a lot of damage to our home, we had to move out - an ongoing journey of getting things sorted with Insurance took 6 months. Repair works is in progress. Loss of income (a couple was boarding with us as well) and raise in mortgage rates meant higher financial stressors. Fearful that it would happen again as property is close to Te Ararate creek and we will go thru this cycle again. Every heavy rain causes anxiety about flooding.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Moving in with family and friends. Heartbroken as this was a brand new 1st home we purchased :(

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Te Ararata creek to be contained in a deep storm drain instead of a free flowing creek with zero containment. Additional storm drain outlets along the streets to prevent overflow and flooding the streets/homes

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Te Ararata is still in the same condition as it was prior to Jan 27th event. Nothing has been done. As ratepayers, we feel our rates are not benefiting us. The problem has not been addressed adequately and the creek is still free flowing without proper drainage system in place. It was supposed to be addressed by Kainga Ora and the Auckland Council ..why the delay - we have had several near misses since January 2023.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Urgency in getting it resolved. Please!



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#545

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My property next to Te Ararata Stream in Mangere was flooded up to the windowsills.

The tenants property was all destroyed. This property was yellow-stickered.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Insurance has paid for much of the repairs but I am still left with over \$6,000 worth of other repairs plus loss of rent as the insurance for the rent has run out.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A plan to prevent this happening in the future.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop letting developments put down acres of concrete with minimal grass areas.

Maintain our water care infrastructure and the streams; create more wetlands.

6. There are nine possible initiatives outlines 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?

A large wetland needs to be created for Te Ararata Stream. Small changes will not suffice, given the depth and breadth of the flooding.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Responsible development.



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#579

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Extremely flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Nothing, by ourselves

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Plan in place for future flooding and proper water management

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Someone need to accountable for the failed system

6. There are nine possible initiatives outlines 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?

Don't spend money on advertisement and talk. Spend on action

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Make it fast



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#616

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We were fairly lucky, no issues on our property. Some in Papatoetoe I think had it a lot worse.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We have been fine, I'm not sure on the wider community.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Preventative measures put in place for anything that failed.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Preventative measures put in place for anything that failed. More drainage, not building properties in flood zones.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Work

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing from council

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Assurance that infrastructure would improve

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Stormwater controls

- 6. There are nine possible initiatives outlines 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?**

Consider greenfield areas ignore rich pricks

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



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#820

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We were not too affected, we live on slightly elevated position and had done quite a bit of drainage work in recent times. The neighborhood was though.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Na

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Community support, with no barriers from beauracracy

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Engage early with local support systems; iwi, churches, NGOs and throw health, social, and housing govt agencies behind these existing support systems.

6. There are nine possible initiatives outlines 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?

I think that on the very long term, most of these plans will be futile. But they seem like good stop gap

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



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#930

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My property flooded almost completely it was mid shin fast flowing water on both the front and back of my house. The car was up to the base boards. Many of my neighbours were completely flooded out. Some houses were deemed unliveable despite being relatively new. 1 of my close neighbours, has had to regib after jan and then again a couple of months later. As we live in Mangere Bridge, we felt completely forgotten and it seemed ridiculous that they council expected us to have gas money to drive all the way to Massey for sandbags. There was NO council support. Dave Letele and other Maori & PI organisations jumped in with food and blankets and clothing. But for many of my neighbours it was devastating.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Community support groups.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To see action being taken to ensure it doesn't continue to happen. The council mown strips are OFTEN overgrown so add rain and it is quickly saturated and overflowing. Also the grass/branches/leaves/trees are just left sitting on the ground to immediately clog up the drains - private lawn mowers have to blow and take away the grass but council workers seem to think it doesn't matter in our neighbourhood. There is always rubbish in the gutters everywhere and it is NEVER picked up. It ends up in the streams and hence yet more overflowing. The rubbish collection grate in the stream was SO full in summer that it was ineffective, nevermind when rain hit. More rubbish bins. I live on Miller Rd which has 4 schools, a church, daycare and a small group of shops adjacent. There are 2 bus stops in my stretch of street but only 2 small rubbish bins. The bins over at East Auckland beaches would be 4x the size of what we have and much more abundant for such a low density area. If you were genuinely committed to our community start with rubbish bins, street sweeping 4 times+ a year, empty the stream rubbish cachement without having to be asked repeatedly by the community. Clean out the stream. Better planting around the streams to soak up run off (flax etc) - to be truly effective pretend your in St Heliers...

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Sandbags or sand need to be at all 4 points of the compass BEFORE the storm hits. Trees around powerlines need to be regularly trimmed. Stop moving streams, build around them. Use the slope of the land rather than making everything flat and floodable. Bigger better regularly maintained road drains. Bring back free inorganic collection, there would be less rubbish dumped in streams and parks to later clog up and cause flooding and the prohibitive cost of illegally dumped rubbish should mitigate the costs. Alternatively make 1 Tuesday per month free to dump a carload or trailer load at the local dump. If not free at least cheap \$10-15 is doable for a beneficiary who wants the broken couch out of the yard. Redevelopments need to be responsible for improving the water with 200m of their development - one went up recently near here and we all know it's gonna flood and each time it has but it was allowed to be built anyway - the onus should be on the person profiting to pay - they make more profit when they come into a "good" neighbourhood.

6. 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?

I would like more information regarding the \$400m for operating expenditure seems exorbitant. I believe that suburbs that are high risk such as those around beaches etc should pay more in rates - you have the benefit of living at the beach so if something goes wrong you should pay for it. I also feel that those homeowners who choose to live in places with roading issues, Laingholm, Titirangi etc should have to pay higher rates for the privilege - everyone knows those areas are prone to issues because low density housing (eg rich people with big sections) means that road repairs are less important than areas housing thousands more families. Similarly I think privileged dummies who live on clifftops should also be responsible for their own upkeep. The part I'm not sure of is people who get hammered by the overland flow paths - if this wasn't stated on their LIM report at the time of purchase I believe the onus is on the council to fix/share the cost. But if it is a new build and it is a known flood area...it should be between them and their insurer - not my financial cost. Ultimately though I believe that if the council get the stormwater, surface & stream rubbish right a lot of the "overland flow paths" should be irrelevant. More greenspace and more planting on reserves with picnic benches and playgrounds would be amazing. Especially if they were natural playgrounds like at Te Auanga - skateparks cause a lot of problems with graffiti, large concrete non-soaking areas. Trees for shade (fruit trees would be a winner) a few logs to sit on a dirt bike track....winning. I firmly believe that anybody who built or bought in a high risk area in the past 20yrs should not be given market rental - climate change has been around all my life, you took a risk, it failed, deal with it yourself.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I think you should employ community cleaners. Not to take the place of your current lawnmowers or twice yearly street sweeping but to act in addition to. Pay them 5-10hrs per week and supply them with gloves, rubbish bags, those rubbish picker upper claw things. If you expect them to take the rubbish to the dump too then you need to provide identification for them to dump rubbish bags for free at their local refuse centre. Council employees can monitor their own neighbourhoods and report if it doesn't appear to be being done. But you will engage the community as caretakers of their own space, if they see people actively picking rubbish up, they will think twice about dumping it, less drain blockages, cleaner healthier living spaces for our tamariki. Potential to uplift individuals into employment whilst fostering kaitiakitangi in their community - for what \$100-200k per year...take it out of the \$400m operating expenditure and realise that Aucklanders felt so let down by the council this year - but seeing a person in an AKL Council Kaitiaki jacket picking up rubbish...it will go along way towards the councils communal perception. Whenever a tree falls or is cut down for maintenance, cut the wood up for firewood and leave the mulch there for the community to take for free - mulched pathways instead of paved or concrete is much more environmentally/flood friendly. Start being more community minded and the community will flourish.



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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

many houses near the creeks were flooded in Mangere

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

I am not aware of any community support, the houses in my street impacted were spread out not like the west auckland streets so no one was banding together in our street to help us

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I am still not able to live in my house and the creek at the back will continue to flood, I would not feel safe even if my house is fixed and I return there

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

council needs to maintain the stormwater system, drains and public reserves and creeks next to homes

6. There are nine possible initiatives outlines 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?

I would like the houses that are in immediate danger from known flood areas to be bought by the council and returned to nature to make the space for the water, houses close but not impacted should be raised to protect them

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

regular cleaning of drains would help



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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our family home in piha was flooded and is now red stickered. My whanau have been dealing with the govt trying to get a decent pay out or have access to their home again. Whanau and friends lost their cars, homes and belongings.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

Donations, family get togethers.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Accountability! The govt needs to make the necessary changes to make sure when another extreme weather event happens we are prepared and it doesn't affect us as severally. Stop using concrete. Allow for wet lands and streams to let the water flow back to the moana without making too much damage

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop building! We need less people in Auckland! Create an incentive for young people/couples/ families to move out of Auckland. We have so much space in Aotearoa but for some reason everyone is in bloody Auckland. If both my partner and I were guaranteed a up to code house and jobs that paid the same or more than what we have now in another part of New Zealand we would 100% leave. It's the unknown that keeps us here.

6. There are nine possible initiatives outlines 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?

Tax the rich! How can we keep taxing people who barely earn ends meet but allow the top 3% to keep buying yachts. It's disgusting! Firstly fire half the people in parliament who basically do fuck all. The only person I trust is Chloe the rest can take a hike.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

STOP BUILDING! Have people clearing the storm water drains more often.



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#976

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was working for an NGO supporting flood response and relief, and a resident of Mangere where neighbourhoods were severely impacted

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

There was a sense of connection and cohesion during and directly after, however I am unsure we have addressed the long term impact of housing and health related aspects

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

All families in stable warm dry homes not at threat of built infrastructure that cannot cope with climate change consequences

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Build appropriate drainage and replan the city to ensure potential areas susceptible to flooding are not used to build.

6. There are nine possible initiatives outlines 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?

All initiatives that proactively protect the rights and interests should be highly prioritised. Secondary to that, all water quality and accessibility components, and to ensure all residents have equal and equitable access to clean waterways, and bodies of water to use for recreation and harvest

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Build flooding resilience measures into the plan and budget to afford emergency response mechanisms when future extreme weather events occur due to climate change



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#993

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Restricted or blocked road access around Auckland

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Mostly community and charitable organizations efforts

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Measures undertaken to repair or restore then work carried out to eliminate or reduce future harm in these events

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Cleaner environment [no blocked drains and clear waterways /stop development in low lying areas that are likely to flood]

6. There are nine possible initiatives outlines 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?

Additional rates will not be needed if Mr Brown cracks down on wasteful and excessive spending and glory projects [eg waterfront pool] are put on hold]

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Cannot think of anything at the moment



Storm Recovery and Resilience Consultation

#1124

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

loss of property Feelings of misplacement no confidence in Kāinga Ora and council with any updates for homes that are yellow and red stickered.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

non-profit groups reaching out to assist.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Clear communication and update from both Kāinga Ora and council with houses that are yellow and red stickered if families can move back in or to relocate.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Looking at pervious areas that are known to flood in the past with heavy rain then fixing their infrastructure and how the new builds affected those property around them. Clearing of debris after rain from drainage in these areas.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

New infrastructure needs to be in line with past/pervious infrastructure for drainage



Storm Recovery and Resilience Consultation

#1229

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Almost 200 homes flooded, family lives disrupted, tonnes of contaminated household goods to landfill, Families relocated, problems with schooling & jobs.

Minimal impact noticed on ecosystems; some plants displaced.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Rehousing by Kainga Ora; Service hub set up by local organisations & Local Board Resolution of housing/insurance issues.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Actively participating in a comprehensive plan to change local urban planning practices in preparation for future weather extremes.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Residents of each drainage catchment should collaborate with Council & other experts to adapt the design of infrastructure and buildings to be resilient to greater extremes of climate. When designs are accepted, they must be implemented.

6. There are nine possible initiatives outlines 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?

Good. They are necessary, we will have to pay.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Emphasis on public education about ways to keep stormwater safe from pollution, and enforcement of necessary measures to do so. Necessary for human and stream and ocean communities.



Storm Recovery and Resilience Consultation

#1269

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My yard flooded in the first flood, but did better in the second flood after undertaking drain clearing. My community and I made sure that street drains were clear after warning of torrential incoming rain. My improvised sandbags were not as needed as I thought.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Person to person support, clear information.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Homeowner initiatives and incentives to convert personal gardens into rain gardens or other "at home" measures that can be put in place to help mitigate future rain/flooding problems.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Home landscaping to promote better ground drainage in urban areas, not allowing homes to be built on cliffs or other vulnerable lands, prompter and more respectful responses by leadership

6. 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?

They all sound great and sensible, but as a first home owner, another rise in rates gives me severe anxiety about my personal financial stability.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Promotion and information resources for home owners to personally act and help safe guard their property



Storm Recovery and Resilience Consultation

#1420

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Your feedback

my mum- 42 bader drive mangere

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

flooding in mangere- highest ever experienced, damage to property, sewerage leakage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

family

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

more information from council about what they are doing to improve the flooding risks and waste management

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

better communication about what to do and expect in storms, better help lines, faster response times

6. There are nine possible initiatives outlines 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?

should think about charges for park access and things like that- as rate payers seem to be paying for everyone to enjoy the spaces

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

need to think about the density of housing, locaiton of housing and pressure on sewerage systems and their impact on flooding.

are the drains being maintained, street cleaning & rubbish removal.



Storm Recovery and Resilience Consultation

#1484

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some in the local community had water flowing through their low lying land/garages/ground floors.

Personally we just had a stream running round the house which caused no damage.

We did however notice that the water was flowing up and under the road, coming through the tarmac and causing a stream where we have never had one before. 30plus years here.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Locals affected have been helped to clear up, but I am unaware of actual plans for their properties.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better drainage along Kiwi esplanade as the path gets covered in water every time it rains now.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Make sure the emergency services are well prepared, advise the public in plenty of time when risks are possible. It is better to be warned in advance, even if the event turns out not to be serious, than to be caught out unprepared.

6. There are nine possible initiatives outlines 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?

All the initiatives are good, but please remember that those on fixed incomes cannot just pay more rates with money they do not have.

Infill housing needs more attention to storm water drainage, not just ensuring it flows off the properties, but whether it will impact the nearby properties.

Parks, Maunga and Harbour frontage can be allowed to catch the water temporarily, but need to have good drainage to ensure the water flows away and does not just settle there.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Making sure sewage and storm water do not mix is, to my mind a priority, larger drains for each need to be installed when new housing is built or renovations occur.

Growing trees that absorb the water and help hold the land in place should be a priority, not just cutting down trees then leaving the land bare for months/years.



Storm Recovery and Resilience Consultation

#1491

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minor flooding in our yard, power cut during the storm

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

food parcels, communication with our community hubs e.g. te kura maori o nga tapuwae for where to seek support and how to help those affected when we weren't affected

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

knowing everyone has been supported and is back in safe and healthy households

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Yes, better planning in all the new buildings

6. There are nine possible initiatives outlines 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?

i believe we need to do what we can to prevent further damage in the future

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1583

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Many parts of Manger were affected. Severe flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Local support groups

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Repair homes and infrastructure. Lots of social housing substandard.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Upgrade infrastructure and make sure when building infill housing drainage and stormwater prioritised.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1778

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Houses and sleepouts were flooded along with vege gardens in Jan 2023. Our household had to move in with other family members, and all subsequently had to move to 2 other sets of extended family members as the first place of refuge had also been flooded but was only declared uninhabitable 2 months after the flooding by their respective insurance company. Restoration of my home took 3months which I eventually project managed as insurance and their contractors were very slow and simply hard to keep track of. Another of our family only moved back to their restored home last week (mid August)

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Support hub in Mangere for some; goodwill of family members; good information via the media and social media community pages.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Clean up public spaces, malls and shopping centres, stop noisy business activity in residential and semi-industrial areas (e.g. logging and container companies on Kirkbride Rd, Mangere Bridge) so people can sleep/rest its been a hell of a year; and so the suburbs and city stop looking like ongoing works in progress. Tidiness and respect for the wellbeing of residence shows care for people and environment, self-respect as a city and as sense of dignity.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Urgently improve storm water infrastructure, stop building homes in flood prone areas, construct more resilient public infrastructure and homes/buildings to mitigate against future damages, set up an emergency fund, accommodation and emergency network people can readily access in a future emergency; run adverts on TV and radio on how to prepare; weekly sweeping of street drains; bring back berm maintenance by Council it makes you feel 'there' and city beautiful.

6. There are nine possible initiatives outlines 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?

Support the proposed programme of initiatives - please act soon climate change is here and our city and people must be prepared.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Please also review the contribution of business activity on our environment, incentivise their contribution to community safety and wellbeing.



Storm Recovery and Resilience Consultation

#1892

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My workplace closed part-way through the Saturday morning of the storm early in the year.

Event was concerning to family and caused us to think about our flood/extreme weather readiness for the future and take some actions to improve this, including updating stores of fresh water and durable food. No major flooding of our flat or immediate neighbours.

Flooding in back yard, some of which went under house, though no damage is apparent from this. We again asked our property manager to fix a broken downpipe. This was eventually fixed in August. Flooding in our suburb (Ōtāhuhu).

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Thinking about preparedness and taking some actions to improve this. Talking to others about their experiences.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Talking with others and keeping in touch with neighbours. Saying 'hi' to neighbours and knowing their phone numbers to better allow cooperation in an emergency. Seeing constructive adaptations being made around Auckland.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

'Sponge-city' idea seems a good adaptation and way of thinking and taking action to improve flood readiness.

6. There are nine possible initiatives outlines 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?

I support all of the initiatives outlined in the consultation document.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Effective culturally-competent communities engagement across Tāmaki Makaurau in relation to flooding and extreme weather.



Storm Recovery and Resilience Consultation

#1921

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our 1 year old new build was flooded to a depth of 1 foot when TeArarata Creek flooded its banks due to inadequate flow between Moyle Park and Walmsley Bridge. This creek is the drainage point for over 500 new homes in the area and is long overdue for an upgrade as has been admitted as part of the expected plan when consenting and building this many new homes in an area.

I have spent less time living in my house than displaced and am not likely able to return until October.

Since the Jan 27th event, the Te Ararata Creek has come close to breaching its banks twice more in May. Unless the expected upgrades are implemented quickly, we face the almost certain threat of being flooded again, which is ruining our young family both mentally and financially.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Neighbors and family are all we can rely on for support. Council have extended offers to talk and we have met with local council frequently, but urgency of action is waning as the scope of the problem is realised.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Address the short sighted gamble that is failing to upgrade the creek infrastructure as planned BEFORE the building of homes. We have been shown several examples of 'good results' in other locations achieved by council, while simultaneously admitting that poor risk assessment has led to the outcome we have now in Mangere.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do the thing that is supposed to be at the core of the councils responsibility.

Water. Waste. Power.

I don't need community outreach or emotional support if you do what is expected of councils.

6. There are nine possible initiatives outlines 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?

I agree with all 9 of the initiatives, but have concerns about the tiered rates.

I recognise the fact that the funding must come from somewhere, but placing the primary financial burden on flood-affected individuals and communities those who have been most impacted already in what is ultimately a collective under-investment, particularly in areas prone to flooding.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I am primarily concerned about the speed of action beginning with the process to buy out category 3 properties. I would have wanted this to not be a lengthy voluntary process.



Storm Recovery and Resilience Consultation

#1922

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our 1 year old new build was flooded to a depth of 1 foot when TeArarata Creek flooded its banks due to inadequate flow between Moyle Park and Walmsley Bridge. This creek is the drainage point for over 500 new homes in the area and is long overdue for an upgrade as has been admitted as part of the expected plan when consenting and building this many new homes in an area. I have spent less time living in my house than displaced and am not likely able to return until October. Since the Jan 27th event, the Te Ararata Creek has come close to breaching its banks twice more in May. Unless the expected upgrades are implemented quickly, we face the almost certain threat of being flooded again, which is ruining our young family both mentally and financially.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Neighbors and family are all we can rely on for support. Council have extended offers to talk and we have met with local council frequently, but urgency of action is waning as the scope of the problem is realised.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Address the short sighted gamble that is failing to upgrade the creek infrastructure as planned BEFORE the building of homes. We have been shown several examples of 'good results' in other locations achieved by council, while simultaneously admitting that poor risk assessment has lead to the outcome we have now in Mangere.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do the thing that is supposed to be at the core of the councils responsibility. Water. Waste. Power. I don't need community outreach or emotional support if you do what is expected of councils.

6. There are nine possible initiatives outlines 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?

I agree with all 9 of the initiatives, but have concerns about the tiered rates. I recognise the fact that the funding must come from somewhere, but placing the primary financial burden on flood-affected individuals and communities those who have been most impacted already in what is ultimately a collective under-investment, particularly in areas prone to flooding.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I am primarily concerned about the speed of action beginning with the process to buy out category 3 properties. I would have wanted this to not be a lengthy voluntary process.



Storm Recovery and Resilience Consultation

#1925

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are a neighbourhood of mostly first home owners. Our brand new homes (under construction to 1y old) were flooded on January 27th and subsequently yellow stickered. Some of us are still unable to live in our homes waiting for the remedial works to be completed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The emergency relief organised by the local board, with its base at the Moana-Nui-a Kiwa Leisure Centre pools, was a pivotal lifeline. It provided immediate access to necessities like food, water, and shelter, showcasing the community's ability to rally together in times of crisis.

The presence of our neighbourhood advocacy group 'Thrive in Mangere' has been invaluable. Their efforts in liaising with local authorities, Kainga Ora, and providing a platform for community concerns have shown the strength of collective action. Their support in amplifying our voices and concerns demonstrated the power of community-led initiatives in times of crisis.

Access to vital information, organised by Kainga Ora in collaboration with the Council, was instrumental in keeping our community informed, ensuring that we were aware of crucial developments. This access to reliable information alleviated anxiety and empowered us to make informed decisions for our families.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We believe that a sense of 'recovery' from these extreme weather events would be achieved through two crucial components. First, restoring our homes to their pre-event condition . This includes not just physical repairs, but also reinstating the emotional security that our homes provide. Many of us have struggled with substandard workmanship in our remedial works.

Secondly, a key factor in our recovery would be the successful implementation of well-engineered solutions that enhance our community's resilience against similar weather events in the future. This would not only alleviate immediate concerns but also provide long-term reassurance.

The combination of these two elements—restoring our homes to their former state and bolstering our community's defences against future weather challenges—would contribute significantly to a sense of recovery and stability for both us and our neighbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key.

6. There are nine possible initiatives outlines 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?

We wholeheartedly support all nine of the proposed initiatives outlined in Making Space for Water, particularly emphasising our endorsement of the blue-green network concept. Furthermore, we believe the introduction of a targeted rate, which earmarks the funds specifically for these initiatives, is a positive step towards ensuring their successful implementation.

However, we have concerns regarding the proposed tiered rate system. While we recognise the need for adequate funding, we question the fairness and reasonableness of placing a heavier financial burden on flood-affected individuals and communities. It's important to consider that the root of these initiatives lies in addressing historical under-investment, particularly in areas prone to flooding. Consequently, it seems inequitable to impose tiered rates that disproportionately affect those who have been most impacted.

We acknowledge that the enhancements brought about by these initiatives might lead to an increase in property values, which, in turn, could contribute to higher rates in the future. While we understand the logic behind such an increase, the prospect of tiered rates, before the works are carried out, with flood victims carrying the heaviest load, raises concerns about feasibility and affordability.

At this juncture, we believe that striking a balance between funding these crucial initiatives and ensuring fairness in rate distribution is paramount. We hope the Council can arrive at a solution that not only supports the initiatives' implementation but also takes into account the circumstances of those who have been most affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1926

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are a neighbourhood of mostly first home owners. Our brand new homes (under construction to 1y old) were flooded on January 27th and subsequently yellow stickered. Some of us are still unable to live in our homes waiting for the remedial works to be completed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The emergency relief organised by the local board, with its base at the Moana-Nui-a Kiwa Leisure Centre pools, was a pivotal lifeline. It provided immediate access to necessities like food, water, and shelter, showcasing the community's ability to rally together in times of crisis.

The presence of our neighbourhood advocacy group 'Thrive in Mangere' has been invaluable. Their efforts in liaising with local authorities, Kainga Ora, and providing a platform for community concerns have shown the strength of collective action. Their support in amplifying our voices and concerns demonstrated the power of community-led initiatives in times of crisis.

Access to vital information, organised by Kainga Ora in collaboration with the Council, was instrumental in keeping our community informed, ensuring that we were aware of crucial developments. This access to reliable information alleviated anxiety and empowered us to make informed decisions for our families.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We believe that a sense of 'recovery' from these extreme weather events would be achieved through two crucial components. First, restoring our homes to their pre-event condition . This includes not just physical repairs, but also reinstating the emotional security that our homes provide. Many of us have struggled with substandard workmanship in our remedial works.

Secondly, a key factor in our recovery would be the successful implementation of well-engineered solutions that enhance our community's resilience against similar weather events in the future. This would not only alleviate immediate concerns but also provide long-term reassurance.

The combination of these two elements—restoring our homes to their former state and bolstering our community's defences against future weather challenges—would contribute significantly to a sense of recovery and stability for both us and our neighbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key.

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However, we have concerns regarding the proposed tiered rate system. While we recognise the need for adequate funding, we question the fairness and reasonableness of placing a heavier financial burden on flood-affected individuals and communities. It's important to consider that the root of these initiatives lies in addressing historical under-investment, particularly in areas prone to flooding. Consequently, it seems inequitable to impose tiered rates that disproportionately affect those who have been most impacted.

We acknowledge that the enhancements brought about by these initiatives might lead to an increase in property values, which, in turn, could contribute to higher rates in the future. While we understand the logic behind such an increase, the prospect of tiered rates, before the works are carried out, particularly with flood victims carrying the heaviest load, raises concerns about feasibility and affordability.

At this juncture, we believe that striking a balance between funding these crucial initiatives and ensuring fairness in rate distribution is paramount. We hope the Council can arrive at a solution that not only supports the initiatives' implementation but also takes into account the circumstances of those who have been most affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1927

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are a neighbourhood of mostly first home owners. Our brand new homes (under construction to 1y old) were flooded on January 27th and subsequently yellow stickered. Some of us are still unable to live in our homes waiting for the remedial works to be completed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The emergency relief organised by the local board, with its base at the Moana-Nui-a Kiwa Leisure Centre pools, was a pivotal lifeline. It provided immediate access to necessities like food, water, and shelter, showcasing the community's ability to rally together in times of crisis.

The presence of our neighbourhood advocacy group 'Thrive in Mangere' has been invaluable. Their efforts in liaising with local authorities, Kainga Ora, and providing a platform for community concerns have shown the strength of collective action. Their support in amplifying our voices and concerns demonstrated the power of community-led initiatives in times of crisis.

Access to vital information, organised by Kainga Ora in collaboration with the Council, was instrumental in keeping our community informed, ensuring that we were aware of crucial developments. This access to reliable information alleviated anxiety and empowered us to make informed decisions for our families.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We believe that a sense of 'recovery' from these extreme weather events would be achieved through two crucial components. First, restoring our homes to their pre-event condition. This includes not just physical repairs, but also reinstating the emotional security that our homes provide. Many of us have struggled with substandard workmanship in our remedial works.

Secondly, a key factor in our recovery would be the successful implementation of well-engineered solutions that enhance our community's resilience against similar weather events in the future. This would not only alleviate immediate concerns but also provide long-term reassurance.

The combination of these two elements—restoring our homes to their former state and bolstering our community's defences against future weather challenges—would contribute significantly to a sense of recovery and stability for both us and our neighbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key.

6. There are nine possible initiatives outlines 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?

We wholeheartedly support all nine of the proposed initiatives outlined in Making Space for Water, particularly emphasising our endorsement of the blue-green network concept. Furthermore, we believe the introduction of a targeted rate, which earmarks the funds specifically for these initiatives, is a positive step towards ensuring their successful implementation.

However, we have concerns regarding the proposed tiered rate system. While we recognise the need for adequate funding, we question the fairness and reasonableness of placing a heavier financial burden on flood-affected individuals and communities. It's important to consider that the root of these initiatives lies in addressing historical under-investment, particularly in areas prone to flooding. Consequently, it seems inequitable to impose tiered rates that disproportionately affect those who have been most impacted.

We acknowledge that the enhancements brought about by these initiatives might lead to an increase in property values, which, in turn, could contribute to higher rates in the future. While we understand the logic behind such an increase, the prospect of tiered rates, before the works are carried out, particularly with flood victims carrying the heaviest load, raises concerns about feasibility and affordability.

At this juncture, we believe that striking a balance between funding these crucial initiatives and ensuring fairness in rate distribution is paramount. We hope the Council can arrive at a solution that not only supports the initiatives' implementation but also takes into account the circumstances of those who have been most affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1928

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are a neighbourhood of mostly first home owners. Our brand new homes (under construction to 1y old) were flooded on January 27th and subsequently yellow stickered. Some of us are still unable to live in our homes waiting for the remedial works to be completed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The emergency relief organised by the local board, with its base at the Moana-Nui-a Kiwa Leisure Centre pools, was a pivotal lifeline. It provided immediate access to necessities like food, water, and shelter, showcasing the community's ability to rally together in times of crisis.

The presence of our neighbourhood advocacy group 'Thrive in Mangere' has been invaluable. Their efforts in liaising with local authorities, Kainga Ora, and providing a platform for community concerns have shown the strength of collective action. Their support in amplifying our voices and concerns demonstrated the power of community-led initiatives in times of crisis.

Access to vital information, organised by Kainga Ora in collaboration with the Council, was instrumental in keeping our community informed, ensuring that we were aware of crucial developments. This access to reliable information alleviated anxiety and empowered us to make informed decisions for our families.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We believe that a sense of 'recovery' from these extreme weather events would be achieved through two crucial components. First, restoring our homes to their pre-event condition . This includes not just physical repairs, but also reinstating the emotional security that our homes provide. Many of us have struggled with substandard workmanship in our remedial works.

Secondly, a key factor in our recovery would be the successful implementation of well-engineered solutions that enhance our community's resilience against similar weather events in the future. This would not only alleviate immediate concerns but also provide long-term reassurance.

The combination of these two elements—restoring our homes to their former state and bolstering our community's defences against future weather challenges—would contribute significantly to a sense of recovery and stability for both us and our neighbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key. Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key.

6. 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?

We wholeheartedly support all nine of the proposed initiatives outlined in Making Space for Water, particularly emphasising our endorsement of the blue-green network concept. Furthermore, we believe the introduction of a targeted rate, which earmarks the funds specifically for these initiatives, is a positive step towards ensuring their successful implementation.

However, we have concerns regarding the proposed tiered rate system. While we recognise the need for adequate funding, we question the fairness and reasonableness of placing a heavier financial burden on flood-affected individuals and communities. It's important to consider that the root of these initiatives lies in addressing historical under-investment, particularly in areas prone to flooding. Consequently, it seems inequitable to impose tiered rates that disproportionately affect those who have been most impacted.

We acknowledge that the enhancements brought about by these initiatives might lead to an increase in property values, which, in turn, could contribute to higher rates in the future. While we understand the logic behind such an increase, the prospect of tiered rates, before the works are carried out, particularly with flood victims carrying the heaviest load, raises concerns about feasibility and affordability.

At this juncture, we believe that striking a balance between funding these crucial initiatives and ensuring fairness in rate distribution is paramount. We hope the Council can arrive at a solution that not only supports the initiatives' implementation but also takes into account the circumstances of those who have been most affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1933

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our home is located in front of a creek. Water had reached the doorstep—causing us to evacuate the premises.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The outreach for clearing and removal of damaged property was a massive help. Shortage of skip bins were substituted with volunteers from churches, helped in terms of cost and time.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Certainty. Our neighbours are in a complete opposite situation to us; where their house is deemed unliveable. However, the lack of communication, concrete answers and prompt help were exactly the same.

Also, a mayor who has focus, common sense and a spine to front for communications with press.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Besides the mayor—proper cleaning and care for public reserves around the neighbourhood, as well as storm water drain clearing and checks.

6. There are nine possible initiatives outlines 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?

Have a proper plan for the families that may/will be affected by these plans. Communication is key. Keep them in the loop constantly and ahead of time.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1936

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was staying at a friend's place on that Friday and thought nothing of it until we could see the rapidly rising water getting closer to the house. We evacuated to my house and thought the worst. The flood water had reached the stairs and had just missed coming into the house by an inch. It was so close and so traumatic to see the water could of altered everything for my friend. The flood damaged all possessions in the garage and had to be chucked it. We were thankful the house had been left unscathed but our neighbour she wasn't so lucky and lost her whole house to the flood damage. Seeing that had an impact and seeing people suffer was horrible along with waiting for the storm to pass to see if the house had been affected. Alot of houses on Tennessee Avenue in Māngere were affected.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The volunteers who showed up to help clear out the garage was very helpful and the officials who turned up to check in and went door to door really helped us feel like we weren't alone. To be quite frank after the flooding you really felt alone and forgotten especially out here in Māngere. The council and local MP should of been at every door knocking to check of everyone was ok. The support only started to trickle in a few days

later and there wasn't clear messaging around evacuation and being prepared. There still isn't much follow through months after this disaster and more needs to be done to engage the community to come together and see what the future holds and how we can all best mitigate our new normal.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I believe more support in terms of clear messaging about the disaster, proper warnings in place and what to do in case of an emergency so we are all prepared. We are right next to a creek and there is no flood plan or warnings about it causing harm. More boots on the ground and door knocking to every door to make sure residents are ok and tell them about the support they are entitled too. Have the local schools especially Sutton Park become the emergency centre for affected residents. More skip bins and better flood mitigation protocols to protect residents in low lying areas.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

A better and string emergency messaging system. A what to do pack for all residents, better maintenance of storm water and drainage systems, clearing of mangroves in the creek close to Tennessee Avenue so water is flowing freely. More spending on mitigation of flooding because of future weather events. Having council conduct workshops and community events to engage the community to be better prepared. Have a kit supplied to resident's and educate them about having a grab bag as well as having a fund for those who can't afford a kit or to be prepared.

6. There are nine possible initiatives outlines 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?

More money needs to go to infrastructure and maintenance of our storm water and drainage systems to help ease the pressure and prevent extensive flooding. Creeks need to be cleaned and looked after and not be cut because of council finding issues. We also to mitigate and reduce emissions to prevent these catastrophic weather events.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Cleaning up the creeks and making sure all of Auckland is prepared for the future weather events. Planting native trees and establishing areas where water can flow and not affect houses.



Storm Recovery and Resilience Consultation

#1940

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are a neighbourhood of mostly first home owners. Our brand new homes (under construction to 1y old) were flooded on January 27th and subsequently yellow stickered. Some of us are still unable to live in our homes waiting for the remedial works to be completed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The emergency relief organised by the local board, with its base at the Moana-Nui-a Kiwa Leisure Centre pools, was a pivotal lifeline. It provided immediate access to necessities like food, water, and shelter, showcasing the community's ability to rally together in times of crisis.

The presence of our neighbourhood advocacy group 'Thrive in Mangere' has been invaluable. Their efforts in liaising with local authorities, Kainga Ora, and providing a platform for community concerns have shown the strength of collective action. Their support in amplifying our voices and concerns demonstrated the power of community-led initiatives in times of crisis.

Access to vital information, organised by Kainga Ora in collaboration with the Council, was instrumental in keeping our community informed, ensuring that we were aware of crucial developments. This access to reliable information alleviated anxiety and empowered us to make informed decisions for our families.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We believe that a sense of 'recovery' from these extreme weather events would be achieved through two crucial components. First, restoring our homes to their pre-event condition . This includes not just physical repairs, but also reinstating the emotional security that our homes provide. Many of us have struggled with substandard workmanship in our remedial works.

Secondly, a key factor in our recovery would be the successful implementation of well-engineered solutions that enhance our community's resilience against similar weather events in the future. This would not only alleviate immediate concerns but also provide long-term reassurance.

The combination of these two elements—restoring our homes to their former state and bolstering our community's defences against future weather challenges—would contribute significantly to a sense of recovery and stability for both us and our neighbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key.

6. There are nine possible initiatives outlines 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?

We wholeheartedly support all nine of the proposed initiatives outlined in Making Space for Water, particularly emphasising our endorsement of the blue-green network concept. Furthermore, we believe the introduction of a targeted rate, which earmarks the funds specifically for these initiatives, is a positive step towards ensuring their successful implementation.

However, we have concerns regarding the proposed tiered rate system. While we recognise the need for adequate funding, we question the fairness and reasonableness of placing a heavier financial burden on flood-affected individuals and communities. It's important to consider that the root of these initiatives lies in addressing historical under-investment, particularly in areas prone to flooding. Consequently, it seems inequitable to impose tiered rates that disproportionately affect those who have been most impacted.

We acknowledge that the enhancements brought about by these initiatives might lead to an increase in property values, which, in turn, could contribute to higher rates in the future. While we understand the logic behind such an increase, the prospect of tiered rates, before the works are carried out, particularly with flood victims carrying the heaviest load, raises concerns about feasibility and affordability.

At this juncture, we believe that striking a balance between funding these crucial initiatives and ensuring fairness in rate distribution is paramount. We hope the Council can arrive at a solution that not only supports the initiatives' implementation but also takes into account the circumstances of those who have been most affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1944

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are a neighbourhood of mostly first home owners. Our brand new homes (under construction to 1y old) were flooded on January 27th and subsequently yellow stickered. Some of us are still unable to live in our homes waiting for the remedial works to be completed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

The emergency relief organised by the local board, with its base at the Moana-Nui-a Kiwa Leisure Centre pools, was a pivotal lifeline. It provided immediate access to necessities like food, water, and shelter, showcasing the community's ability to rally together in times of crisis.

The presence of our neighbourhood advocacy group 'Thrive in Mangere' has been invaluable. Their efforts in liaising with local authorities, Kainga Ora, and providing a platform for community concerns have shown the strength of collective action. Their

support in amplifying our voices and concerns demonstrated the power of community-led initiatives in times of crisis.

Access to vital information, organised by Kainga Ora in collaboration with the Council, was instrumental in keeping our community informed, ensuring that we were aware of crucial developments. This access to reliable information alleviated anxiety and empowered us to make informed decisions for our families.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We believe that a sense of 'recovery' from these extreme weather events would be achieved through two crucial components. First, restoring our homes to their pre-event condition . This includes not just physical repairs, but also reinstating the emotional security that our homes provide. Many of us have struggled with substandard workmanship in our remedial works.

Secondly, a key factor in our recovery would be the successful implementation of well-engineered solutions that enhance our community's resilience against similar weather events in the future. This would not only alleviate immediate concerns but also provide long-term reassurance.

The combination of these two elements—restoring our homes to their former state and bolstering our community's defences against future weather challenges—would contribute significantly to a sense of recovery and stability for both us and our neighbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strengthening early warning systems, promoting community education on emergency protocols, investing in resilient infrastructure, and fostering collaboration among local authorities, community organisations, and residents are key.

6. There are nine possible initiatives outlines 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?

We wholeheartedly support all nine of the proposed initiatives outlined in Making Space for Water, particularly emphasising our endorsement of the blue-green network concept. Furthermore, we believe the introduction of a targeted rate, which earmarks the funds specifically for these initiatives, is a positive step towards ensuring their successful implementation.

However, we have concerns regarding the proposed tiered rate system. While we recognise the need for adequate funding, we question the fairness and reasonableness of placing a heavier financial burden on flood-affected individuals and communities. It's important to consider that the root of these initiatives lies in addressing historical under-investment, particularly in areas prone to flooding. Consequently, it seems inequitable to impose tiered rates that disproportionately affect those who have been most impacted.

We acknowledge that the enhancements brought about by these initiatives might lead to an increase in property values, which, in turn, could contribute to higher rates in the future. While we understand the logic behind such an increase, the prospect of tiered rates, before the works are carried out, particularly with flood victims carrying the heaviest load, raises concerns about feasibility and affordability.

At this juncture, we believe that striking a balance between funding these crucial initiatives and ensuring fairness in rate distribution is paramount. We hope the Council can arrive at a solution that not only supports the initiatives' implementation but also takes into account the circumstances of those who have been most affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1956

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Severe flooding unlike anything in the 16 plus years my whanau has lived in Mountain Road Mangere Bridge. a waterfall into my property, deep flooding the whole of the property and the sleepout knee high in water.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Community and whanau support.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Still waiting for repairs at the moment so we are not recovered yet.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The catchpit and bore system is inadequate for my neighbourhood, I understand connecting to the stormwater system has been on the table - we need it.

6. There are nine possible initiatives outlines 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?

I support all nine initiatives.

Personally my needs are:

Increased maintenance must be actioned.

Network upgrades must happen.

Overflow path management is essential as is stream clearance for my wider neighbourhood of Mangere.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Re: a gravel driveway on the slope of the mountain on Mountain Road Mangere Bridge

Flooding of the properties around the catchpits near 29 and 31 Mountain Road Mangere Bridge on 27 Jan was extreme and intensified because a mass of loose gravel washed down from a long driveway on the upper side of the road. The gutters were totally overwhelmed, and the gravel created water channels to force water over the road as well as filling catchpits.

We learned that there was plastic blocking the pipes under the road, pipes that connected the two sides of the pit and bore system, so it couldn't work. We could see rubbish and hardened deep silt in the catchpits pre-flood.

Going forward - We need to know what the timetable is for the regular maintenance of pumping and clearing the system.

We need to be able to easily contact someone in healthy waters to confirm if and when the work is being done.

We also have been informed by a Watercare engineer that if a bad weather system is predicted the catchpits will need clearing as a protective measure because the system is not in fact adequate for the area and is due for an upgrade.





Storm Recovery and Resilience Consultation

#1992

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Your feedback

Local Board: Māngere-Ōtāhuhu

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Water entered the living room coming from under the ranch slider.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Whanau and friend's support.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

if the insurance company paid out for the new carpet and some furniture (I am a homeowner)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Being a pensioner/superannuant, I could do with some sandbags drooped off for me.

6. There are nine possible initiatives outlines 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?

YES. As a ratepayer I am frustrated with the rates. rise and water rates. Homeowners do not get what they pay for. and the bloody mayor just keeps putting things up and scrapping community services i.e., CAB, music in the parks, Pools etc.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Early intervention, buying out properties which are unsafe to do so. More community leaders standing up and information.



Storm Recovery and Resilience Consultation

#2012

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Your feedback

Blind Citizens NZ

Local Board: Māngere-Ōtāhuhu

- 1. How were you, and your local community, affected by the extreme weather events in early 2023?**
- 2. Was your home flooded or damaged during the extreme weather events in early 2023?**
- 3. In the months following the storms, what has helped you and your community get through?**
- 4. What would help you and your community feel like you had 'recovered' from these extreme weather events?**

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

Please see attached

#2012

31 August 2023

Auckland Branch
Email

Auckland Council
Email

[stormrecoveryconsultation@aucklandcouncil.govt.
nz](mailto:stormrecoveryconsultation@aucklandcouncil.govt.nz)



Submission from Auckland Branch Blind Citizens NZ re Storm Recovery and Resilience

Introducing the Auckland Branch of Blind Citizens NZ

1. Founded in 1945, Blind Citizens NZ is the oldest disability consumer advocacy group – disabled people's organisation – in New Zealand. We write on behalf of blind, deafblind and vision impaired members of the Auckland Branch. Our members want to thrive in an inclusive Auckland. We appreciate the opportunity to make this submission.
2. New Zealand signed the United Nations Convention on the Rights of Persons with Disabilities (Disability Convention) in 2007 and ratified it in 2008. The purpose of the Disability Convention is to promote, protect, and ensure universal human rights and fundamental freedoms for disabled people, and promote respect for their dignity. It recognises the right of disabled people to make free and informed decisions about their own lives. It sets out in practical terms how the rights of disabled people can be realised. All rights discussed in the Disability Convention are also established in current New Zealand law. Local government, including Auckland Council and its council-controlled organisations, is bound to honour the Disability Convention.
3. The Disability Convention articles most relevant to our submission are:
 - Article 4.3 Involving disabled people and our organisations in decisions that affect us;
 - Article 9: Accessibility;
 - Article 11: situations of risk and humanitarian emergencies;
 - Article 19: Living independently and being included in the community;
 - Article 20: Personal mobility;
4. The New Zealand Government policies and strategies which are relevant to this submission include:
 - New Zealand Disability Strategy 2016-2026:
 - Outcome 3 - Health and wellbeing;
 - Outcome 5 – Accessibility;
 - Outcome 7 – choice and control.
5. We strongly support the submission made by the Disabled Persons assembly (DPA).

The Submission

6. The severe weather events that hit Auckland in the early quarter of the year affected all groups in society.

#2012

7. Disabled people are over concentrated in the statistics for poverty, poor housing social isolation, and therefore were amongst the worst effected and least able to mitigate the effects.
8. Blind people are unable to drive, so had flood damaged goods left on their properties.
9. Other disabled people were left without support as their disability support staff were unable to get to them. The co-ordinating body for disability support services Tikura Trust was unable to cope with the demand for emergency housing and alternative support.
10. The lack of accessible emergency housing in Auckland was all too apparent, with disabled people remaining in dangerous situations because they had nowhere else they were able to go.
11. When planning for managed retreat from flood-prone low lying areas it is imperative that blind and disabled people are actively engaged in such consultation and planning.
12. We support the Making Space for Water programme. However, blind and disabled people must be involved in any consultation and around this programme.
13. We understand the reasons why community-led flood resilience is necessary, but not all people have the same levels of resilience. Knowing what to do in a flood isn't the same as being able to do it independently. We urge Auckland Council to work with disabled people and our organisations to produce and distribute targeted material, workshops and advice on what to do in a flood. Examples of This targeted advice include: using local and national radio to provide advice to blind people, and production of material in accessible formats. This is imperative as flooding and other extreme weather events are going to happen more often.
14. A few years ago members of the Auckland Branch Committee of Blind Citizens NZ worked with Emergency Management staff of Auckland council to devise a workshop tailored to blind, deafblind and vision impaired people. The workshop was hosted by the Branch and over 30 people turned up to take part in the practical tailored exercises. This is the sort of initiative that needs to be widespread if disabled Aucklanders are to be prepared for storms and other severe weather events.
15. Auckland emergency Management need to ensure that those assisting people in extreme weather events know how to support and communicate with disabled people. They also need to have information on disability service providers and Tikura Trust to ensure disabled people get the support and services they need.
16. Emergency Centres need to be accessible and inclusive. Of Course, Disabled people need to be able to get into Emergency Centres, but they also need to have their disability and support needs met while sheltering there.
17. We strongly urge Council to work with disabled people and our organisations across the region to set up a targeted information and notification system specifically for disabled people. Such a system would push information to disabled people who registered for it by text message, social messaging and email.

Conclusion

18. The Auckland Branch of Blind citizens NZ is largely supportive of the initiatives and proposals outlined in this consultation. However, we urge

#2012

council to be aware that a one-size-fits-all approach to severe weather events will not work and it will be blind and disabled people who are put at risk or die as a result of poor planning and support. We urge council to ensure that targeted advice, material and workshops are prepared and devised for the disabled and blind communities; and that Auckland emergency Management ensure that Emergency Centres are accessible and inclusive and that they have up-to-date lists of disability support services. We also ask council to work with us and other disability organisations to set up an information and notification system for disabled people.



Storm Recovery and Resilience Consultation

#320

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

minor flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

no help at all, none needed

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

im over it

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

drainage and clear street gutters

- 6. There are nine possible initiatives outlines 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?**

no extra rates

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#377

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

not

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

community spirit

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

environmental action

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

detailed environmental policy

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#389

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The great Hope that this even would be attributed to the increasingly frequent use of Maori Language to describe everyday events and places, even when the majority members of this community have no idea of or any intent to either learn or use that language.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A change in Central Government to an ACT government, and the abandonment of the Maori Language experiment listed above

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I do not know what Tamaki Makaurau is.

6. There are nine possible initiatives outlines 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?

Yes. Insist people cover their possible losses with insurance and DO NOT SPEND ANY MORE RATEPAYERS' MONEY

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#546

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

extreme rain gouged out asphalt driveway, neighbours reported cracks on garage floor, I think the whole of hillpark is slowly slipping down toward Alfriston road

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

we are fine thanks, there was no major damage I know off

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

sunshine

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

you need a dedicated flood rescue service

6. There are nine possible initiatives outlines 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?

No more rate hikes, stop building on land prone to flooding (see Auckland flood map), my GGGrandfather had a farm out at Ramarama in the 1800s, only the chimney of this house was visible when the area flooded, and now houses are being built there - madness, risk of flood or slip be included on Lim Report

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Stop giving out building consents for flood prone land



Storm Recovery and Resilience Consultation

#576

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was unable to go to work, I was unable to take part in regular exercise outdoors

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I am new to the area and have not made connections locally yet.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better drainage systems

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#642

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected at all

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

All good

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

All is good already

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

'- better drainage systems

- use more porous materials for roads, pavements, squares, etc

6. There are nine possible initiatives outlines 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?

Hefty sum.. I hope there is not too much corruption there in the council

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#646

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Got away very lightly compared with some areas.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

You can't do much about the wind.

But you can give the water somewhere to go where it will do less damage.

6. There are nine possible initiatives outlines 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?

Streams which have been undergrounded over the last few decades should be opened up with a degree of urgency.

Catch pits which are adjacent to the street, but actually on private property, used to be cleaned by councils (before the super city).

This has not happened for several years.

The activity should be reinstated.

Clearing of blocked streams should be made a priority.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#654

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

my road and drive way flooded in parts and had an indoor swimming pool in the garage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

dry weather

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

cleaning of gutters and drains regularly -where are the street cleaners and trees kept trimmed and excess leaves in parks cleaned up

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

cleaning regularly of drains and gutters cleaned

6. There are nine possible initiatives outlines 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?

stop asking for more rates and do some work we have street cleaning trucks and property builders need to be accountable not home owners tax them or encourage them to make gardens in their plans and dont put speed bumps close together just makes swimming pool and council trim trees like its supposed to

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

read above stop charging money in rates for stuff thats not being done that should be you tax petrol as it is just making south auckland poorer



Storm Recovery and Resilience Consultation

#662

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our area was affected by road flooding.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Fixing the main cause of the floods.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Improvement in the infrastructure.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Early warnings from official, mandated business shutdown, and accurate and timely weather forecast. Better identification of potential hazard risks. Improved accessibility and awareness of hazards reporting tools/website. This is because communities are more aware of their own surroundings, there should be a community based reporting platform.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Reporting app that can be used to identify and report hazards.



Storm Recovery and Resilience Consultation

#671

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minimal

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

The fact Auckland was not ready for the impact of climate change as shown proves ratepayers haven't been paying for any future proofing. Think it should take away from another initiative rather than adding to ratepayers.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#741

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Parents live in Favona. The surrounding streets had drains blocked -Donnell road, parts of Robertson Road, Tarata creek causing Hall Ave to flood. High levels of anxiety as to whether Bingara Place would be next.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Fortunately my property and my parents did not suffer damage. However, with subsequent heavy downpours since January 2023's flood the Facebook community page (Mangere and Manurewa) have been really good in keeping up to date information.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Visible council hubs set up, funds set aside for vulnerable communities to help with immediate needs -accommodation, access to food and health care.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Strategic plan to make Mangere a spongy community, as well as other areas that are flood prone, or built on flood plains.

6. There are nine possible initiatives outlines 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?

Just make sure the council has a long term view, with consensus to push these necessary measures through!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#790

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

In my immediate community, we weren't effected. There is a creek that runs through a reserve in our "backyard" that does need a more regular clearing of large debris tho

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

N/A - neighborhood not effected

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/A - neighborhood not effected

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Tidier community spaces/reserves/parks/creeks.

Better housing planning. No building in high risk areas.

6. There are nine possible initiatives outlines 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?

I don't think people who's homes are not in areas effected should have to pay increased rated. Eg. Paying for people who's homes are on cliff faces/edges, next to beaches. That should be their risk and cost and theirs alone.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#934

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I live in Manurewa, Rowandale Road and we were fine.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

it wasnt the mayor that has helped

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Early and continuous notification

Visible leadership from the mayor downwards

Better understanding of how large residential development, private and Kainga Ora are putting on existing structure. I live in manurewa/Rowandale road and I looked up council records, water services, underground services etc and was comforted that there was a large number of catchpits, channels, and drainage leading away from house out to the sea. However, around my street this is multiple infill housing and where once a single dwelling sat, now terraced housing of 10 plus now stands. How has that housing, water usage, drainage, impact on our infrastructure. How old is our infrastructure, is it resilient, will it be like Central Mangere, around Bader Dr/Town Centre it cant take too much for it to collapse during these weather events

6. There are nine possible initiatives outlines 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?

I agree with all 9 initiatives, each as important as the other. However, you have not looked at Housing, Planning and Development - how new development is impacting on our aging infrastructure, where is the upfront strategy planning for development and climate change/impact on infrastructure. And then where is the planning responsibility and financial contribution of Developers towards the problem of resilience and infrastructure resilience,

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Again, what is the strategy or activities around Housing Development and Planning and the impact on our aging infrastructure to prevent future fails, or taking place in areas of Auckland that have historically been fortunate



Storm Recovery and Resilience Consultation

#1185

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My house wasn't flooded but the surrounding streets were so most of us were fine except for being trapped where we were.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Excellent communication and community engagement, food and aid support for the vulnerable

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Improvements to storm resilience for our stormwater networks, better neighborhood planning and improvements to allow for better evacuation and mitigation of such events

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Improvements to storm resilience for our stormwater networks, better neighborhood planning and improvements to allow for better evacuation and mitigation of such events

6. There are nine possible initiatives outlines 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?

I am in support of these as preventative measures will decrease costs in the long run

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1326

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not a lot.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

NA

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

Developers and councils should have upgraded local facilities and storm water outlets before the massive developments even started. Moving forward this must be a priority. If it is not viable, then builds should not be allowed.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Regular dredging of waterways close to storm water outlets and streams/rivers flowing in to the sea no matter where it is. Manukau or Waitemata.



Storm Recovery and Resilience Consultation

#1362

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

no effect

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

there were no problems in our community as we do not have overbuild like some areas

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

the local community didnt need help other than rubbish cleared as the area is pretty much park like with lots of green areas to absorb the moisture or allow it to run off.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

dont allow excessive infill housing and over use of concrete sections

6. There are nine possible initiatives outlines 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?

i dont support them as it the events although extreme were compounded by miss management by Auckland council over many years of left leaning green activists

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

stop infill housing ... promote high rise apartment blocks (maybe 20 floors with 200 apartments per building) with ample green space and drainage for future storms (hell a child could tell you Auckland was going to face the problems that eventuated and were subsequently blamed on climate change)



Storm Recovery and Resilience Consultation

#1433

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Personally we were very fortunate to not have any severe impact but there was some significant flooding in our area, and people I know lost their homes in West Auckland

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The shared experience felt across Auckland and the wider Aotearoa community from the extreme weather events this year

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Improved infrastructure to better manage the extreme volumes of water

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1472

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Unaffected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

My community was helped through the gifting of groceries and cleanup service projects by local churches

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

For our community, if they are given help to move into a warm, dry home suitable for their families and family needs.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Develop flood-resistant building codes and regulations for new constructions in flood-prone areas.

Retrofit existing infrastructure to meet modern flood management standards.

Enhance and expand the flood monitoring and early warning systems to provide timely alerts to residents and authorities.

Utilize technology, such as sensors and real-time data analysis, to monitor water levels and predict potential flooding events.

Educate residents about flood risks, safety measures, and evacuation plans through public awareness campaigns, workshops, and educational materials.

Encourage community involvement in local flood preparedness initiatives and promote the importance of individual responsibility.

Ensure that urban planning strategies account for natural waterways and floodplains, allowing for effective water flow and reducing flood impacts.

Promote the use of green infrastructure, such as rain gardens, permeable pavements, and green roofs, to manage stormwater and reduce runoff.

Create or restore natural wetlands and buffers to act as natural flood barriers and absorb excess water.

Raise the foundations of buildings in high-risk zones to reduce the potential for water damage during floods.

Develop and regularly update comprehensive flood emergency response plans that involve coordination among local authorities, emergency services, and community organizations.

Encourage residents and businesses in flood-prone areas to obtain flood insurance to mitigate the financial impact of flood damage.

Establish contingency funds for flood response and recovery efforts to ensure a swift and effective response during emergencies.

6. There are nine possible initiatives outlines 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?

Higher rates for high-risk zones. Low-risk zones should not be charged more. An equitable and thoughtful approach to funding storm recovery efforts will ensure that the burden is

shared fairly among all residents while encouraging responsible development and preparedness in high risk zones.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Conduct thorough flood risk assessments to identify areas vulnerable to flooding.

Develop accurate flood hazard maps to visualize flood-prone zones and potential water flow paths.

Develop and enforce zoning regulations that restrict construction in flood-prone areas.

Implement land use planning that preserves natural floodplains, allowing water to spread out during floods.

Collaborate with neighboring jurisdictions, government agencies, NGOs, and private sectors to pool resources, share expertise, and implement coordinated flood management strategies.

Engage with communities to gather local knowledge and insights for more effective flood management solutions.

Factor in changing climate patterns when designing flood management strategies.

Regularly review and update plans based on evolving flood risk assessments.

Invest in research and development to identify new technologies and innovative solutions for flood management.

Stay informed about best practices from around the world and incorporate lessons learned.

Establish contingency funds for flood response and recovery efforts to ensure a swift and effective response during emergencies.



Storm Recovery and Resilience Consultation

#1519

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some houses were flooded in the wider area, however the area around my house was not affected.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Recognition of the loss they had suffered, and some assistance (whether it was food or shelters that was provided) that spoke to their loss.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A government co-ordinated effort to restore essential utilities quickly, provide shelter for those who had lost homes, perhaps a re-allocation of rehabilitation programs (e.g court ordered community service) to assist with highly affected areas, tax relief on essential necessities (whether it was food or fuel or public transport)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Infrastructure upgrades to deal with flooding.

Plans for buildings to be converted to shelters and have the resources on hand to convert the buildings (have plans to have beds, toiletries, cooking facilities and other utensils ready for deployment)

6. There are nine possible initiatives outlines 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?

I don't think we need to pay extra for people to "encourage" and "educate." I think the money should go to infrastructure -

I think most of the initiatives are a waste of money and I don't feel comfortable paying for people to carry out those initiatives.

I'd rather those assessments be carried out with the existing staff as a project, and not have to contribute to a \$1.65 billion initiative. The data exists for areas that are more prone to flooding from the last disaster - therefore we should have a head start as to the areas that need to be addressed first, giving time for a measured response for areas that were less affected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Proper evacuation plans for regional areas, Pre-destined shelters, communication systems for areas that may go without power, transport between areas



Storm Recovery and Resilience Consultation

#1525

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minimally

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

n/a

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The measures in the consultation document are helpful. However, communities need to understand that the forces of nature cannot be reliably controlled by humanity. Education and information need to be provided to communities to help people understand the specific risks inherent in their choice to reside in a particular location and what they can do to mitigate those risks in their own circumstances. Part of this education effort should be directed toward inculcating attitudes of self-responsibility and self-sufficiency in community members - while recognising that the Council and the government more broadly have a role to play in the recovery of common space and infrastructure, individual entities need to take more responsibility towards the initial protection of, and subsequent recovery of their own assets.

6. There are nine possible initiatives outlines 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?

While helpful, we are currently in a situation where the "horse has bolted" already. Noting that much of the mitigation infrastructure that was in place was not fit for the growth experienced in many communities over the past 20-years, it seems to me that some of the community recovery measures could be more fully funded centrally to recognise this

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1540

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

As this was an extreme event the provision of blue/green areas for water runoff is most important.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Lower density housing and provision of areas in each dwelling to allow excess water to be absorbed by the ground.



Storm Recovery and Resilience Consultation

#1546

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Unaffected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/A

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Expect them and change future zoning

- 6. There are nine possible initiatives outlines 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?**

Has to be done

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1557

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Land slip and collapsed retaining wall.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

Ourselves/ family/ friends

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

This feels like box ticking for Auckland Council with no actual intent on there behalf to do anything!!!!

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Get back to only using rate payer money for maintaining Auckland infrastructure not spending on things that are not necessary to keep the city functioning eg artistic installations, festivals, these are wants not needs.

6. There are nine possible initiatives outlines 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?

Instead of additional rates look at councils wasteful spending - eg

*council subcontractors not doing the work they are being paid for - as there is little to no follow up. Subcontractors that use other subcontractors to do their work at cheaper rates.

* constructing bus ways, cycle ways in the wrong place and then digging them up.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Don't allow high density housing in older areas that don't have the stormwater systems to cope. There was a reason for having a section around a house , it's permeable like your sponge idea - so not new idea really. We have always had weather events like floods etc in the past but we didn't have people living in some of these places that are adversely affected. We also didn't have high density housing. We also didn't strip land and plant forestry on steep hillsides. Good luck with climate change and controlling volcanoes that eject millions of tonnes of water into our atmosphere and change the weather or earthquakes that reshape the planet or the sun moon and other objects that we have no control over. PS I'm definitely for keeping NZ /planet clean and that needs to start at top of rubbish cliff eg marketing & manufacturing not at end user/bottom of cliff mentality eg don't make it - don't need to dispose of it.



Storm Recovery and Resilience Consultation

#1581

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not sure we were overseas at the time

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No help was required and unsure how it affected my community

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Use the Red Cross Hazards app to inform the community about any issues, social media is too unreliable as there are too many platforms that people may or may not use.

6. There are nine possible initiatives outlines 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?

We often see main drains that have been covered by debris, as we do not seem to be able to rely on the community associated with these drains to manage, this it should be council who should manage this. After each main rain event these areas should be checked and preferably prior as well as we normally have at least a couple of days warning.

A lot of the streams in the Auckland area are not maintained or are not adequate for major rain events, so cannot be relied on for major storm water discharge.

Floodplains should be created where major rainfall can accumulate, and storm water can be redirected to. This could be in the form of park like areas

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

There are too many houses that seem to have become concrete jungles, at least 20% of a property (where possible) should have a green space where water can drain.



Storm Recovery and Resilience Consultation

#1742

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

In our suburb we weren't affected but surrounding suburbs were

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Contractors and money from agencies

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Have thought out into more grasslands rather than concrete everywhere. Have contractors checking roads and clearing out drains consistently. Often lots of rubbish on streets that causes floods blocking drains

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Forward plan with infrastructure

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1835

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Your feedback

Local Board: Manurewa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I personally was not affected as I live in Wattle Downs where there are large areas of green and trees. However, my observations were flooding in Mahia Road, some properties that were low lying definitely had issues. My late husband spent a great deal of his Saturdays, playing Cricket at the Domain and I had never seen the Domain flooded in front of the Charlie Kerr pavilion which happened after anniversary weekend. Also, my friend's childhood home was demolished on Shore Road and the owner was killed. That house had been hit by a landslide from the bank above about 30 years ago and although her parents pleaded with Auckland Council at the time to help stabilize the bank behind the The Council told them it wasn't their problem. The decisions made now can come back to haunt in the future if Auckland Council does not do anything and allows people to build on unstable land. Too much housing is being put on land which once only had one house. I know the Government is driving this but Council has to stop the trees being chopped down and fewer homes need to be placed on old sections.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Anger for the suffering of others. I just found out that houses were built in Muriwai on an old landship from 1935. This makes me fume. All those people have been displaced and they should have been warned.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

More Council maintenance, on drains especially on roads where trees have been planted. Lots of wet land planting, not allowing houses built on cliffs and edges of the harbours. The harbours need cleaning. No excess stormwater being directed into the harbours.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Only allow suitable trees to be planted, not ones that will uproot with strong winds. As above comments.

6. There are nine possible initiatives outlines 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?

More maintenance on streams even when they flow through private property. Property owners should not be bullied by the Council unless it is proved that they have made changes to impede stream flows.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Land that is prone to flooding should not be allowed to be built on. The Council needs more parks.



Storm Recovery and Resilience Consultation

#6

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My street was not affected, but other streets experienced flooding.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Sandbags.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I don't feel qualified to give an answer as I was not financially affected.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Daylighting streams, planting and protecting more native trees that can hold the soil together especially on slopes, disallowing the areas of ground impermeability when approving new developments.

6. There are nine possible initiatives outlines 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?

The consultation document was difficult to find online - you should have included a link in this feedback form. I agree with all the initiatives. We should also be cautious not to overburden marae with the task of community organising and help. Council-led centres should also provide shelter or collection/distribution points for food/clothing/necessities. After the floods, I found it very difficult to find collection points to donate items to - the only one I could find was in the CBD and it was run by Sunday Blessings which is not a Council org.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#8

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

It been ok in our area good drainage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Just getting on with life

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Support for those who have lost everything

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better drainage system

6. There are nine possible initiatives outlines 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?

Anything better than nothing

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Commucation to Houses owners



Storm Recovery and Resilience Consultation

#27

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding of ourselves and surrounding houses due to overflow from Cornwall Park.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Some support from MBIE and insurance company

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better long-term drainage solutions for the neighborhood and individual properties

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Add much needed storm water drainage and catchment basins throughout affected neighborhoods. Enforcement of council bylaws that require people to deal with roof water and impermeable surface water to ensure there is less effect on neighbours.

6. There are nine possible initiatives outlines 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?

Increase to at least \$7B over the next 5 years. Buyouts of severely affected properties and major drainage work will be required.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Catchment basins and bores to drain them on overland flow paths.



Storm Recovery and Resilience Consultation

#39

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

A few garages in the area flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

People just got on with it and got it done. Nobody expects anyone else to help. My house, my problem.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

It's already done.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clean the drains and waterways more.

6. There are nine possible initiatives outlines 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?

Buyouts should not be part of the initiative. It's not the councils responsibility. It's buyer beware. There is plenty of information available such as Lim report, floodplain overlays, water runoff overlays, talking to existing residents and general common sense. This is the buyer's responsibility to check this information before purchasing a property. It is not up to the ratepayer to bail out people that didn't check first.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Put heavy fines on dumping of rubbish. People dump rubbish and it ends up in waterways and blocks them causing flooding. Increase fines for illegal dumping and enforce them to deter people from dumping. This will reduce cleanup frequency and cost to the ratepayer.



Storm Recovery and Resilience Consultation

#94

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I'm having to pay for it in my increase in rates, and my increase in insurance

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Council not allowing development in flood known areas (as per Council GIS maps)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council not allowing development in flood known areas (as per Council GIS maps)

6. There are nine possible initiatives outlines 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?

Stop allowing development in flood known areas (as per Council GIS maps)

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Stop allowing development in flood known areas (as per Council GIS maps)



Storm Recovery and Resilience Consultation

#124

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our river in Glen Innes was not as high as usual due to the new water way improvements & retention areas Council had not long finished doing?

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Sheer resilience! I couldn't get to my work clients in outlying areas with at least 1 of my customers in Parnell having her house red stickered & at this present time she is still not back in her home, with some major retaining walls to be built!

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Fine weather!

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop all housing being built on Flood planes, & stop allowing wetland areas to be drained for housing? These wetlands retain lots of water during flooding!

6. There are nine possible initiatives outlines 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?

The initiatives are good & Council needs to work on those overland flow areas to keep the water moving with as less as possible disruption to the land owners!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Water tanks! The amount of rain that comes off industrial buildings including schools is phenomenal! Water tanks would take some of the water out of the system!



Storm Recovery and Resilience Consultation

#127

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Fortunately we were minimally impacted by the storm. Our fire place started leaking but this was likely due to long standing wear and tear which was advanced by the storm. Otherwise our storm water tank was over flowing and there was pooling of water in the garden. Our suburb did experience slightly more severe flooding on the roads impacting traffic but otherwise no major impact to us or the houses around us.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The increase in warnings regarding extreme weather events has been good, otherwise it was been nice to see people helping each other out where they can.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I personally have been minimally effected and do feel like the community has recovered, however there are obviously people who are still in devastation having lost their home so not all community's have recovered.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

More regular maintenance of storm and waste water drains, and improvements to these so that when flooding occurs there is not contamination of the water and the sea etc

6. There are nine possible initiatives outlines 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?

The improvements are required and although I think a small rates increase is fine there are many New Zealanders struggling to make ends meet in the current economic climate and rate rises may stress these people further.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Perhaps providing tips on what people can do around their own properties to help prevent flooding



Storm Recovery and Resilience Consultation

#166

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooded streets around where I live

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No applicable

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not applicable

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Managed retreat of homed which are at risk. More flood prevention

6. There are nine possible initiatives outlines 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?

Not enough. . Much more needs to be done. Remove some funding from AT

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#188

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Lots of surface flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nobody in my nearby streets were damaged but seeing news reports on other areas still not fixed

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I think the street sweepers need to be done again as lots of drains have leaves blocking them which creates more flooding as water has no where to go

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Get information out there quicker last event everyone was leaving work at the same time trying to get home or collect children which then created congestion's

6. There are nine possible initiatives outlines 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?

That is the Council's go to up the rates why not reduce all the CCO's salaries to be more in line with the real world as why are they paid more than a politician

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Old drains need to be replaced due to in full building



Storm Recovery and Resilience Consultation

#221

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding including through our Garage. The storm water pipes from our house, garage and neighbours house backed up and overflowed through the intake areas down through our Garage. Maintenance hadn't been done on our street stormwater pipes since they were put in when they redid the footpath a few years ago. Also, down the street workers had been doing work on the stormwater main pipe to add new residences prior to Xmas, it was "patched up" to "kinda" work, so it was compromised when the big wet came. We had severe flooding at the bottom of the hill, which would have been less if the systems were maintained and used properly. Onehunga sluice gates didn't open because of system failure. We and several of our Neighbours now use sandbags often. Our street has a few people that sandbag off their drives from the footpath.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Maintenance actually took place, workers down the street actually got on with it and fixed their "patch up" so it worked properly. Very little else has happened.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

If the water system worked

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Reduce in-fill housing. Make developers install better stormwater infrastructure. Fire the idiots that changed our footpaths and stormwater infrastructure a few years ago.

6. There are nine possible initiatives outlines 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?

Just do them. Especially DON'T build higher density homes on drained swamps (like the KO terraced houses in Mangere), don't build any homes or buildings where they are likely to flood.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Surge pumps in areas like the Onehunga Lagoon to move the water quickly into the ocean.



Storm Recovery and Resilience Consultation

#223

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some localised flooding. Pre-existing road condition issues exacerbated by weather and chronic lack of maintenance by AT.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not Auckland Council

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Auckland Transport sacking those responsible for road maintenance planning

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

It's call preventative maintenance

6. There are nine possible initiatives outlines 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?

Stop wasting money on bullshit documents and do some real work for a change.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Stop allowing mass infill housing with no green space



Storm Recovery and Resilience Consultation

#226

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Had to ride my motorbike through the flooded motorway, then bunkered down for a day or two I believe. We got very lucky.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Feeling very lucky, tho I have been very aware of water runoff and feeling exposed, noticing clogged drains more often.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We're in Auckland and haven't noticed much ongoing damage. Though I like the parks-becoming-flood overflow idea and I want to know we are preparing for a future where this is common

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We need solid infrastructure changes for this - we are so close to the ocean there is no reason why flood water cant be drained away quickly, just requires some work.

6. There are nine possible initiatives outlines 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?

This is 100 percent neccersary, I feel like Auckland is constantly waterlogged, we can do better.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#242

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We were very lucky in that the location of our house meant we weren't affected, but several people in our neighbourhood

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Connecting with others and being able to contribute to those who'd suffered far more ill effects than we did.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I'm not entirely sure the community has done

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Invest more in stormwater drainage and public transport, and take climate change seriously

6. There are nine possible initiatives outlines 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?

None at this point - they all sound like highly necessary initiatives. I don't know how families will cope with an 8% rates increase when there's already a cost-of-living crisis going on though.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#271

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The roads were unusable, the driveway flooded and the house leaked a bit

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Community working together

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing what was being done to future proof the community and the timeline around this better

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clean the drains! Plan for areas where water needs to go. Know what to do if we get stuck

6. There are nine possible initiatives outlines 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?

A link here to the initiatives rather than expecting me to go back to find them would've been helpful.

Other than that, the initiatives look good

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#290

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Very fortunately we were relatively unaffected, purely due to luck I imagine.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

It was lovely to see how the community reached out to help each other.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Hard to say but I imagine addressing some of the impacts at the root cause will help to provide peace of mind, and allow for that full recovery.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I wish I knew the answer to this, it is so complex and multifaceted. We all have a role to play.

6. There are nine possible initiatives outlines 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?

I thought the documentation was excellent and well defined. I see the merit in all 9 initiatives; however I cannot quite comprehend how we Aucklanders will be able to afford the 1.65b via rates.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Personal responsibility!



Storm Recovery and Resilience Consultation

#312

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

House was safe however streets in neighbourhood were flooded and intersections closed

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better housing plans and responsible grant of consents by council. The council needs to consider natural topography if the land and infrastructure resources we have

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do not allow building on flood plane zones

Build infrastructure before giving consent to build more houses

There is pressure on the public drainage system like in developing countries

6. There are nine possible initiatives outlines 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?

Rate payers money needs to be didn't sensibly and council needs to stop funding wasteful projects like updating zebra crossings - the new crossings are no different from old ones - absolute waste of our hard earned cash

There has to be more accountability

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#328

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was not in the country at that time and thus was not affected.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better warning systems and communication preceding and during the event.

6. There are nine possible initiatives outlines 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?

A good mix of maintenance and new capital works that focus on nature-based solutions. Would be good to see more emphasis on how catchment groups can play a larger role. I would also like to see more emphasis on ensuring these important public services are delivered by public means (i.e., Auckland desperately needs a public works department) and not by for-profit companies.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Changes to the AUP to ensure future (re)development does not occur in floodplains or flood-sensitive areas.



Storm Recovery and Resilience Consultation

#334

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No flooding, and minimal storm damage. My garden became sodden, and vegetables would not grow.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Looking after my property in the ordinary ways e.g. bearing leaves not of the roof guttering.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

None needed

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

In the ways you are planning

- 6. There are nine possible initiatives outlines 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?**

They seem appropriate and reasonable.

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#336

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Trees down minor earth. Movement some water ingress

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Chainsaw. And shovel. Fortunately I had finished repairing the roof just a week before

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I'm recovered. I've dealt with worse. And likes not, worse to come

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Stockpiles of tools and heavy equipment.

- 6. There are nine possible initiatives outlines 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?**

Far too expensive. This has just become an excuse for a trough feeding frenzy

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#349

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our and our neighbor's properties were damaged by floodwaters originating in Cornwall Park in late Jan23. Repairs are not yet complete five months later.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Self reliance and help from friends and neighbors.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To see Auckland Council taking action to prevent this happening again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

In the case of our immediate neighborhood:

- 1/ Provide catchment areas in Cornwall park to trap and delay the passage of large volumes of water.
- 2/ Improve and maintain stormwater collection on roads and pavements.
- 3/ Plan, co-ordinate, and implement works on private properties to channel excess water from roads and pavements and provide a flow-path that prevents water from entering buildings.

6. There are nine possible initiatives outlines 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?

This is a situation that has existed for generations - for example, the Royal Oak Mall has been flooding in moderate to heavy rain ever since it was built. We need a council that is capable of doing something tangible in the immediate future.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Holding the Auckland Council accountable for results.



Storm Recovery and Resilience Consultation

#366

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not directly impacted

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Improved communication about severe weather

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not sure

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Removing/reducing residential properties in flood prone areas

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#368

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I wasn't affected much. It was like a wet windy day to me. Saw a few trees and branches down though. And felt sorry for those badly off. There was a bit of flooding in a particular street nearby, but I wasn't out and about and didn't even see that.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not having been affected in the first place.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We've clearly disrupted existing streams and wetlands. Some we can't replace, but we need channels to move water around places where we can and we need to look after our wetlands and streams so they can soak up or take away some of the water. People love to concrete over their lawns too, but that stops the water from soaking away so we should either stop people doing that or make them mitigate it. I also think we should all catch rainwater - any new build must have a water tank and dual plumbing to use grey water if it can't be made drinkable. I often wonder what would be the cost comparison between equipping as many houses and businesses with rainwater tanks as possible, compared to building a new reservoir. Because we know sometimes it's going to get really dry and with an expanding population, we could effectively distribute that reservoir around buildings in the city.

6. There are nine possible initiatives outlines 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?

That all look like they make sense. I'd like to see easy, well-publicised ways for Aucklanders to get involved where they can e.g. in stream clearance. Great community activities, but many hands make light work and save our own rates.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

See my answer to Q5: People love to concrete over their lawns too, but that stops the water from soaking away so we should either stop people doing that or make them mitigate it. I also think we should all catch rainwater - any new build must have a water tank and dual plumbing to use grey water if it can't be made drinkable. I often wonder what would be the cost comparison between equipping as many houses and businesses with rainwater tanks as possible, compared to building a new reservoir. Because we know sometimes it's going to get really dry and with an expanding population, we could effectively distribute that reservoir around buildings in the city.



Storm Recovery and Resilience Consultation

#375

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Extreme surface flooding, leaks in our roof, road closures

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Neighbours clearing roadside gutters, manually diverting puddles and streams caused by rain

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better infrastructure to cater for these events. Auckland was not prepared

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Widen storm water pipes, implement more stringent road cleans when bad weather is impending paying particular attention to known areas of flooding or where there is a lot of bush/tree

6. 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?

Do them, BUT TAKE THE FUNDING FOR THIS FROM THE STUPID FOOD WASTE CHARGING THAT NO ONE WANTED.

Scrap the food waste bin charge and use that to fund further development.

I would also expect to see funding move from other areas that Auckland council oversees to help fund this, i.e, extract budget away from parks and recreation.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Again, it's investment that is required to bring these initiatives to life.

Funding for this should come from rates but also from national government. Half of the population of our country resides in Auckland and is impacted by this...it's only reasonable that the government helps fund it.

Funding for this again from rates SHOULD COME FROM DIVERTING THE CURRENT CHARGES FOR THE FOOD WASTE BIN.

We never asked for the bins, we do not use them and I would rather have that portion of my rates go towards funding infrastructure to better prepare Auckland for another flood



Storm Recovery and Resilience Consultation

#394

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Difficulty travelling, but otherwise no affect

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The Citizens Advice Bureau directed people who were affected to the resources for assistance.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

There are some people who still cannot go back to their homes - homes need to be more quickly assessed and remedies provided.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better planning for disasters.

Quicker response to emergency situations

Plans to quickly mobilise assistance

Waiting for it to happen and then thinking about what to do is not satisfactory

6. There are nine possible initiatives outlines 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?

I am not an expert and cannot comment

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#400

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

All the different communities- Pakhea, Chinese, Pacifica , Indian have banded together very well. Only the maori have been divisive and violent and disruptive with incessant demands for free money, ram eads and family violence

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Reign in maori

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Due to maori culture this may be impossible

- 6. There are nine possible initiatives outlines 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?**

Leave it th the greay mayor- Wayne Brown

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#412

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our backyard was flooded, swimming pool basement still has water

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

No help

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Positive thoughts & hard work

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better sewage system, separate extreme weather event unit which can take affected areas phones, go assess affected areas, education on how to deal with problems & hard work with can do attitude, positive thoughts to overcome any difficulties.

6. There are nine possible initiatives outlines 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?

We are already struggling financially so no more rate rises please instead you can reduce MSD benefits & bring beneficiary in to work force by creating work near their home, cleaning of areas roads, sweeping of leaves around their homes, moving of lawn around where they live. Assess all beneficiaries again.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Bigger pipes, keep & maintain areas clean so nothing can stop water going in to pipes. Educate & help each house on how to keep areas around their houses clean & how to look after Aotearoa.



Storm Recovery and Resilience Consultation

#418

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Your feedback

Wai-o-Taiki Bay Residents Assoc.

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Wave action, fast running waterways

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Lobby local board for action on the above

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Attend to seawall that are not complete and plant local waterways to slow flow.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Target responders to this survey, because they are interested locals and take action on their suggestions

6. 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?

Long period of failure to complete projects now being exposed.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#424

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Your feedback

STET

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not too bad but it was scary

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I am not very hopeful about the future but this plan helps

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing life return to the streams, less mud and more life on the seashore

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Redesign infrastructure to be a 'water sensitive city' see Janjua, Shahana. (2018).
Sustainability assessment of a residential building using a life cycle assessment approach.

6. There are nine possible initiatives outlines 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?

The elements of the 'Making Space for Water' programme are well-conceived and aligned with the urgent need to address flooding and enhance water management. The following key points underscore the importance of this initiative:

Increased Drain Maintenance: Regular maintenance of drains is essential to ensure unobstructed water flow, preventing potential flooding during heavy rainfall. This element reflects the Council's dedication to maintaining critical infrastructure for the safety and well-being of Auckland's residents.

Flood Intelligence: The integration of advanced flood intelligence systems will provide invaluable real-time data, enhancing the Council's ability to monitor and respond to flood events swiftly. This component is crucial in minimizing damage and safeguarding lives.

Community-Led Flood Resilience: Empowering communities to actively participate in flood resilience efforts fosters a sense of ownership and collaboration. This approach not only enhances local involvement but also promotes community cohesion and a shared responsibility for managing water-related risks.

Stream Rehabilitation: Among the most significant aspects of the programme, stream rehabilitation embodies the principles of sustainable urban development. By allowing natural processes to thrive, we can rejuvenate and restore the ecological health of waterways. This practice aligns perfectly with the goal of creating a 'water sensitive city' where natural systems play a central role.

Rural Settlements: Extending the programme's scope to rural settlements showcases a holistic approach to water management that transcends urban boundaries. A comprehensive strategy that includes rural areas recognizes the interconnectedness of water systems and promotes equitable access to flood resilience measures.

Culvert and Bridge Upgrades: Upgrading culverts and bridges demonstrates the Council's commitment to modernizing infrastructure for optimal water flow. These enhancements are essential for reducing potential bottlenecks that can exacerbate flooding risks.

Blue-Green Networks: The incorporation of blue-green networks highlights the Council's emphasis on integrating natural elements into urban planning. Such networks not only mitigate flood risks but also contribute to enhancing biodiversity, improving air quality, and creating appealing public spaces.

Overland Flow Path Management: Effectively managing overland flow paths is crucial for minimizing flood impacts. This approach demonstrates the Council's dedication to adopting innovative solutions that work harmoniously with nature.

Interventions on High-Risk Properties: Targeting high-risk properties for interventions is a proactive measure that directly enhances community safety. By prioritizing these areas, the Council showcases its commitment to protecting vulnerable populations.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Building shorebird roosts which are vulnerable to storm surge, developing biogenic habitats that provide resistance to coastal storm surge.



Storm Recovery and Resilience Consultation

#450

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

street flooded, water ran down my driveway into garden- plants ruined. used a compost bag to divert water flow

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

smarter building of new homes and business, " sponge" cities

- 6. There are nine possible initiatives outlines 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?**

flooded people should pay more rates, not those smart enough to buy in unaffected areas

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#472

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We're in an old house on piles. It got wet underneath the house.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

I'm missing any mention of future building. Also, I heard suggestions that some areas got flooded because developments nearby didn't leave any unsealed surfaces. Surely future building needs to take that into account, both building for better water management but also holding development stakeholders (that would include the council) responsible on how the development affects nearby areas.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I still remember the very dry summer 2021/2022. And the heavy rain pattern has held up throughout winter. So what happens with all the water we're trying to manage during a heavy rain. Would it make sense to have more holding areas to store water as patterns are likely to get only more erratic in the future.



Storm Recovery and Resilience Consultation

#491

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

some localised flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

be stricter on requiring soakage on new building projects, plant more trees, leave more wetlands intact

6. There are nine possible initiatives outlines 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?

looks good

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

plant more trees everywhere



Storm Recovery and Resilience Consultation

#530

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

A lot of water run off from surrounding driveways and road gutters, gutters and drains blocked by leaves and debris, causing the water from roads to flow down peoples drives and footpaths. Garages in my street being flooded where they were at road level or below, major flooding in the main roads around our area with drains unable to cope with the volume of water.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

self resilience a can do attitude and hands on with making changes to try and stop the water from entering again. The council finally cleaning gutters of leaf litter and rubbish and clearing drains.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better storm water control, our foot paths turn into rivers when we have heavy rain, not just in down pours, making it almost impossible to walk down the footpath after heavy rain, without going onto the road, a dangerous situation.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Be more prepared generally, ensure drains and gutters are clean and clear, make more drainage areas for water to go in heavy down pours ensure there are lots of mature trees in areas so they can absorb large amounts of water, these are vitally important as they can act like pumps with the volumes they take up, dewater areas in quite quick time.

6. There are nine possible initiatives outlines 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?

Make as much of the natural environment as possible, stop having so many hard areas such as concrete, asphalt, building coverage of ground area, that create water run off, enlarge, encourage green areas with already existing large trees so they are able to absorb the surface water.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

STOP CUTTING DOWN LARGE existing exotic trees which are great for absorbing huge amounts of water as they take it up, there is no point in cutting them down to re plant with small native saplings which will not be in any position to absorb large volumes of water or carbon for 30 years or more.

These trees also need to be kept to absorb the increasing levels of carbon being produced for the same reason as above, cutting them down and replacing them with native saplings which will not absorb the large amounts of carbon as these large, established, old trees for 30 years or more.

Install large retaining tanks / areas to collect the run off and store it for future use to supplement water usage instead of it all running off out to sea.

I would have thought this would be a priority for the council to keep and maintain as many of these existing established trees as possible to combat the carbon absorption and water absorption issues, especially in a city like Auckland, which is clearly being affected by climate change and warming from the excess carbon being produced, giving us unprecedented rain falls and storms, we need to act now, before it is too late, instead of pandering to minority voices who only have their own interests at heart and not the greater population.

This will also have a major cost saving advantage as well, because we can cut the bill for having all these trees cut down and destroyed, being able to use this money in a much more constructive manor. What a prefect outcome, lets think about this, and lets see the wood for the trees, not decimating our lovely green tree filled, leafy environment, it sounds like a win win scenario to me.



Storm Recovery and Resilience Consultation

#548

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The soak pits on our street failed. The overflow flooded us and several of our niehbours. This was the second time in less than a year.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Nothing. Josephine Bartley has, as our councilor, been supportive and ensuring my emails requesting maintenance in our storm water were followed through on.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Do some work on the storm water. In fill means less permeable surfaces and they can't cope with increased density in area.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better storm water infrastructure, especially in older urban areas where density has increased.

6. There are nine possible initiatives outlines 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?

Yes. There is supposed to be an overland flow path over our property. But there is no design or infrastructure to manage this. Our neighbours get all of the flood water from Campbell and Te Kawa rd.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Look to Asia to understand what needs to happen.



Storm Recovery and Resilience Consultation

#574

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Unable to go into the office, brother lost all his furniture and was unable to travel from AKL to Napier where his family were. Sister's ground floor flooded. Houses near me flooded.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Reduced risk of flooding from inadequate drainage. Stormwater system upgraded to cope with increased population in my area, Onehunga which has a significant number of apartment developments

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

See above Q4 answer

6. There are nine possible initiatives outlines 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?

Don't understand some of the initiatives however baseline is that Stormwater system fit for purpose in both flood zones and areas with lots of infill housing

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

baseline is that Stormwater system fit for purpose in both flood zones and areas with lots of infill housing



Storm Recovery and Resilience Consultation

#589

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flood damage is not resolved in Royal Oak.

Of the houses in our group 2 are owned and let out to renters and the owner has done nothing. This means we are left with no internal walls or insulation to 75cm and it is freezing. This affects the whole of downstairs. We have had mould spraying twice and had mould spraying twice.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Just hoping that one day we will get repaired but still waiting to know if the insurance will cover what the estimator reckons need to be done. Unless we contact the insurance subcontractors then nothing happens.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Action! We have to move out while the work is done but we have no idea when this will happen and we have to pack up the whole of downstairs and get movers to out the furniture in storage

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Keep the drains clear. Where speed bumps have been put in there is often grating next to the pavement. These are frequently clogged with debris and flood the road every time it rains. There seems to be no regular maintenance.

6. There are nine possible initiatives outlines 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?

Just get on with it.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#603

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We weren't affected as we had built a home with permeable area and upgraded our soakage pits to connect with stormwater.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Houses which have relied on soakage pits in our area not serviced by council stormwater have had flood damage.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Council not allowing multi unit building in areas with poor stormwater drains and with excessive earthworks and minimal permeable land. The infill housing in older areas concerns our community.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

See answer above. Restrict building to areas served by upgraded stormwater drains. Return to permeable conditions around dwellings. Upgrade stormwater pipes where new dwellings are proposed. Clear cesspit grates more regularly. Stop planting deciduous trees on berms. Ask homeowners to check any cesspits near their homes monthly and clear debris (many responsible ones do already). Contractors often leave sand bags around drains after completion of work resulting in blocked roadside cesspits.

6. There are nine possible initiatives outlines 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?

Where have all the development contributions gone all these years? Why are we still spending on cycleways when basic needs of improving water disposal and supply are not being met?

Wasteful spending over decades has put more on the ratepayers and not taken care of the necessities, time to do things better.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Overdeveloped land will be our new water issue. I oppose section 78 of the MDRS and think a return to the Unitary Plan which had clear allowances for design, light, water, earthworks etc. Build only where infrastructure and water run off is robust to withstand many flood events.



Storm Recovery and Resilience Consultation

#604

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Mt Wellington was affected by wind damage and water damage in low lying areas.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Insurance companies, power companies and the people who look after damaged trees and blocked stormwater.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A formal we've done it declaration.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better stormwater and making sure stormwater drains are clear.

- 6. There are nine possible initiatives outlines 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?**

They are all worth doing.

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#611

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Greenlane intersection was under water

Mitchelson road (near the Ellerslie race course) was under water.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not aware any

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

No comments

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Study the water drainage methods and have more water gullies and larger gullies to take the excess water. Control the housing projects or need additional infrastructure to control the water drainage , traffic etc

6. There are nine possible initiatives outlines 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?

No to putting additional burden to the rate payers. Cut the unnecessary bureaucratic expenses , reduce too many heavily paid bureaucrats

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Proper town planning and developments.



Storm Recovery and Resilience Consultation

#679

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No access to the beach. Road disruptions, closures.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Choosing a positive attitude on,y closed roads affected us.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that the drainage systems are maintenance is being carried out.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

The above

- 6. There are nine possible initiatives outlines 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?**

Just do it

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

Do something about the sewerage going into our waterways and beaches needs attention.



Storm Recovery and Resilience Consultation

#682

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Stream and road flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Increase permeable surfaces around all new home / property developments. regularly clean stormwater drains. These are almost never done in our area and along Tamaki Drive.
improve stormwater catchments

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Increase permeable surfaces around all new home / property developments. regularly clean stormwater drains. These are almost never done in our area and along Tamaki Drive.
improve stormwater catchments

6. There are nine possible initiatives outlines 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?

Increase permeable surfaces around all new home / property developments. regularly clean stormwater drains. These are almost never done in our area and along Tamaki Drive.
improve stormwater catchments

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Increase permeable surfaces around all new home / property developments. regularly clean stormwater drains. These are almost never done in our area and along Tamaki Drive.
improve stormwater catchments



Storm Recovery and Resilience Consultation

#698

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Plenty of green space for retaining water and allowing water flow

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop giving consents for building on any flood-prone areas. Recognize that flood-prone areas are going to increase and plan accordingly. Reestablish flood zones around streams. Install plants that can grow in wet areas and hold soil together - preferably natives. Re-establish natural water flow areas. Plant more trees. Leave plenty of areas without roads, houses and other impermeable surfaces. Subsidize water tanks for people to catch rain water for later use during dry times.

6. There are nine possible initiatives outlines 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?

I was not able to access the document

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#719

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We were told to work from home and we did a shop to make sure we would have water and supplies.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

When we see that it is going to be very rainy we work from home.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing some work being done to reduce flooding on the roads.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Tāmaki Makaurau Auckland be more prepared for events like these in the future by increasing tree cover.

6. There are nine possible initiatives outlines 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?

The nine possible initiatives are a good start; extreme weather events and flooding directly result from climate change. Any initiatives helping reduce climate change will help reduce the likelihood of events like we saw at the start of the year. Addressing climate change proactively can lead to substantial long-term cost savings by reducing the need for extensive disaster recovery and relief efforts.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

An activity that is important to manage flooding that I didn't see in Making Space for Water is increasing tree cover to help reduce flooding. Trees prevent flooding through a combination of their root systems, canopy, and overall impact on the environment. Their root systems hold the soil together and stabilise slopes. Their root systems also make the ground structure porous so it can hold water. Additionally, trees absorb water that falls during a storm, so it never reaches the ground. The natural process of evapotranspiration from trees helps maintain humidity, influencing precipitation patterns and reducing the risk of flooding due to intense rain events. Strategic planting of trees along riverbanks and flood-prone areas acts as a natural defense, absorbing excess water and mitigating the risk of riverbank erosion.



Storm Recovery and Resilience Consultation

#735

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

lots of surface flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

there would probably have been a lot less surface flooding if all the drains weren't blocked with leaves.

6. There are nine possible initiatives outlines 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?

they sound sensible.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

it would be good if there was a way for private stormwater systems to get maintenance at a more reasonable price. It was very expensive last time ours was cleaned/flushed etc.



Storm Recovery and Resilience Consultation

#737

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Surface flooding due to block curb and drainage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

supporting each other and joining together for resolutions and watch of criminal activity

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Continued dialog and listen. Forget the big plans, give power back to local communities

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Look at the past (ie 30 years or longer) to see where the flood areas were before council and developers decided to throw all this out in the pursuit of infill housing and financial gain. Since this is not practical get planners and engineers who have trained and specialised in flood plains and flood areas so stop development of these areas for low social economic development homes!! LISTEN to the local Community particularly the older generation who have experienced these type of situations in their lives.

6. There are nine possible initiatives outlines 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?

Get on with the repairs and maintenance of culverts and bridges, look at road planning and design to reduce water flow and volume going to one area. Review planning development of housing, stop building houses on flat concrete pads go back to houses being build off the ground. The Resource Management Act has created roadblocks when emergency management process needs to happen

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

review the natural water courses, clean them out, remove rubbish and blockages annually, this type of work has not been part of the councils work focus for many years.



Storm Recovery and Resilience Consultation

#740

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We went to Elton John concert as we didn't receive any notifications advising not to go. As we live not far away, we made it there but it was a disaster, as was well described.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

As we personally weren't affected much, we didn't really have to do anything. However, plenty of friends were affected and they had to deal with insurance and immense stress, especially those who completely lost their property.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Council buyout of houses that were built in inappropriate locations. A comprehensive plan how to minimize impacts of such events in the future.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

More solutions that allow for water to drain quickly, better public emergency announcements, programmes supporting revision of the state of roofs and other infrastructure in individual properties.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#834

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our street was partially flooded. There is no storm water provision in our neighborhood, hence a lot of surface flooding.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

I don't know

3. In the months following the storms, what has helped you and your community get through?

N/A

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Awareness that improvements are being made with how new housing areas are being built, i.e., ensuring a balance is created ensuring green catchment areas instead of old-fashioned "development".

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Create green catchment areas "blue-green networks", reserved to absorb water and allow native and other non-invasive flora and fauna to thrive.

6. There are nine possible initiatives outlines 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?

In my opinion, the best ideas are the stream rehabilitation and blue-green networks.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Ensuring "developers" provide for blue-green networks and retain natural streams or flood-prone areas.



Storm Recovery and Resilience Consultation

#867

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My sister's bedroom was totally flooded and her furniture and belongings damaged. The whole family spent 2 days helping her get back on her feet.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Fortunately we haven't had any direct ongoing problems from the storms.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To be sure that we wouldn't get flooded, etc, from similar future events. Otherwise we would just be doomed to repeat.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop building in flood-prone areas, vastly expand blue-green infrastructure across the city, encourage active mode use for more nimble transport during and following extreme weather events.

6. There are nine possible initiatives outlines 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?

Do the maximum possible as fast as possible. The social and economic benefits of having as close to a flood-proof city as possible will vastly outweigh the cost.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Cycle infrastructure should be included in all upgrades and new developments. Enabling transport choice, and community cohesion, are both forms of climate and flood resilience.



Storm Recovery and Resilience Consultation

#929

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Most of our street was flooded (Miro Road, Greenlane), primarily due a recently built infill house at 196A Campbell Road and it's landscaping (retaining walls, driveway, raised garden, decks etc).

This house blocks the only overland flood path exit point for the Miro Road area to a height of 650mm above the original ground level (the height reached by the flood waters). The landscaping is in breach of the Stormwater bylaw (currently under investigation, case #8260264767). The house itself should not have been given resource consent in it's current form as it blocks the low point of the overland flood path.

The area's stormwater primarily uses soakage into the volcanic rock below. This became saturated requiring the areas water to go overland instead. It took around 12-16 hours for the water to subside after the rain stopped. The water was contaminated due to flowing down from Cornwall Park. Mold started to rapidly grow on flooded materials.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

We are fortunate that the flood water can recede relatively quickly once the rain stops. Neighbors were able to check each other were OK once the water went down.

However, the insurance industry has been very slow to process the claims with a number of houses still waiting for settlement. A number of neighbors are still either in temporary accommodation or living in the second story of their house with the lower story gutted and no kitchen.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Removal or Mitigation of the blockage to the overland flood path at 196A Campbell Road. Until then we are prone to repeat flooding.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Take serious consideration to placement of infill housing (it was clear for example from the councils own flood maps that the house at 196A Campbell road would be a problem).

Also, don't develop wetland areas. Be more cautious around potentially unstable land areas such as costal cliffs and steep hills.

6. There are nine possible initiatives outlines 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?

Flooding is going to get worse and fast. Mitigation projects need to get priority else we will continue to see damage costs increase.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Actively engage with insurance companies to help progress claims and settlements. Including looking at rebuilding better rather than just replacing exactly what was there.



Storm Recovery and Resilience Consultation

#936

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Damage to homes and vehicles. Disrupted transport, work and schooling

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Fantastic work by emergency services and community initiatives.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

More visible presence by council staff and leaders

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Service existing drainage systems. Gutters and drains were not cleared regularly prior to flooding events. Despite calls for service vegetation and berms remain overgrown. Rubbish and green waste block drains. No consistency around street sweeping and spraying for weeds

6. There are nine possible initiatives outlines 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?

Service existing systems better with current budget before expecting rate payers to pay for errors made by local government officials

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Consistent and regular maintenance of existing systems. Timely response to reports of issues from community as opposed to 'we will rectify issue as part of our annual service plan' messaging



Storm Recovery and Resilience Consultation

#977

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding in part of the property I rent, carpet needed replacing, and much damage to personal property. A house slipped down a hill on my street and one person passed away.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I think a feeling of recovery will result from a knowledge that strong measures are being taken to prevent an event like this again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stormwater maintenance is essential, and the reduction of impervious surfaces. We need to prioritise investment in careful network planning and maintenance plans including incorporation of smart tech like remote monitoring and predictive maintenance.

6. 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?

I think that all are necessary. The approach must be holistic in order to be effective. I think there is a key element missing, an effective strategy for holistically integrating all of the nine components. There is seemingly little purpose in implementing the initiatives in silos, there must be a centralized framework/strategy.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

There is a missing element for land use/land use change. I think there is also an important missing element which is the integration of the initiatives with other stakeholders e.g. Auckland Transport and their SW assets. I also think that the flood intelligence initiative is missing a key element for emerging technology e.g. the application of digital twin modelling with sensor networks for monitoring and prediction of maintenance etc.



Storm Recovery and Resilience Consultation

#979

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My family own and live in a unit within a body corporate of 17 units and houses which are 30 years old. My unit was fine as it is slightly elevated, but 2 houses were flooded with knee-deep water throughout them. On the LIM these 2 houses are built on a flood plain, and the water in the January flood went exactly where it is blue on the flood plain map. It seems to me that homes built on flood plains shouldn't be there.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The 2 houses flooded in our body corporate of 17 homes have benefitted from having insurance: the owner-occupiers have not been able to live in their homes since the night of the January floods, but they are being fixed. Although they are built on flood plains as shown on the LIM, so it is likely a similar flood event will have a similar effect as in January. The owners wonder if similar future floods will have similar effects. Since the flood plains shown on the LIM were so accurate for what actually happened in the January flood event, it seems reasonable to believe similar floods will bring similar effects. It seems like fear of this reoccurring is bringing some anxiety to the owner-occupiers.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Houses built on flood plains were no longer there - they were demolished, and green/park was put in their place, so future flood events like in January will not effect homes, but the water will travel freely along the flood plains as shown in the LIM. I wonder if a similar buy-out scheme could be done as was done in some of the eastern suburbs of Christchurch after the 2011 earthquakes: these suburbs are now parks as the ground was never really suitable to build on and resulted in liquefaction. I suggest a buy-out scheme of all flooded homes from January, that are built on flood plains. Eg: in Royal Oak/Onehunga.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Remove the houses on flood plains and turn these areas into green/parks designed to allow natural flow of flood water in extreme events.

6. There are nine possible initiatives outlines 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?

My feedback above falls mainly within the high risk properties initiative, and turning them into blue-green spaces. I hope this is extensive. Eg: the elderly widow in my body corporate who's home had knee-deep water through it shouldn't have to lose sleep every time it rains because she fears another flood. Her house was built 30 years ago on ground that now has a flood plain indicated on the LIM. Let's buy her property off her so she can settled somewhere safe. I am happy for rates and taxes to be increased in order to achieve this. It appears this kind of weather event will become more common - let's get it right this time.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I would be interested to know if people who have been flooded have been drawn into this process so far? I live in a body corp of 17 homes and 2 homes were flooded on 27 January and owner-occupiers are not yet back in their homes - they don't seem to know anything other than they have to move back into their homes once they are repaired, and this is clearing bringing them fear and anxiety that their homes will flood again.



Storm Recovery and Resilience Consultation

#996

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Heavy rain on our village, with one basement suffering from a little flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Community support!

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Return to all normality

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Prepare for possible flooding

6. There are nine possible initiatives outlines 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?

If it requires rates increase, then we must accept it

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

No, it is up to the city to decide



Storm Recovery and Resilience Consultation

#999

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our property, and a number of properties around, were flooded on 27 January 2023.

This was not the first time in 2022/2023 that we have been flooded. Our garage has been flooded five times since we moved into the property in February 2022, twice necessitating insurance claims:

- 21 March 2022 during heavy rain when a water pipe across the road burst. An insurance claim was lodged
- 19 November 2022
- 10 December 2022
- 27 January 2023. An insurance claim was lodged
- 09 May 2023; see comment below

We were not flooded by Cyclone Gabrielle on 13-14 February, as the high winds meant water was unable to settle on the road and then subsequently enter our property.

We were not flooded by the heavy thunderstorms on 24 February, or the tornado/high winds on 9 April. The absence of flooding was mainly due to our sandbagging and drain/gutter clearing efforts.

Our garage only received minor flooding on 09 May as, in our absence, our adult son and a neighbour spent 2 hours in the pouring rain ensuring the drains outside our property were clear of debris, while the builders reinstating our internal garage walls from the 27 January flood worked with squeegee mops to push the water out of the garage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Working with a very good insurance broker and tradespeople.

Keeping our garage and front wall pedestrian gate permanently sandbagged. They are still sandbagged more than six months after the 27 January flood.

Doing everything we can to ensure the drains and gutters in the street are clear of debris. Whenever heavy rainfall is forecast, and often during a downpour, we physically clear any visible debris. There is little or no effort made by the Council to do this.

Self-funding anything not covered by insurance, including ordering an AquaStop gate from Europe at a cost in-excess of \$10k, to go in front of the garage roller door during heavy rainfall. This is due for delivery late-August, and will mean we can remove the sandbags and finally park our cars in our garage for the first time since moving into the property in February 2022.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We will feel that we have 'recovered' when Auckland Council, Watercare and Auckland Transport work together to put measures in place to ensure this stormwater runoff issue does not happen again.

This stormwater runoff issue on our property does not need an extreme weather event to occur. We were already meeting with Auckland Council engineers prior to the floods on 27 January. The Auckland Council engineers have now referred the issue to the wider catchment team. In the past 17 months, we have also reported 6 water line pipe bursts to Watercare, blocked drains to Auckland Council (which turned out to be silt catchments, not drains) and flooding on the footpaths to Auckland Transport.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Ensure regular scheduled maintenance of street gutters and existing drains be undertaken.

Cone off roads that are flooding to prevent the passage of cars pushing more floodwater into private properties.

Auckland Council, Watercare and Auckland Transport need to be held collectively accountable for the flooding issues. It is extremely difficult for a private homeowner to get any co-ordinated approach to the issues, and resolution is extremely challenging when there are three separate bodies involved.

Review the road and footpath levels as they, along with a lack of drains, are very much contributing to the flooding issue in our neighbourhood. Long-term neighbours behind our property advise they did not experience flooding issues until the Hunua 4 water pipeline was laid down our street in 2016/2017. A photo of our property in 1976 shows it was level with the road at that time. It is now 2 to 3 feet below road level. The laying of the pipeline resulted in two of the nearby stormwater drains (at the intersection with Atarangi Rd) being 'converted' to a mere silt trap, which has no effect on stormwater.

Ensure the Auckland Council helpline has two priority queues; one for those with first response queries, and a second queue for those affected to a lesser degree where their queries could be dealt with promptly.

6. There are nine possible initiatives outlines 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?

Rather than improving the 'management' of overland flow paths, these paths themselves need to be reviewed. In our neighbourhood, raised intersections are artificially turning water 90 degrees and creating overland flow paths that would not be as significant had the stormwater been allowed to follow the natural contours of the land. Just because the water is taking a particular overland flow path does not mean it should be - particularly when this means artificially steering the path through private properties rather than down roads.

Increased maintenance will be of limited value where, for example, marked drains are now simply silt catchments with zero drainage. These silt catchments need to be returned to actual drains with increased capacity. Underground, stormwater pipes need to be enlarged or added to, to ensure that they have the necessary capacity. Climate change is not going to mean water flows are smaller.

The Network upgrades need to carefully review where the stormwater is flowing from. We live one block below One Tree Hill and, rather than the runoff from there being captured by drains at One Tree Hill, the majority of the flow is ending up outside our property with the unrealistic expectation that one drain either side of the road will manage this. This 'ambulance at the bottom of the cliff' stormwater management needs to be changed.

Under Auckland Transport rather than Auckland Council, the angles of the footpaths and crossings need addressing. Even if adequate drains existed - and they do not - much of the stormwater does not even reach the roadside drains in our immediate neighbourhood because it overflows at driveways, down the pavements. Auckland Transport should ensure runoff from properties is fed onto the road, and Auckland Council should ensure there is sufficient drainage to manage this runoff.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Auckland Council, Watercare and Auckland Transport need to be held collectively accountable for this initiative.

Rather than relying on modelling, consultation with those affected by flooding will give far greater insight into the causes and possible remedies.



Wheturangi Road 27 January 2023



Wheturangi Road 27 January 2023



Flooded berm and footpath 27 January 2023



Flooding outside garage 27 January 2023



Back garden flooding 27 January 2023



Footpath Wheturangi Road 21 July 2023



Footpath Wheturangi Road 21 July 2023



Footpath Wheturangi Road 21 July 2023



Footpath Wheturangi Road 6 February 2023



Footpath Wheturangi Road 21 July 2023



Storm Recovery and Resilience Consultation

#1045

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding in driveway and garden, not in house. Local area had some bad flooding and flooded houses

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing as I don't need help however I believe there are people out there that do and don't seem to be getting anything considering it now about 7 months since the Auckland floods

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

That Auckland Council take the flood issues seriously. We have had an issue with Council Consent on a neighbouring building based on old flood reports. When we submitted facts on what happened in the Auckland Flood to the council they ignored this and gave consent. Unbelievable how ignorant this council is and how it's going to cause issues and flooding in the future.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Re-look at the building intensity and how that affects stormwater and flood.

6. There are nine possible initiatives outlines 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?

Broaden your views on how we can fix this issue

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Building intensity and consents need to reviewed



Storm Recovery and Resilience Consultation

#1057

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Yes very much affected

Live in Glendowie by the Glendowie College Field in Riddell Road the field was flooded to the point of it looking like a river and had water flowed like the rapids into the culvert that is on my property

Kainga Ora had demolished state houses and took away all trees on the site right next to the field hence the water from that site flowed into the field into the culvert

This was very scary luckily no damage but the water also flooded Bryant Place properties which is on the corner of Riddell Rd

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not much of anything as it's been raining constantly

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

The Council needs to investigate the dip in the Glendowie School field as the principle Gordon Robertson said the Council made the dip in the ground in the first instance to aid water flowing into the culvert but the dip in the field has deepened to the point of it being dangerous when it rains heavily due to the vacant Kainga ora site

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Listen to the comments and opinions of the people of Auckland

- 6. There are nine possible initiatives outlines 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?**

Need fixing of issues now

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**





Storm Recovery and Resilience Consultation

#1074

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

local flooding at the low end of the street

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Because of council cutbacks on spending in recent times the checking, clearing of road cesspits, storm water drains, creeks and rivers has not been done so this needs to improve by spending more time and money on clearing for safe passage of storm water back to the ocean

6. There are nine possible initiatives outlines 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?

Initiative are good.

Some costs could be covered by savings council can make by not spending money on so many pedestrian humps in the middle of the road, on AT spending that deliberately slows down transport times, movements within the city, on silly future waterfront projects or planning.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1087

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Just transport disruptions

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

More support in terms of council surveying park areas.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Clearing drains, more drains. DRAINS DRAINS DRAINS!

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1104

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There was flooding in my suburb.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Friends and neighbors helping others

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

By preventing the flooding on surrounding roads.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

If the council actually did something to prevent the Greenlane intersection flooding.

6. There are nine possible initiatives outlines 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?

To prevent thr flooding by fixing the drainage will directly help those that use the Greenlane and Great South Road intersection.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1161

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was fine

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Marae really stepped up to support people affected. fully support recognition of this and funding to help them.

6. There are nine possible initiatives outlines 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?

Love the blue-green initiatives.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

No mention is made of public transport. The images of stranded and stuck buses are vivid in my mind. When people were advised to leave the CBD the public transport system was overwhelmed and stuck with heavy car traffic. Dedicated bus lanes would improve the situation.

It would also make PT more attractive than the car if it was faster than being stuck in traffic, instead of being slower than a car cos of traffic.



Storm Recovery and Resilience Consultation

#1164

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

In onehunga in parts we went underwater

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Good communication from our local board

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Feedback on decisions made to prevent this happening again

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

More early warning, better advice on sorrow water clearance

6. There are nine possible initiatives outlines 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?

No do not increase our rates any more

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1196

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Roads flooded getting to and from work. Minor flooding at home.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Stormwater drainage improved for future storms

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Improve drainage

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1215

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I lived in Onehunga where the floods hit bad and my room was unexpectedly flooded. It caused immense stress, anxiety and financial troubles for me and I still have trouble sleeping at night when it's raining. My car was written off and the room I was living in has only just had it's fixes completed after seven months.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The government grants we could apply for immediately after the floods through WINZ

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better management and cleaning of roads and drains, less concrete development and more native plantings

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Streets and drains cleared of rubbish more regularly, less concrete driveways, more support from Council pre and post event to mitigate impacts for families

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1218

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Extremely boggy surrounding parks continue to be an issue. They lack drainage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Adding drainage to parks so they are accessible during winter months. A path through would in addition be useful

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Forward planning to ensure drains are clear and flood zone housing is managed

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Look to climate change planning which takes into account rivers and drainage, create a sponge city to absorb excess water, sensible and necessary solutions.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Sponge city



Storm Recovery and Resilience Consultation

#1220

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Community was disrupted by the need to repair and rebuild roads, houses, and commercial buildings. The burden of significant extra costs for storm recovery has hit everyone's rates bill and meant some capital investment in other projects will not go ahead. This is impacting on future development investment decisions in the community.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

3. In the months following the storms, what has helped you and your community get through?

Neighbours. Efforts of government, local government and other agencies to repair damage.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Shops and businesses full again- and reduction in visible areas needing repairs.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Get the basics right - clear drains and upgrade stormwater systems.

6. There are nine possible initiatives outlines 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?

An element of all of this is needed - but lets not have a knee jerk reaction where we build up a huge community response infrastructure waiting for a disaster to occur.... community works when needed.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

It's more of a culture of acceptance that is required.... we are a small island that gets storms.... we'll need to make sensible decisions about where we develop and managing flood prone areas will get more difficult. Most Pas were on stable hills for a reason.



Storm Recovery and Resilience Consultation

#1234

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

In mount wellington a lot of the residential roads were fine but there was a lt of flooding on arterial roads like great south rd and lunn ave

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

there were immediately road workers to help clear the busiest roads

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

i think there are symbols of what happened like sandbags and fallen trees. i only felt the community had 'recovered' after the reminders had passed- e.g the trees had been cut or cordoned off, sandbags had been cleared away

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

i think having quicker emergency response announcements. i remember finding out on the news which was after it already got to an emergency level.

6. There are nine possible initiatives outlines 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?

I think these decisions should be made by stormwater engineers as to what programmes are effective and what is recommended vs what is essential.

But my only other comment is 1.65 billion is a lot less than what we will pay if the intensity and frequency of these weather events increase.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1236

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Cutters overflowed and entered garage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

seeing people worse off than us

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

sunshine

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

dont build on flood plains

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Dredging rivers to help control water levels



Storm Recovery and Resilience Consultation

#1333

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Significantly

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Community. People.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Feeling that a storm 50% worse would not create any flooding

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Retention tanks on every new property development.

Drains being cleared.

6. There are nine possible initiatives outlines 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?

Some of them are a bit waffley

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

When high rainfall is expected announcing that those who have water tanks empty them.

All new properties have water tanks, retention or garden/grey use, or home.

A very simple requirement for new consents.

Get over the reality that water tanks take from council income.



Storm Recovery and Resilience Consultation

#1346

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minor

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Less intensification

More tree planting, particularly in low tree areas (south etc)

Daylight and expand streams

Promote floodmaps

Mandate publication of issues on lms. Council should be documenting (incl photo) and updating lms as a matter of priority.

Buyout at risk properties

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1348

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Local recreational area flooded owing to the fact flood gates were not opened by the council

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not sure the purpose of this question, the council have been slow at restoring flood damage, some still hasn't been done, yet they opted to construct an outdoor fitness centre

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

If the council actually resorted order

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Irrelevant, it was a once in a lifetime event, money should not be wasted on 'preparation'

6. There are nine possible initiatives outlines 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?

Reference question 5. This is wasteful investment

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1350

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Alot of flooding due to inadequate drainage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

My body corporate and I have had to pay for upgrades to drainage

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that drainage paths will be corrected to ensure we are prepared for these events again.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Plan for what Auckland will be and fix it fast. Stop messing around and just get it done

- 6. There are nine possible initiatives outlines 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?**

Just do it!

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1368

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Experienced flooding of property

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Support of friends and family

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Assurance our storm water soak holes can handle rain

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Improve drainage and create more permeable spaces. And stop greedy developers from building without ensuring their developments affect others by causing run off

6. There are nine possible initiatives outlines 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?

You forgot everyone east of Epsom

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Make new builds aren't making the problem worse



Storm Recovery and Resilience Consultation

#1383

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Family could not come back as road are flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Mitigate future flood

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Upgrade stormwater facilities. Build some retention lake or underground buffer tank.

- 6. There are nine possible initiatives outlines 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?**

DO IT ALL.

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1390

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not excessively impacted

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Getting stuck in to the cleanup and not waiting for someone else to do it.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Storms happen. Pick yourself up and move on.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

They are once in one hundred year events. They have happened before and they'll probably happen again. Just make sure the storm water drains are free from debris and blockages. This should be part of Auckland Councils PPM plan.

6. There are nine possible initiatives outlines 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?

Why knee-jerk react to this event. You have no right to impose layers of cost on Auckland ratepayers based on your delight in spending other peoples money.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Ensuring the existing infrastructure is operating at full productivity.



Storm Recovery and Resilience Consultation

#1396

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Land damage around home

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A co-pay from the council or govt

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Improve all of our infrastructure, roading and drains

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1419

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some flood damage in garage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Was not a major problem so fixed ourselves.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing fortunately, we were not badly affected.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Adequate drainages in all areas on a cohesive basis not a piecemeal one.

6. There are nine possible initiatives outlines 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?

It is necessary for the well-being of the city and needs promoting.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1422

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was not personally affected.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Friends and family.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Improvements to stormwater infrastructure would help - these are expensive.

Physical signs in the real world (not on GIS) showing where flooding reached during the 2023 flood events may change the flood risk perception.

6. There are nine possible initiatives outlines 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?

There is discussion of the government (the public) purchasing houses that are category 3. This is sensible as it spreads the pain out but research should also be done to understand how it affects perceived risk of home buyers on at risk houses. If it introduces a perception that the financial risk is low (since the government insures compensation) then the value of at risk houses will be inflated and we won't see as much retreat as is appropriate.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

See 6. The results of these studies should be shared widely and included in the discussion of the public purchasing category 3 buildings.

In the case of the Christchurch Earthquakes the risk was not increasing - however climate change will progress overtime so having the government own that risk on behalf of land owners will grow progressive unsustainable.



Storm Recovery and Resilience Consultation

#1432

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not significantly

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No issues

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/A

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Ensure maintenance is right up to and leaf litter cleaned up regularly

- 6. There are nine possible initiatives outlines 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?**

They all make sense

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1439

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I had waterfalls coming out and over the retaining walls and 2 streams appeared out of nowhere around my place. I don't live near any stream and was lucky that it didn't come inside. However it must have gone into the foundation and I had 2 dehumidifier and the heatpump on drying mode running for 2 weeks to get rid of the dampness

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

None

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Changes that help to prevent it from happening again. Without it I will keep being anxious every time we get heavy rain

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1451

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some property damage to garage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Insurance

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better management of risks like catchpit cleaning

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

All of the initiatives in the plan

- 6. There are nine possible initiatives outlines 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?**

I strongly support all of them

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1462

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Partner was almost swept away on the motorway.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

We need to buy up all properties that cannot be insured.



Storm Recovery and Resilience Consultation

#1490

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Disruptions to work

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Considering future plans

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Local government plans

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Review storm water system

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1509

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My suburb Onehunga was underwater during both of the major weather events. Although my home was not affected plenty of local residents were.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

People mucking in to help each other via charity and gifting 2nd hand clothing and other stuff people need. Suitable insurance cover.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not sure.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We need to stop the over intensification of housing and taking away green spaces, waterways. Properties need trees and rain gardens like they have overseas. In my area we are building far too many townhouses and apartments removing green spaces and just laying more concrete.

6. There are nine possible initiatives outlines 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?

We cannot continue to increase rates every year, the council needs to be smarter with their spending and reduce in other areas if this is a priority.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Creation of rain gardens on all streets and around peoples homes, remove intensification of slum housing that has been allowed to run rife across Auckland. More off street car parking for new developments.



Storm Recovery and Resilience Consultation

#1522

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Daycare closed, my work closed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

N/A

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I don't feel as though I was adversely affected.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better roads

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

I don't know



Storm Recovery and Resilience Consultation

#1528

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Backyard flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Auckland Council only allowed people without insurance to dispose of damaged goods at landfill for free in the aftermath. This punishes responsible people, even despite the fact we did not have enough damage to lodge an insurance claim, we were still ineligible and had to pay for our flood damaged waste removal.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Make it very clear how Council and Government will respond financially so people know what the consequences are of not having private insurance.

6. There are nine possible initiatives outlines 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?

All looks great!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Be able to release water from the lake at Taumanu Reserve in a flood situation.



Storm Recovery and Resilience Consultation

#1550

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Lots of flooding on the highway and businesses and home affected, trains stopped.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Life goes on honestly, get on with it as most did

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing some efforts to remedy the effects

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Regular drain maintenance and consider heavier duty stormwater capacity similar to Japan with massive underground holding/pumping tanks. As Auckland weather getting more tropical.

6. 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1560

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Half the piles under my house were washed out

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

No outside agency - still battling EQC and Tower Insurance to have repairs done

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A streamlined cooperative process between EQC and insurance companies

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Regularly cleaning of storm drains, policy of planting evergreen trees on berms to minimise leaf drop

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Limit housing density no space for a sponge effect when 25 terraced houses are replacing one house on a section



Storm Recovery and Resilience Consultation

#1607

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Clear communication from the Auckland council

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Clear plans for stormwater to prevent future catastrophies - especially responsible urban intensification. Existing policies are inadequate on sooooooooooooooooo many levels.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Change the urbanization development model to allow for more greenspace that drains (like larger gardens) or manmade alternatives that prepare for a 1 in 100 year flood scenario.

6. There are nine possible initiatives outlines 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?

The cost of dealing with storm water issues is being shifted from developers to the council/rate payer. Changing how development is done is the key factor here. Don't let people drain swamps / marshlands and build there. Perhaps study the Korean / Japanese model for urban intensification? These townhouses are simply a poor idea to enable small fry developers to flick them for a quick buck. You need proper sized family dwellings in proper apartments with offstreet parking to intensify properly.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1615

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My naughty upper-height neighbour manually created overland waterway into my driveway, all her garden waste poured into my driveway, it was lucky not be flooded into my garage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Added height to footpath to avoid the watercourse down to properties.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

maintain all footpark watercourse cleaned and tidy

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

1: too many houses built in the recent 10-year, but I assumed the storm water link was not upgrade to match the high-density house zones, learn to Japan or Europe to build a big tank under soil for all tel.stormwater and so on... Learn...

I hate our Auckland leader only know to dig for new project each time. It is waste activity.

2: Maintain all present resource.

6. There are nine possible initiatives outlines 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?

The budget can not be paid by the Aucklanders, the Central government should paid for it, our Aucklanders have paid a lot tax to Central Government, why it can not invest the budget to benefit Auckland? Population of Auckland is occupied more than 1/3 of whole NZ population.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Auckland Planning is very important department. My uphill developer is on the way to elect 5-house where my 3-meter-slop down retaining wall was supported developer's land, I have reported to Auckland Council for 5 surcharge load to endanger my old retaining wall and flood issue to down pump into my house in the future, and landslide issue and sunshine issue and so on. My engineer's report has pointed out the design flaw, but building consents ignored my issues and repeating close my formal complaint case. I feel hopeless into our Auckland Council.

P.s: I have attached some photos which I want to voice it.

My address: 40c Symonds St Onehunga

Joan He 0212301643 email: nzqiaolu@yahoo.co.nz





Storm Recovery and Resilience Consultation

#1617

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

House and property flooded causing extensive damage that is still only 60% repaired after nearly 7 months.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Insurance.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Unfortunately, I believe that a new Mayor - one with better Crisis Leadership skills - would assist with the "feeling" of recovery.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Civil defense training for all on flood safety. Flood prone areas managed. Activating the community to support one another during extreme weather events and other emergencies - in particular many new Aucklanders failed to care for their neighbors because their home country might not have that expectation, but in New Zealand, we care for our neighbors. This attitude and mindset needs to be strengthened considerably for ALL Aucklanders.

6. There are nine possible initiatives outlines 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?

Rate hikes are to be expected.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1667

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Your feedback

Onehunga Business Association

Local Board: Maungakiekie-Tāmaki

- 1. How were you, and your local community, affected by the extreme weather events in early 2023?**
- 2. Was your home flooded or damaged during the extreme weather events in early 2023?**
- 3. In the months following the storms, what has helped you and your community get through?**
- 4. What would help you and your community feel like you had 'recovered' from these extreme weather events?**

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Onehunga Business Association
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P.O. Box 13,211
Onehunga 1643
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Telephone: 09 6385335
Email: admin@onehunga.net.nz

#1667

25 August 2023

Storm Recovery
Auckland Council
Private Bag 92300
Auckland 1142

stormrecoveryconsultation@aucklandcouncil.govt.nz

SUBMISSION TO THE STORM RECOVERY AND RESILIENCE CONSULTATION

The Onehunga Business Association ('Association') welcomes the opportunity to provide this feedback to the Auckland Council Storm Recovery and Resilience Consultation ('Consultation Document').

The Association represents approximately 500 of our business community in Onehunga and are currently undertaking consultation about a potential expansion which would at least triple our membership in wider Onehunga area.

Alongside Penrose, Onehunga has some of the critical industry that keeps Aotearoa New Zealand moving along including heavy rail distribution, the Police helicopter base, electricity transmission, waste management and recreational activities like Waikaraka speedway and Mt Smart.

Onehunga is the literal centre of Auckland. We have experienced many regional and national projects in our community. We are a historic town centre and are experiencing a lot of private development. Our infrastructure is aging and appears unable to sustain heavy rainfall.

Introduction

As your Consultation Document notes, in early 2023, the Tāmaki Makaurau / Auckland region experienced a series of extreme weather events, with record-breaking rainfall, floods, landslides and high winds. Tragically, six people lost their lives. Thousands of people have been affected, and homes, businesses, and communities have suffered long-term impacts. Auckland Council is committed to supporting communities recover and prepare for the future.

To address these events, Auckland Council formed the Recovery Office and created an interim recovery plan.

Auckland Council are now developing the Tāmaki Makaurau Recovery Plan and a series of stormwater improvements called 'Making Space for Water' to focus on the longer-term recovery. Auckland Council is seeking feedback on these plans.

The proposed Tāmaki Makaurau Recovery Plan will outline priorities for region-wide and local recovery activities. This plan is a legal requirement to address the repair, regeneration, and resilience of the Auckland region.

The Council's Healthy Waters department is developing a series of stormwater improvements called 'Making Space for Water' as part of recovery efforts. Healthy Waters is planning nine initiatives to reduce flood risks and make big improvements to Auckland's stormwater network. They propose to deliver the initiatives over six years including: infrastructure improvements, such as culvert and bridge upgrades; increased stormwater maintenance; empowering our communities to prepare for and increase resilience to flooding; creating blue-green (waterways and parks) networks to allow stormwater to safely pass through urban areas.

Auckland Council is looking for feedback to help develop the Tāmaki Makaurau Recovery Plan and refine the 'Making Space for Water' initiatives, including how the storms affected businesses; what is important for recovery; how Council can better prepare for future extreme weather events; and opinions on the ideas proposed in 'Making Space for Water'.

Our Detailed Feedback

We include below more detailed feedback on your specific questions.

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Onehunga was struck by the floods in a variety of different ways. Less than 10 years ago, Auckland Transport redesigned Onehunga Mall around number 306 and this has seen the flow of water being pushed off the road onto the footpath and into a number of properties on the western side of the road. Further down the road the stormwater system cannot cope with the volume of water and this saw many basements and retailers having to mop up continuously.

Further away from the town centre, Beachcroft Avenue was under water twice which saw cars floating and damage to many homes. This had a knock-on effect to business as people struggled to leave Onehunga and head west.

The deluge resulted in water build up onto State Highway 20 making it rather dangerous. I understand that businesses that back onto the highway along Hill and Wharangi Streets also suffered from a lot of damage and this impacted their stock.

In other areas of Onehunga, springs emerged from roads and in people's property and the stream that runs alongside Neilson Street also flooded.

2. Was your business flooded or damaged during the extreme weather events in early 2023?

The Onehunga Business Association has been affected on different occasions by flooding but these were not serious in our building unlike our neighbours.

3. In the months following the storms what has helped you and your community get through?

A lot of hard work by individuals with support of insurance companies. Many found it incredibly stressful and frustrating.

4. What would help you and your community feel like you had recovered from the extreme weather events?

First, we do not feel like we have 'recovered' from this year's extreme weather events. Many businesses are operating under a 'cloud', fearful of when the next extreme weather event will come (exacerbated by climate change).

Although a storm response fund of \$20M was added to the 2023/2024 Annual Budget, as can be seen from the Consultation Document \$1.65 billion is needed over the next six years. \$20M is a drop in the bucket so we are worried little progress will be made this financial year.

Though we appreciate the response now underway through this consultation, we expect another 9 months until the proposed targeted rate can be set (30 June 2024) and then perhaps another year while contracts are let to do the necessary work. This is simply taking far too long.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We agree with your four key objectives for managing flood risks (i.e., reduce existing flood risks, avoid creating new flood risks, raise people's awareness of flood risks and be prepared for flood events).

However, as we will expand on below, Tāmaki Makaurau Auckland needs to prioritise getting the basics right, like street sweeping and street sump cleaning, and for the basics to be treated with priority. We also want to see the existing stormwater/wastewater pipe network flushed regularly to ensure any silt build up is removed and we want these networks expanded so they operate optimally to their maximum capacity. It is also important to undertake 'smarter' approaches to these simple measures, with better contract management, monitoring and oversight of these basic services.

The 'cracks' between the 'silos' that operate within the Auckland Council "family" (eg Auckland Council, Auckland Transport or Watercare) and beyond (eg with Waka Kotahi/NZTA) for stormwater/wastewater management and emergency response also need to be urgently fixed (even for such simple things as who takes complaints about blocked drains and who is then responsible for unblocking them). In this regard, we are very

concerned about further 'silos' being created with the Water Services Reform Programme and the responsibilities for important aspects of stormwater management slipping into the cracks between the silos of these new entities, the Auckland Council "family" and Waka Kotahi/NZTA.

6. Do you have any comments on the initiatives?

Increased maintenance

We support the initiatives to: (a) undertake more frequent street sweeping, targeting higher risk and heavy leaf-fall areas; (b) more frequent catchpit cleaning (at least three times a year in high-risk areas, and twice a year everywhere else; (c) network upgrades, such as building new catchpits with bigger inlets; and (d) targeted public overland flow path management and stream clearance.

We have been very concerned by media reports that plans were underway at Auckland Council to cut spending on stormwater repairs and maintenance shortly before the January floods and that this was the second year in a row that the Healthy Waters division had come up with cuts to stormwater maintenance and repairs as part of budget savings. Blocked drains and reduced cleaning of stormwater pipes contributed to the flooding.

We understand that the storm response fund includes \$7 million for ongoing maintenance, doubling street sump cleaning frequency, identifying more flooding hotspots as well as inspection and compliance. We also want to see the existing pipe network flushed regularly to ensure any silt build up is removed and we want the network expanded. We must ensure these existing stormwater/wastewater networks operate optimally to their maximum capacity.

However, it is also important to undertake 'smarter' approaches to these simple measures. For example, we have seen extra street sweepers sent to supposedly clean streets only for them to come in the afternoon when the carparks are full and for them to never get anywhere near the curb to actually sweep up leaves. No doubt they have been paid, but they have on these occasions been entirely ineffective. Better contract management, monitoring and oversight of these services is also clearly needed.

We support getting these basics right and them treated with priority.

Flood intelligence

We support the initiatives to: (a) incorporate data from recent storms into flood maps; (b) enhance hotspot monitoring technology and explore systems for early warning alerts; (c) share information with the public via a Flood Viewer tool to improve flood hazard awareness.

However, much of this information is already available (such as flood plain maps) and has been for years, but their existence and the risks they highlight do not appear to have been translated into more regular focused maintenance (for example, more frequent street sweeping, leaf fall collection and catchpit cleaning that targets higher risk areas).

Community-led flood resilience

We support the initiatives to: (a) develop community flood readiness resources, including strategies to manage flood risks at home, and what to do before, during and after a flood; and (b) empower community groups to undertake flood resilience activities, by providing advice, tools, and resources (this includes stream and riparian management to restore impacted stream banks).

Stream rehabilitation

We support the initiatives to: (a) undertake rehabilitation works by council on critical streams, including vegetation management, slope stabilisation, bank battering and stream channel modification to improve the flow dynamics of the stream and reduce erosion; and (b) provide advice to owners with streams on their properties.

Rural settlements

We support the initiatives to: (a) identify the specific flood management needs of rural settlements and helping to implement appropriate solutions; (b) build capability of marae as resilient centres and community hubs (this might include physical works to reduce vulnerability to effects of flooding and extreme weather events); (c) provide advice on managing private rural water systems when floods happen, including bores, rainwater tanks and on-site wastewater systems.

Culvert and bridge upgrades

We support the initiative to upgrade the capacity and safety of high-priority culverts and bridges, including expanding the area of inlets and managing downstream effects.

Overland flow path management

We support the initiatives to: (a) provide information to businesses, homeowners, community groups and industry professionals about how to correctly manage an overland flow path on their property; (b) provide on site assessment to identify blockages on properties and advise owners of their responsibilities with potential for infringement notices and legal action when necessary; (c) investigate larger scale projects to improve a catchment's overland flow paths, where on-site solutions aren't enough.

The Auckland Council "family" also needs to take responsibility for overland flows on their properties (such as local parks, streets, etc).

High-risk properties

We support the initiatives underway, as part of the Cyclone Recovery process with central government for Auckland Council to identify higher-risk homes and determine appropriate mitigation options. The Consultation Document notes that this work is part of improving flood risk management and includes: (a) inspection and engagement (site specific visits to identify high-risk properties and practical solutions to mitigate flooding); (b) flood plain

management (identifying potential options for land where houses are removed through a property buyout process (this includes connecting into blue-green networks possible redevelopment where land redevelopment makes housing a safe option).

We ask that these initiatives also include any affected business properties.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

We have been particularly concerned about the 'silos' that operate within the Auckland Council "family" that exacerbate the problems of underfunded stormwater/wastewater management and which also makes emergency responses all the more challenging. At times, there does not seem to be a clear answer as to who in the Auckland Council "family" has responsibility for core services, such as taking complaints about blocked drains and then unblocking them (eg Auckland Council, Auckland Transport or Watercare). Aging combined stormwater and wastewater systems exacerbate the problem. To our frustration, some "roads/intersections" are the responsibility of Council, while are the responsibility of Auckland Transport or even Waka Kotahi/NZTA – and then there are some that fall into being a kind of "no man's land". Determining clearly who is responsible must be a priority.

In this regard, we are also very concerned about further 'silos' being created with the Water Services Reform Programme and the responsibilities for important aspects of stormwater management slipping into the cracks between the silos of these entities, the Auckland Council "family" and Waka Kotahi/NZTA.

Another issue that hasn't been mentioned is whether Council's responsibility for poor management has opened it up to claims from affected property owners? For example, for some businesses hit hard by the storm events, insurance claims are in the hundreds of millions of dollars and many now face steep premium and excess increases. Some also have exclusions now placed on being able to insure against future flood damage.

Funding the improvements

In principle, we support the introduction of a targeted rate to cover the cost of 'Making Space for Water' and consideration of the options that 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.

However, as we have stated regarding the introduction of other targeted rates, fundamentally, we do not accept the view that a business differential should be applied to targeted rates (or general rates) especially for reasons that "businesses are better able to manage additional costs than residential properties" or because "businesses can claim back GST and expense rates against tax." These reasons do not justify the business differential, particularly for small businesses who make up most businesses in Auckland and considering the main beneficiaries of such a proposed 'Making Space for Water' targeted rate being residential property owners.

We also ask that the \$700 million for land acquisition, \$500 million of capital investment in improvements to Auckland's networks, and \$400 million of operating expenditure to

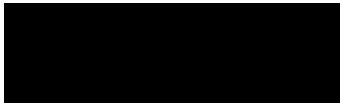
improve service levels be broken down further for each of the nine activities above and how the funding specifically provides benefits to businesses (or business areas).

Conclusions

Our Association welcomes the opportunity to make this submission to the Auckland Council Storm Recovery and Resilience Consultation.

We wish to be heard should there be any hearings.

Yours sincerely,

A large black rectangular redaction box covering the signature of the Town Manager.A small black rectangular redaction box covering the name of the Town Manager.

Town Manager



Storm Recovery and Resilience Consultation

#1678

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding in my house, neighborhood and workplace

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

A clear plan and insurance.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

If the Council cleaned the leaves from the roadside..... therefore reducing the clogging of drains. But this hasn't happened. the council don't care.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council clean the leaves in the drains and the roadside.

6. There are nine possible initiatives outlines 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?

There are other options. Drop pet projects and reduce the number of council managers. Therefore, making a saving. I've worked in Councils as i have a planning degree (Auckland Uni) and I have seen the wastage firsthand.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Clean the roads and drains



Storm Recovery and Resilience Consultation

#1726

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooded property

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Ourselves, absolutely no help from Auckland Council . There design failures have severely impacted our homes, we have been asking for years for change but nothing happens

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

By Auckland Council making physical changes to stormwater systems so our properties don’t get flooded

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Make significant changes

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1735

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our house was severely damaged by the auckland anniversary floods. We had 1.8m of water throughout our house and 3.8m of water against the external wall of our property. Our house has 1 further year of repairs to make it liveable.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

Support from friends

Support from the family

Insurance rental help

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

When the local infrastructure is invested in and repaired to a level that it would stop further flooding whenever it rains severely rains

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Invest in infrastructure

6. There are nine possible initiatives outlines 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?

They need to be completed correctly and to a level that will stop further flooding

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I just hope that the flooding resilience works is carried out asap to avoid further destruction of peoples lives



Storm Recovery and Resilience Consultation

#1830

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding impacted me and my neighbours/onehunga community

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Resilience

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Something needs to be seriously done with insurance companies and their timelines for processing claims in NZ. I've had lousy experience with mine which is one used by NZ banks. No accountability on timelines. Long waiting times on phone (1.5 hrs), no follow to my emails or phone calls. Seven months later still working through it. It's a terrible experience and exhausting. The default excuse is many claims. Surely these can be triaged better by govt imposing some minimum requirements on all insurance companies so our lives are not in limbo several months down.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Use the emergency alerts on mobiles sooner, apart from tv and radio. Have one app for national civil defense and emergencies in NZ that can be targeted for notifications and have all key safety checklists or centres for emergency by town/city. We don't seem to have one in NZ. If we could do one for covid, why not for this?

During major emergencies make internet free if possible. If electricity is down where can people go to charge phones? Can the e car charging stations also support phone charging? Is there a way to match people who need help with people who can help through some centralized request?

6. There are nine possible initiatives outlines 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?

Auckland council needs to prioritize the clean up of drains, culverts etc to prevent our properties flooding when drains overflow onto our driveways. Leave streams alone. Central govt needs to fiscally support this too. I'm already paying not only high rates but also high taxes on my single income. Govt seems to only target relief to families with kids or businesses even with national disaster. Single people with no kids who don't qualify for help end up carrying the biggest burden for everyone else and get none of the tax breaks or benefits. Seems grossly unfair.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1850

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Your feedback

Disability Connect Inc

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not personally affected but knew whanau who were, other than damage to trees and property.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home, No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Community connections, supports, a little bit of govt assistance for repairs. and information

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that disabled people their families and whanau as well as other vulnerable people were included in all aspects of Emergency Management and Recovery.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Have plans that consider the needs of all disabled people their families and whanau in your risk profiles, plans, mitigations and communications.

6. There are nine possible initiatives outlines 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?

Doesn't appear to include disabled people, their family and whanau. This is not world class planning. Include vulnerable people in all aspects. This will ensure no one is left behind.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Consider the needs of the widest possible range of disabled people, not just physical disabilities but sensory, intellectual and neurodiverse.



Storm Recovery and Resilience Consultation

#1861

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our entire ground floor was badly damaged. Thirty three years living in this house and never seen anything like this. Rivers of

water coming through, apparently from underneath the earth, like the water was searching a way out!

The insurance company IAG (through our ASB Bank) has been useless. So far, no settlement. Husband (72 yrs old) is still working on his own to repair the damage.

The impact on our family life has been and still is enormous.

Other houses and neighbourhoods were much worse affected so in solidarity with them, we have cope the best we can.

The consequences ended up affecting all of us in the form of infrastructure damage (roads, footpath s) sewage overflows, traffic disruptions, slips and landslides, soil erosion, power cuts, contamination of coastal environment, supermarket shortages, rubbish scattered, rat infestation, etc

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Neighbours and friends (husband wasn't in Auckland),

Piles of damaged carpets, furniture, etc. (had to pay for the disposal at the Onehunga dumping place).

Staying connected and getting advice from public services.

No assistance received until now.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We haven't recovered. It is a slow painful process. We keep paying the bills for supplies and materials to carry out an enormous task to redoing the ground floor.

Upset with the council for poor maintenance of drains, lack of vision before the storms and untidy citizens throwing rubbish that blocks the drains.

Upset at Council allowing developments in inappropriate locations. Extreme weather events including prolonged and intense rainfall are becoming more frequent, highlighting the need for additional controls in order to prevent new properties being constructed in "at risk" areas. This will enable ours and the wider community to feel that we are "recovering" and will give us the reassurance of knowing that we are taking measures to prohibit future developments in areas with insufficient infrastructure capacity, in flood plains, close to streams and on a slope that discharges on coastal environments - thus preventing potential extremely high economic and financial costs.

Water must find a way to flow, how in a saturated city?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Urban planning.

Maintenance.

Less concrete.

Low density housing.

Auckland could be better prepared for events like this in the future by including stormwater protection as an important matter under what is called Plan Change 78 (which introduces constraints on intensification)

6. There are nine possible initiatives outlines 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?

I support the initiatives. It seems 1.65 billion budget is a lot but the cost of not taking some action will be even higher, ranging from increased insurance premiums (or even refusal by insurance companies to provide cover); the indirect costs of disruption; through to the cost of property buy-outs and writing off uninhabitable properties.

I have read the average cost of a house in Tamaki Makaurau rounds \$1 million per property, the cost of doing nothing is much higher than a \$1.65 billion budget.

Rates go up and where is that money going?

The general feeling is that Auckland City is neglected and deteriorating.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

'Who is responsible for stream maintenance? For removing drains obstructions?

Is this the citizens responsibility or that of the private land owner?

How will it be managed and enforced in the future?

It seems that a number of properties might have avoided the worst of their flooding had proper maintenance been done.

- Need to expedite proposed moves at a national level to require consent to release stormwater into freshwater spaces (as dictated by te mana o te Wai – the mana of water policies - being promoted by the Ministry of Environment)

- When identifying at risk areas, to consider not just historical flood plains but increased flooding risks introduced by future climate change events (more rainfall).
- Further development and implementation of “sponge city engineering” methodology, including replanting; more ponds; encouraging or requiring planting along stream banks to slow the flow of streams; stream maintenance and the introduction of quantified permeable land areas in relation to intensified land coverage
- Consider increased risks of slips due to land reaching peak water absorption capacity and become unstable.
- Better interaction between council, the local board and the community that chose them.

We need to feel that they represent us.



Storm Recovery and Resilience Consultation

#1935

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minor flooding due to activation of known overland flow path.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

I support in general the Blue-Green initiative to make space for water in the urban area.

However, I am opposed to Council buy-out of flood-prone properties that are not part of a community flood protection initiative, where:

- the flood problem was known or should have been known at the time of purchase by the present owners (e.g. notation on title, flood or overland flow hazard on GeoMaps). The recent frenzy to "get on the property ladder" has led to some unwise decision-making which the ratepayer should not now be under-writing.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1946

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My place is well located on a not too steep hill with the estuary at the bottom. The whole street has also good stormwater collection and evacuation. On the other hand friends and neighbours around the corner got severely affected by sewer pipework and sewer manhole overflows. What is surprising is, that these particular points in the network have been known for a few years now (i.e. too flat layout of gravity pipes, popping up of unsecured sewer manhole covers, etc). But still even 6 months after this special 2023 event nothing has been done.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Helping each other in the community. There was not much to be seen coming from Council or large infrastructure companies (e.g. Watercare)

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

The implementation of a true and comprehensive stock take of what has happened where and why. Where were shortfalls? Why was Auckland not prepared for this? Currently the tiny Switzerland is experiencing similar storm events as we had in January. Why are their houses not flooded? Their motorways? Their shopping centers? Mainly because they have sized the stormwater discharge infrastructure correctly. And they also have an effective and adequate (size, locations, communication) system of emergency response. All this is very much missing in New Zealand's largest city.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

There is a abysmal lack of comprehensive city planning in Auckland. Building consents, roading, stormwater and wastewater conveyance, type of housing, housing intensification and the increasing and ever faster reduction of permeable surfaces all goes into the totally wrong direction. In fact there is NO overall direction. Every developer can do what he wants - it just has to indicate he is happy to go to the Environment Court to get his way. Auckland city development is stuck in old way thinking, old technologies, old way intensification. Even "novel designs" taken over from Europe are in fact solutions from the middle of last century. It is very, very discouraging to again and again see how decisions are taken on political reasoning first and foremost instead of based on a sound town planning, engineering and environmentally sustainable basis.

6. There are nine possible initiatives outlines 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?

From my position of an experienced environmental engineer I consider every one of the nine proposed initiatives to be purely window dressing and a very poor attempt by the local authorities to do "something". But without changing anything fundamental, which could get too expensive or disrupt peoples' or developers' life.

None of the proposed initiatives takes truly into account that current way of implementing infrastructure and housing has to be immediately adopted to changing climate conditions so that if further or more severe storms arrive Auckland city is able to resist.

Instead of the above a few simple (but expensive) initiatives should be implemented:

- > Sewer and stormwater networks should be separated everywhere in Auckland (forget arguing with the Central Interceptor as this is a drop in a large bucket).
- > The requirement for permeable surface of at least 60% of the land area should be mandatory for ALL developments. No "but" or arguing allowed. If the land area is not available, the land cannot be built on. Simple. Pools, tennis, playgrounds, parking, etc: Every surface, which would be covered and become impermeable, would be taken into account under this rule.
- > Roothing in the city as well as in the suburbs shall all be upgraded - when renovation becomes necessary - with the new type of permeable asphalt. And it should in the same time be made sure that the soil under this road can in fact absorb the water passing through the surface.

> Above ground telephone, internet and power lines should be put underground as it gets upgraded. No new lines should be installed above ground. This may not address stormwater concerns - in fact putting these cables underground need good solutions for them not to get flooded. But it address NOW problems, which will come over the next years: with heavier storms, hurricanes etc as we already see them in many other countries this year.

> Keeping stormwater discharge pipework, streams, stormwater overland flow paths well maintained and non-constructible is the basics of good storm flow management. What recent events have shown is, that neglecting this work because a lack of funding or the opinion that "it's only for a 1/100 years flood anyway" is no longer acceptable. Instead any sizing requirement for flooding and stormflow evacuation and the building of new houses should now already change the standard 1/100years conditions to become the new 1/10 years storm flow condition. Only then, when faced with the resulting "impossible" situation that it just gest too expensive and too hard. Only then will intelligent ideas and solutions be developed and the requirement for the implementation of some of the above basic rules become clearer

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Auckland city should put in place a group of experienced engineers, including town planners, stormwater, wastewater and infrastructure (and others as needed) engineers to form a "wise" group to advise Council how to upgrade, advance and prepare Auckland city for the climate change events we can expect over the coming years. This group should have a right of veto on all projects related to the city development (housing infrastructure, etc, etc) if they are deemed to steer the city in a direction of higher risk of flooding and damage from storms and other natural events. These engineers should not come from a single consultancy or be directly implicated in any large project, but they should be acting independently as overseers. They should not be "rubber stampers" for Council, but Council should listen to them and act according to sound engineering advice less than politics.



Storm Recovery and Resilience Consultation

#1966

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Your feedback

Local Board: Maungakiekie-Tāmaki

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Waddell Ave itself was unscathed although a full catchpit caused water to run down to lower part and blocked grates. Too many cars in the street prevented flow along the Kerbs as well. Elstree avenue has a draw near Oamacu stream that is causing severe flooding in heavy rain. Taurima reserve did its job as soakage area.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

As we were little affected life carried on as Normal. I rang council re emptying of catchpit which was done about 4 weeks after requesting it.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To Prevent and minimize possible damage, I would like to see: Mowing of berms more frequently (facilitate water flow), Sweeping of Kerbs monthly (notify residents so to avoid cars parked) and street is kept clear, Cleaning out of Grates and drains (lots of rubbish in them) monthly.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

See above at 4. These are relatively cheap /cheapest actions that do not require expensive/new equipment. Also do not build on open spaces/reserves and no more intensification which leads to overload of stormwater/foul water infrastructure with ensuing pollution and damage to Properties and roading network (sinkholes/potholes etc.)

6. There are nine possible initiatives outlines 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?

Initiatives 1,4,6 is most important and cheaper than initiative. 5) Stream Rehabilitation especially will overlap largely with 7) Re; costings: \$400 million to improve service levels seems very high. There should be transparent tenders process for maintenance contracts and costs should be made public to rate payers. To avoid misuse of ratepayer's money e.g., traffic management/cone contracts that are gravy train for preferred providers.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Review of intensification rules if developers like to build in flood risk/prone areas then they should be required to demonstrate how to mitigate flooding (appropriate infrastructure at their cost) so council/ratepayers do not have to finance their inefficiencies in the future. Same goes for roading, culverts and bridges.



Storm Recovery and Resilience Consultation

#2

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

preperation works by council on seawall gates and drain clearage meant we were uneffected other than keeping drains clear of debris throughout the storms.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By adopting a building plan that includes appropriate infrastructure to cope, along with maintaining enough green spaces to soak up water

6. 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?

good start

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#42

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Transport failures, Lack of council supplied drainage in Penrose.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Drilling my own drainage.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that drains were being cleared and unblocked regularly. A metric to show the status of the ongoing maintenance.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Unblock drains and clear waterways consistently.

6. There are nine possible initiatives outlines 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?

1. Measure everything before making changes.
2. Don't do them all at once
3. Measure the same things after the changes.
4. Report on the changes.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Communicate with users of property to clear their drains regularly.



Storm Recovery and Resilience Consultation

#54

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not at all

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Community

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Regularly clean tree lined streets

- 6. There are nine possible initiatives outlines 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?**

Get on with it

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#58

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not badly thankfully.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The kindness of strangers - everyone has certainly pulled their weight.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Peace and assurance that this wont happen again in such dramatic ways.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I don't really know

6. There are nine possible initiatives outlines 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?

They look reasonable and obviously a lot of time and discussion has gone into compiling them.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#62

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our house was flooded (not badly) which meant we had to get new drains created to be prepared for future weather events

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Biggest thing was our household having the ability to work in our own home rather than waiting for contractors to fix anything. It meant that when the second event (cyclone Gabriel) came through that we didn't get any more flooding.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A full schedule for the summer months of activities for the community to go together

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Making sure the drains are cleared and ready for when heavy rain is forecasted

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#68

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We weren't

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Realizing that there were many many people worse off

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Everything being better than before the storm.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Carry out the plan

- 6. There are nine possible initiatives outlines 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?**

Looks well thought out.

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#89

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

NA

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

NA

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

NA

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better drainage

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#143

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Yes Portland Road Flooded.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I cleaned up all debris from the street, footpath, and berm and put in heap at front yard.
Contacted AT to collect, they passed on to AC, still waiting to be collected.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Get clean up teams to work ASAP

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Help prevent the flooding by continual maintenance of watercourses, culverts, catchpits etc.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Everything requires ongoing maintenance. I suggest AC reverts to their own dedicated workforce as it used to have. Corporate Contractors are not doing the job that they are contracted to do and quite frankly are taking the Council and Ratepayers for a "ride" .



Storm Recovery and Resilience Consultation

#185

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The membrane on the roof came loose and had to be secured by the fire service

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We need bigger stormwater drains and the need to be cleaned regularly. The streams and waterways should be cleaned up regularly as well. The Building Act should be amended so new built house have to have wider gutters, wider down pipes and a water storage tank for stormwater.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#197

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I wasn't personally affected significantly - our home/property was OK, and my family were all at home safe. But many of our neighbours had their garages flooded, and just down the road there were major landslides. In the runup to the second flood I tried to buy bottled drinking water from the supermarket but they were sold out.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Local community facebook networks, conversations with others before/after school pickup, everyone mucking in, specific information/checklists about what to do for next time. Eg. clearing gutters, ways to store water etc...etc...

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Peace of mind that our homes are safe if it happens again - this takes more than planning for an immediate emergency. It requires longer term thinking and action e.g. putting in an

extra drain, planting more, creating sponges/constructed wetlands/planting in local reserves etc...

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Community level action and funding - not just planning/development of unread documents by local govt. Transparent but facilitated discussions about 'what if' scenarios - if this climate scenario happens, will our community beat a managed retreat or fight? If this disaster happens, where to go? Where are the people and places in our neighbourhood that are vulnerable and that we need to protect? Access to experts who can help and advise. Organised days for community projects in parks etc... (similar to restoration planting efforts - are there projects we can all chip in on together?) Better planning/alternatives/backup plans for when the public transport network goes down - lots of people were stuck and couldn't get home. Local areas should have a 'little black book' for recovery services, drainage/plumbing/planting work etc... Remuera Facebook group has one like this, and Meadowbank Easter Suburbs Wonder Women often has people listed who are recommended by others in the group. Also a 'what now?' guide emailed to all ratepayers or dropped into letter boxes as soon as possible with the bones of how to go about claiming insurance, cleaning curtains and carpets, who you should notify, what to do not to do. Local 'wardens' group (for want of a better term) - ie the go to people in each area who you can call for support, and who can be quickly linked into the system. The people who will knock on doors if people are worried about someone, or drop around a bag of nappies, or give you the number to call. Programmes that build understanding of the role that ecological balance plays in our resilience to climate change and extreme weather events...

6. There are nine possible initiatives outlines 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?

OK but only if cost benefit stacks up and decision-making criteria aren't ideologically skewed.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Don't know.



Storm Recovery and Resilience Consultation

#209

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minimal effect. Had to drive through surface flooding, but appreciate we got of lightly.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I would like to see the roads swept, and drains cleared. When I am out walking I see drains blocked with branches, leaves, dirt etc. I kerb side drains filled with 25mm of dirt growing grass. This is clearly not going to help with drainage and surface flooding issues.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Bring and keep kerbside drains up to standard. I should not have to clean the kerb outside my house to ensure it drains properly.

6. There are nine possible initiatives outlines 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?

Start with the simple stuff. Keep the kerbs/drains clear. I shouldn't have to wade through 150mm of water on a footpath because the drain is blocked with leaves.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Ffs. The answer is obvious. Spend less time sending out surveys out to people who have no idea, and more time out cleaning the drains.



Storm Recovery and Resilience Consultation

#212

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Had to work from home for a few days so not much at all. Clean the drains a bit more and there would be no problem.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Watching the council desperately clean all the stormwater drains they haven't touched in years despite them blocking in even light rains.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not sending out alerts every time it rains...

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Did you see I wrote clean the sormwater drains earlier? Well do that before the flooding, if you plan it in as a regular activity that would be great..

6. There are nine possible initiatives outlines 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?

Its a lot of money and Id prefer you dropped the rates. Now you on the cost of rates, who have I been sent a stupid compost bin when i compost already. You really do spend money like it grows on trees.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

TL:DR, Does it say anything about cleaning the existing stormwater drains? How years of not doing that makes them not work very well.



Storm Recovery and Resilience Consultation

#213

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was shocked that my colleague David Lennard died in a landslide on Shore Rd Remuera.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I have evidence of people on Shore Rd saying that when the last lot of flooding and landslips happened on Shore Rd in 1997, they had been telling the council for 50 years i.e. since WW2, that there was a water drainage/landslip/ landslide problem with the houses on Arney Rd above Shore Rd. But this didn't stop Auckland Council from granting resource consents for property owners to build on the cliff edge.

Deputy Mayor Desley Simpson has said this must not happen again.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

That Auckland Council accepted responsibility for wrongly allowing resource consents to be granted to property owners wanting to subdivide their properties on the edge of what is essentially a cliff face over Shore Rd. Also Hapua St.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By Auckland Council doing proper annual maintenance on catchments, culverts, drains, waterways, and clifftop properties, education of the community through local boards about problem areas in their communities. Employ more engineers who can assess these problems.

6. There are nine possible initiatives outlines 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?

Why isn't Portland Rd / Shore Rd included in this?

On the 27th and 28th January 2023 Auckland was subject to very heavy rain which flooded many parts of Auckland, including Remuera

There are Remuera properties that have designated Special Ecological Areas and flood plains and are subject to coastal erosion which have been upzoned.

Portland Road, Hapua St, Shore Road through to Orakei Road have been subject to landslips and flooding over the years as water has flowed down the northern slopes to Hobson Bay and the Orakei Basin.

In Remuera's ward, Ōrākei, there are 35 red-stickered homes, 62 yellow and 196 white

The bi-partisan government mandate forced councils to accept three homes of up to three storeys on most sites (3x3), regardless of whether the infrastructure was in place (Mayor Wayne Brown NZ Herald 1 March 2023)

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes, Auckland Council Planning Dept to acknowledge their need to have more engineering / geotechnical input into resource consents for development and maintenance.

31. Remuera residents with flood-damaged houses consider next steps

The owners of some of Auckland's most prestigious cliff-top homes are meeting to hammer out a plan for what to do about their crumbling houses. When torrential downpours battered Auckland, a landslide on Arney Road, Remuera made several homes, including mansions red-stickered.

Now, owners have come together to hammer out a plan. ***** owns one of the red-stickered homes on Shore Road - she said neighbours had come together to formulate a plan.

"Everyone's like us, we've been trying to get our lives back together and find somewhere to live...

"Now we're turning our thoughts to where to from here? But there's no clear path or options."

She said she had been through this before... 26 years ago. "It's not the first time we've had landslides.

An Arney Road resident whose home was flooded by the 27 January deluge said he had raised the issue with council years ago, but nothing was done. Richard Flower said flood waters flowed from Arney Road down to Shore Road every time there was a downpour.

"We've written letters through lawyers to council for several years now," Flower said.

"Flooding on Arney Road has nowhere to go but down and it comes down on Shore Road.

"How is the council responsible for controlling storm water from up above which is now causing these enormous erosion problems?" he asked.

Martin Brook is a University of Auckland associate professor of Applied Geology and he went to Shore Road to check out the damage. He said laser topographical mapping - called LiDAR - gave details down to the centimetre on the Shore Road landslip. "You can see all along on this cliff crenulations of old landslides which may be pre-European, it's very weak." Relocation could be a solution, Brook said. "Relocation, or managed retreat - that can be used and it has been used in New Zealand on a large scale before," he said.

In Remuera's ward - Ōrākei - there are 35 red-stickered homes, 62 yellow and 196 white.

Auckland Council said "Our Healthy Waters team is not aware of any flooding issue in this area that would be implicated in a landslide".

Source: RNZ 5:29 pm on 1 March 2023 by Mohammad Alafeshat , reporter

<https://www.rnz.co.nz/news/national/485089/remuera-residents-with-flood-damaged-houses-consider-next-steps>



Storm Recovery and Resilience Consultation

#218

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We weren't affected but a slip nearby cost someone their life

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Keep up maintenance on clearing drains

Don't build in flood-prone areas unless drainage is improved

6. There are nine possible initiatives outlines 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?

Sound reasonable

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#224

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Caught in significant rapid rising waters in Mt Smart and Epsom driving.

Minor water in a skylight in my home but has led to major issues trying to get resolved and repaired and correct insurance payout. Insurance payout is less than half of actual cost of circa \$7200. And it's still not finished 6 months later.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

No issues,

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stormwater drains and streets cleaned regularly.

Eg in LA they have no parking signs in streets permanent times eg every second Tuesday of the month 7am-11am for street cleaning and storm water drains sucked and checked etc.

I walk a lot. Many storm drains are filled with silt or in the city with rubbish right up to the grill.

Are we capturing the rubbish like cig butts and bigger at the storm water end point to sea ?
Do we have big nets to do that ?

Revamp the rubbish system for more bins and recycle etc to capture the rubbish that the public drop. Especially 50m each side of every school, all bus stops , including temporary ones, and within 100 m each side of fast food and dairies etc. Eg Pizza Hut etc.

Bins have to take not just cans but big enough openings for pizza boxes etc.

It may seem unrelated but clean the drains but also get kiwis tidy again with pride.

Stop infill housing without planning for how many sewerage and storm drain connections there are. Designed for one house suddenly now taking 4-6 houses.

Same issue flows to power and phone and data connections.

The point is there is flow on impact.

6. There are nine possible initiatives outlines 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?

We have to upgrade infrastructure and rates is part of that. Just make sure it is well Planned and executed. I'd prefer good infrastructure and smooth running clean city versus more community facilities - at this time

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#250

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not much

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

N.a.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N.a.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop building, Auckland is extremely dense already. Bring back the street cleaners, too much leaves blocking the drainage

6. There are nine possible initiatives outlines 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?

No more increase on rates please.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

As I have already mentioned, stop more building and have the streets clean regularly to keep leaves off drainages



Storm Recovery and Resilience Consultation

#298

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Where I am located is a older part of Auckland where flooding doesn't seem as bad. Also water flow across property avoids buildings and drainage worked well. So reviewing areas that don't have flooding can help advise for those that Do. Also these areas should be a focus for future densification so as to avoid building in flood prone areas

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

While not affected directly I think regular communication and clear direction and timeframes would be what I would want if affected.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

While not directly affected I would think getting back to a normal routine without having to spend time on repairs or recovery and not worry the next rainfall while be the straw that makes my place unliveable

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Early warning systems. Self monitoring processes where people are informed about what level a stream or rainfall will mean exactly for their neighbourhood or street so residents can see when it is unsafe and evacuate even before being informed by officials. Clear plans widely communicated in advance about what to do and where to go if have to evacuate.

6. There are nine possible initiatives outlines 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?

Great initiatives but missing focus on smaller water catchment like rain gardens or soak pits or the like which could be done at a residential level to help mitigate flash flooding

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Add focus on smaller water catchment like rain gardens or soak pits or the like which could be done at a residential level to help mitigate flash flooding



Storm Recovery and Resilience Consultation

#299

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My property wasn't affected, however my community was affected mildly. There was quite a bit of flooding in the flat area below the hills where the shops are - so they had to put sandbags up and close for a couple of days. There was a bit of debris from the wind and flooding but not too much damage or anything - just a real annoyance.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Always be prepared for extreme weather - keep an eye on the weather forecast

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

some anti-flooding infrastructure being built in the community

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

just be prepared with the necessary things at any given time in case of a flood or extreme weather. Some specific infrastructure would be good too

6. There are nine possible initiatives outlines 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?

I wouldn't want the rates to be too high, I'm sure people are willing to contribute some, but not tonnes, because these are expensive times

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#326

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We were lucky enough not to flood but my family had some issues where they had to fend off rising waters. And a friend down the road suffered flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

That we're doing things to prepare for future events

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Create better storm water systems, re-vegetate spaces to deal with water absorption . Put urban planning rules in place around people having to have grassed areas and trees in new developments and intensification spaces to deal with water

6. There are nine possible initiatives outlines 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?

I think they are all great. Especially the green blue spaces

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes. Planning rules around development intensification and commitments to green space within in full housing. Or limits on how much concrete, non absorbing materials can be used in outside spaces



Storm Recovery and Resilience Consultation

#340

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Local flooding and slips caused transport issue. Flood water entered our neighbours homes.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The support for the local boards and community centres

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Visible clearing of drains and culverts where flooding had occurred. Removal of slips and repair of roads

Faster insurance pay out and fixing damage.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

More regular clearing of storm drains and culverts through regular road sweeping and maintenance

Self help guides on homes can prepare. i.e. check drains, where to get sandbags and where to put them

6. There are nine possible initiatives outlines 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?

The only thing I couldn't see was better regulation of new housing builds to ensure they cope with major storm water events. With the amount of infill housing there is less ground drainage and a lot more run off.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#350

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minimal impact - road closures, facilities closed

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Insurance

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing roads eg Tamaki drive repaired and reinstated - still cones, barriers etc... where there was slips and damage

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Make and enforce drainage and coverage rules for developers - the infil lhousing, destruction of green areas , lack of permeable surface as dvelopers cram too many properties on a site is well out of hand... undo what you have done here....

6. There are nine possible initiatives outlines 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?

They are all reactive and will not be be successful - You need proactive measures - for example what about ensuring developments and renovations are required to provide adequate drainage and that existing properties need to be brought up to standard

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

See comments above proactive assessments of sites - many housholds and businesses have inadequate drainage and need to be upgraded



Storm Recovery and Resilience Consultation

#353

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Stormwater flooded drain outside our house which affected street

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Council would keep drains cleared

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council take responsibility instead of passing on anything that's difficult

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Keep drains cleared

Clear slips quickly

Have "what if" plans in place...not that hard!!



Storm Recovery and Resilience Consultation

#365

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Substantial flooding in the area. No damage to my home but significantly reduced ability to get around and visit affected family members.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Money, insurance, back up plans, ability to provide help and emergency transport for family who had lost access to transportation.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Return to normality

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better warning systems, more police and emergency service presence. Better flood run offs, less intensification of housing, more green space to absorb water, higher flood barrier systems. Spend the ridiculous money being allocated for light rail on flood measures.

6. There are nine possible initiatives outlines 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?

Spend the money being allocated for light rail on flood measures. This would be far better for the community.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Spend the money being allocated for light rail on flood measures. This would be far better for the community. Better warning systems, more police and emergency service presence. Better flood run offs, less intensification of housing, more green space to absorb water, higher flood barrier systems.



Storm Recovery and Resilience Consultation

#373

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

A house collapsed, and the nearby road was closed because of it.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not sure. However, it was great to see the road reopened again

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not sure.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Not sure.

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#381

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our house was flooded in Parnell

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Insurance with no help from council who has hindered the rebuild process and still charging us rates.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

For the rebuild to be complete and that we can have assurance it won't happen again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Maintenance on our infrastructure. Regular Clearing of drains and sump holes. Removal of rubbish and weeds from drains and roadway.

6. There are nine possible initiatives outlines 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?

We shouldn't be paying increased rates when council has not done their basic maintenance. Council needs to get back to basics and stop unnecessary spending.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Maintenance of drains.

Not build in flood prone areas. Buy up flooded houses.



Storm Recovery and Resilience Consultation

#390

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Apart from the flooded roads in the Otahuhu area on my journey to work, the garden of our house in Glendowie flooded to about 1m at the boundary, about 30m from our raised deck.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Council accepting some responsibility for the storm drain/creek at the foot of our property.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Don't cry "wolf" every time there is rainfall. But ensure that MetService have provided the necessary information in a timely manner and that if really necessary, broadcast in media the situation.

6. There are nine possible initiatives outlines 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?

What about streams that are on private land and are blocked ? who is responsible ? There is no plan that I can see to ensure that these streams are kept clear and able to handle extraordinary flows.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#404

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

It was distressing and disruptive for us.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing I can think of.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

If all the roads that were under water were raised up.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better management of the flow paths. Stop developers from building houses in low lying flood prone areas .

6. There are nine possible initiatives outlines 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?

It is not fair to make us all pay to compensate those who bought houses without doing their due diligence. Why buy out those owners? They made the mistake, not us.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Kianga Ora need to stop building in flood plains and low lying areas immediately. Not when it suits them.



Storm Recovery and Resilience Consultation

#471

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We had our house basement flooded multiple times this year. Our house and neighbours also had sewage overflow.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Nothing really

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Watercare or Auckland Council actions to prevent further sewage overflow or at least a clear plan of actions.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Design stormwater and sewage system in a way to handle the load.

6. There are nine possible initiatives outlines 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?

I'm not sure how much it can help with overcrowded old areas of the city. As far as I understand, the system here wasn't designed to have so many houses, people living in them and such climate changes. There are a few measures in the proposal which, I guess, can improve the situation for us. However, it would be great to see something more targeted.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

As mentioned above, storm water network upgrade sounds reasonable.



Storm Recovery and Resilience Consultation

#474

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding to garages, outdoor areas inundated, roads running with 200mm-deep water, very little or no communication around what to expect or how to behave.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We have developed a tighter bond between neighbours and look out for each other more. I keep an eye on kerbside drains and try to keep them clear of blockages.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We're okay now, but would like to see some proper investment in flood management and mitigation. If that means higher taxes / rates, go for it.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Please take far stronger measures to enforce new developments to cater for flood management. If this slows down building and makes it more expensive, that's fine - it's essential to do this correctly and take the pain now.

Also, increase taxes and rates to carry out remedial work to infrastructure. This is going to cost billions, and it will only get worse / more expensive if we leave it.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#514

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Nearly had flooding on property due to run off from neighbour's property. Managed to make pathway for waters to go.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

We have made alterations to section and to guide overflow of water to drains and onto neighbours properties.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Stop infill housing and consenting floodplains and low lying areas

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Up grade water flow systems, clear out choke points in waterways and have communities clear leaves from roads and drains in suburban areas with the help of council.

6. There are nine possible initiatives outlines 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?

Rates can not pay for everything, government assistance will be needed as Auckland the engine house for New Zealand.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#535

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Neighbours ground floor/basement flooded, roads closed, i had water dripping in at a window never effected before, obviously had to wfh, buses cancelled, worried if roof was ok

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Good comms, good neighbours

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

All roads open again. Damage fixed in public spaces

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

less hard infrastructure/stormwater infrast, resiliency in the system, design for 300y events from now on

6. There are nine possible initiatives outlines 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?

they seem sensible but i do wonder about the expectation that it will "fix" things as climate change will continue to test us & our systems

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#543

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not really affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Speaking and being supported by local and the national government

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Make more annual emergency evacuation drill about the risks impacting or may impact Auckland

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#549

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I have been flooded 10 times since April 2022, and tested positive for ammonia.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Nothing as tried with Auckland Council and Water care and they denied it was any problem of theirs and pushed it onto each other. And even to the fact of getting a LOGIMA and an Ombudsman which came to more red tape and resolved nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not to have sanitary napkins flowing down driveways and streams, increasing stormwater pipes/replacing them. No new builds until infrastructure is upgraded. Taking responsibility for issues and problems that have come to the surface through neglected assets.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stopping new builds until Stormwater and Grey water pipes have been upgraded to be able to cope.

6. There are nine possible initiatives outlines 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?

As Auckland Council have neglected all these assets for so long I feel it should not be put on Aucklanders rates, as I have talked to Water Care and Council Techs and they have informed me that these are all well-known issues with the infrastructure.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

FIXING THE INFRATRUCTURE BEFORE GIVING BUILDING CONSENT, make it part of the consent that they have to upgrade the system to be able to build on the site



Storm Recovery and Resilience Consultation

#552

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

so lucky - streets slightly slope away from us

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

no local requirement

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

checking kerb grilles more frequently

- 6. There are nine possible initiatives outlines 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?**

fine

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#584

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

our house was fine, however being on Shore road, access was hard - during as well as for weeks after. As well a massive tree fell across the creek, which we reported. It impacts the flow of the creek and risks the water spreading onto private property. It was reported in Feb and remains there. Council say they can't do anything as it falls into the waterways, Watercare say it's a council thing. Both have emailed to confirm its been resolved and advised it hasn't and still nothing is being done.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

great neighbours and we all look out for each other, and collectively have cleared drains, etc

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

various businesses tasked with infrastructure ie. Watercare, Vector, Auckland Council - being more available via phone, and amenable to help rectify things

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Have a plan in place with stages, instead of "knee-jerk" reaction, and also not overly alarming people, ie every time the wind blows suggesting people don't use the bridge - have "staged" advise readily available

6. There are nine possible initiatives outlines 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?

Am strongly in favour of improving our storm water infrastructure. I believe that there are currently so many inefficiencies around spend to upgrading infrastructure through the process of sub-contracting that millions or even billions could be saved with robust, effective and efficient tender processes. (Was horrified to learn what it costs to install/create a speed bump, not to mention the cost of all the cones in Auckland - our health and safety is strangling efficiencies and coffers)

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

get each community involved in the improvements, to create ownership and make it happen quickly but by empowering communities and individuals that will be more likely to happen. And fast track sign offs, streamline, simplify - focus on end goals



Storm Recovery and Resilience Consultation

#610

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Street flooding. Land slips in the valley behind Selwyn College.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Keeping street drains cleared.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Street drains that are clear .

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Be sure public and private spaces have places for water to escape.

- 6. 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?**

To come

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#645

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Relatively little impact as we had decided long ago to buy a property away from floodplains, cliffs and coastal plains.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Having the roads cleaned up fairly rapidly was a big help.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Homes at risk should be purchased over time to reduce large costs to the community in the future. We all pay.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Low lying and coastal roads and those on unstable or hilly areas should be abandoned or re-engineered. Housing should be intensified and more parks to soak up water spotted around Auckland. Auckland should look at making most of the city carless.

6. There are nine possible initiatives outlines 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?

Good ideas but budget is too low. Rates should be increased as well as borrowing. Spending a dolloe now will save 1000 by the end of the century.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

One simple thing is to plant all the road berms. With low height water absorbing plants. See Portland Oregon for example.



Storm Recovery and Resilience Consultation

#653

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

houses in our near vicinity were flooded...one catatrophically

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

self help

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

action to reduce carbon emissions. steps to mitigate future damage

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

action to reduce carbon emissions

- 6. There are nine possible initiatives outlines 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?**

no I support what is proposed

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

reduce carbon emissions



Storm Recovery and Resilience Consultation

#656

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My local area was OK as it has larger sections and lots of parks with grassed areas. But I found it difficult to get to work as I travel through flood damaged areas So was affected by the road closures.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Information on hazards and road closures. Clear communication about where help was needed, i.e contributions to flood relief funds.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Prompt cleanup of leftover debris.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop allowing medium density housing everywhere as this means more concrete and less grass. Park design needs more thought. Waterways need better maintenance, e.g rubbish removal, tree planting.

6. There are nine possible initiatives outlines 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?

I am NOT keen on yet MORE rates increases while there is so much waste in council operations. Also what happened to the Auckland petrol tax money? The climate change rate? The water quality rate? Why are these not being used for this work? We have had huge rates increases the last few years and yet every 'initiative' requires more. This is unsustainable. Emphasis needs to be put on affordable solutions.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

The medium density housing rules and the drive to increase density all over the city needs a serious rethink. Our area did not flood because there is more grass, more gardens and more open space.



Storm Recovery and Resilience Consultation

#676

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I wasn't.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I have not needed assistance.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Just knowing I can turn to people or organisations, if need be.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Just be aware.

- 6. There are nine possible initiatives outlines 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?**

I think all of them are sensible.

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#681

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Water displacement from neglected stormwater, and an assortment of plastics & PPE blocking drains & polluting water ways.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

I don't know

3. In the months following the storms, what has helped you and your community get through?

Some drains have been cleared but everyone acts independently, i looked where the water flows and prepared to block front entrance from flooding.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Land owners need to consider the water table & surface water flow channels when landscaping or rebuilding. Not a single big project engineer or town planner, developer seems to take the weather (water) into account. ?

AMA about this i got dozens of examples. all local

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Incentivise waste recycling = clears stormwater drains

limit felling if trees on slopes for soil retention.

Plant water hungry native grasses, shrubs on open hills that can act as water catchments filters. Top down regeneration.

6. There are nine possible initiatives outlines 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?

ridiculous amount, free up space for recycling Hubs. = saves council \$

less money on waste management

ALSO less dumping on public space from

Landlords, Agents Cleaners & Tradies

& displaced renters.

(whats the council spend on clean ups of illegal dumping per year ? 🤔)

& how much has been recouped by the \$400 - \$30,000 Penalties ?)

Incentivise good household & community practise by offsetting rates with "tokens" Rate payers can use to Pay rates or contribute to build local community projects.

ie Navite plant regeneration areas.

Kinds playgrounds.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

IDK plastic wrappers, N95s, KFC, Mc Donalds assortments of disposable vapes end up in storm water. AT has zero BINS at some of the busiest stops in weather exposed areas So some Bins at Bustops thats a start, "Tidy Kiwi"

same can be for the bike paths, Zero Bins from GlenInnes to Orakei No amenities either.

the solutions are all there, & it can pay for itself or at least be trialled to measure that metric.



Storm Recovery and Resilience Consultation

#738

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Nothing really ourselves. A little water underneath the house, a bit of traffic disruption. Two or three houses up our street had basements flooded and one house a few streets over was yellow stickered with a slip when retaining washed away.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I know myself and a number of local dads esp were out and about helping with the basements and digging water courses

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing needed.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop new and in-fill housing until infrastructure can catch up. Find contractors that will actually carry out the maintenance on what we have got. Find designers and engineers that have the foresight to design for the future.

6. There are nine possible initiatives outlines 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?

No - Great short and precise document with good practical ideas.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Roading/footpath design that directs water to the right place.

Driveways and other impermeable surfaces needs to be decreased and monitored better on both private and public property.

Hard Landscaping esp on private property needs to be looked at given how a small landscaping change to a neighbours property can completely change the way the water flows.



Storm Recovery and Resilience Consultation

#755

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minor water influx in our flat, work and travel was disrupted, the airport closure meant I was stuck in Wellington during the Cyclone.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Seeing positive messaging, seeing commitments from government and council to make changes in the future.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Future changes and resilience plans to mitigate the impact of these events.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Building green blue spaces as suggested, improving storm water facilities, considering managed retreat from flood plains.

6. There are nine possible initiatives outlines 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?

I support the initiatives. The cost will be much less than dealing with flood damage year after year.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#759

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Roberta Avenue - Riddell Road junction was water logged.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better care for our city, it's natural environment.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We need to put a check on our greed - too many houses & concrete/paved areas around the new builds. No space for water to seep through to the ground. Lesser trees, giving way to buildings or roads. People's greed for space - they convert their garage into storage or liveable space & park cars on the road, leading it to be affected by the floods. Cars should get back into the Garage/Car port. Rich people's greed for views building large houses on the cliffs, removing local vegetation or trees, making the soil unstable.

6. There are nine possible initiatives outlines 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?

Greed of home owners, investors, real estate agents & the rich are going to cost common man more through rates. Poor initiatives. No alignment towards sustainable living.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Instead of concrete or paved spaces around houses, make lawns/porous spaces mandatory. Levelling of slopes to be restrained - build homes in line with the natural terrain not by removing trees & natural vegetation and levelling the whole locality to build homes. Make green space area per home mandatory. Parking on roads/streets illegal like in Singapore. Cars to be parked in garages or car ports to avoid vehicles getting dumped on the road, leading to waste accumulation & drain access getting blocked. Mandatory number of trees per number of homes for sustainable living.



Storm Recovery and Resilience Consultation

#796

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I assisted with several flooded houses and was also involved in property cleanups. No personal damage/issues outside of local area road closures etc

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Just getting on with things

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Having Tamaki Drive back to the way it was - instead of it sitting unresolved for 6+ months.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better awareness prior. Better wastewater management.

6. There are nine possible initiatives outlines 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?

No. Just get on with it.

Having experienced the disconnect between Council and Watercare when dealing with a local pipe issue, I would like to highlight the need for a "Find a fix" attitude rather than the "not our problem, speak to them" (x2) response that I've dealt with.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#802

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Apart from a few small damage to our home and garden, we were not badly affected. We are high up, so get plenty of exposure to wind, but do not (as yet) have a ron-off problem. Nobody in our immediate area seemed to suffer severe damages.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

N/A - slight damage ONLY, but shock and dismay about what happened in other areas of Auckland.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I think number 5 deals largely with this.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

To preempt as far as possible such events occurring in the future, by applying sensible solutions in as much as Council is able to. Stop building on cliff edges or directly below them is obvious. So is keeping storm water drains in tip top conditions, clearing debris from streams, creeks and similar channels. Stop building in or near flood plains, and stop INTENSIFYING houses where the drainage, sewage and roads simply CANNOT COPE with the increased demands made upon it. For example, our roads are tiny - there's nowhere for all these new residents to park.

6. There are nine possible initiatives outlines 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?

We're already taxed to our eyeballs. Although I understand the reason for increasing taxed in this instance please don't keep adding to our COL. Consider carefully and get it right first time.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

See number 5. Perhaps all these points have been included in the plan already? I hope so as they're pretty obvious. But keep on encouraging people to live in a more sustainable and environmentally friendly way. The new Food Scraps Bins are a step in that direction....but we have a long way to go. We cannot JUST focus on management of the problem, qw must act proactively. There's loads of literature on the climate emergency.



Storm Recovery and Resilience Consultation

#815

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Land slips, trees down in New Market Park and creek flooding due to overgrowth of trees and plants blocking it. Storm drains blocked.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Some areas finally being cleaned up and neighbours checking each other.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Waterways and parks cleaned up properly. Not just half done.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Notifications and warnings to be prepared.

6. There are nine possible initiatives outlines 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?

Concentrate on using our rate money for necessities and not fancy ideas that could be plans for the future.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Keeping waterways clean



Storm Recovery and Resilience Consultation

#832

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Tamaki Drive cliff face slippages were the main observable effects

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

N/A

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/A

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The Seawall on Tamaki Drive may need raising in parts.

6. There are nine possible initiatives outlines 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?

They are overdue.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Clearing stream beds and more stream bank planting to absorb rainfall will help.



Storm Recovery and Resilience Consultation

#849

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

area is hilly lots of drains overflowing but no flooding

damage to roads pavement failure, potholes

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

nothing much

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

road drainage improved

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

local government has primary responsibility for urban infrastructure. which is as it should be. use of loans spreads the cost over the term of the infrastructure rather than loading rates which impacts current ratepayers for benefit of future inhabitants.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#871

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My household wasn't directly affected by the extreme weather events but had family and friends in Auckland, Northland and Hawkes Bay who were affected in varying degrees of severity (minor damage to homes, lost vehicles, evacuated due to flooding in their suburb etc)

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Checking in on each other - we were lucky that we and our closest friends/family were not too badly affected though as no one lost lives or homes. Being thankful it wasn't so much worse (driving through Esk Valley in Hawkes Bay was an absolute wake up).

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Prevent development in areas of high risk e.g. new development in Kumeu or in existing Auckland areas that are prone to flooding. Increase housing density in areas that are the least risky to ensure housing affordability isn't affected by reduced supply.

Have better emergency centres set up and ready to go quickly - e.g. work with local community groups like maraes that know their communities and have the networks to provide support locally and quickly when needed.

Prioritise maintenance of existing stormwater infrastructure rather than building more on the outskirts of Auckland.

6. There are nine possible initiatives outlines 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?

I support this mostly - those of us who can pay more, should do so. But there are many Aucklanders who will struggle to pay higher rates (or higher rents if the rates are passed on through rents). It would be good to see an increase in support/relief for those in this situation.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Your document says one of the four objectives is to avoid creating new flood risks but this isn't mentioned much at all in the 9 actions (apart from maybe the first one?). How do you plan to go about preventing new development in risky areas? There are almost always ways to engineer solutions at a site level but the cost of doing so means you have less money to invest on other things. I would like to see more specific actions to reduce new development in risky areas both to avoid risk to individual property owners and to minimise cost to council and ratepayers.



Storm Recovery and Resilience Consultation

#896

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Had travelled to Mt. Smart for the Elton John concert - and was caught in the flooding in the area. The concert should have been cancelled much earlier

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

A closer tie in between the local authorities and the weather forecasters. (+ better forecasts)

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Having observed drains surcharging into the streets, the capacity of the drainage needs to be increased in certain areas. The capacity of drainage needs to be assessed and increased before additional development and infill housing is built - not after a flood. Permeable area percentages within boundaries needs to be reinstated - as it appears to have lapsed with the infill housing being constructed, this would allow the land to absorb more water before causing runoff into lower areas.



Storm Recovery and Resilience Consultation

#904

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I had a flow of water down the side of property down a tract formed from a previous water leak (which was undetected for 7 months) flowing right through property from Coates Ave above. Some people across street had garages flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Grateful house not affected. Supporting each other

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better identification of water leaks to avoid these ongoing problems

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better stormwater systems and clearing of drains

- 6. There are nine possible initiatives outlines 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?**

The sooner they are implemented the better

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#921

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Personally no flood damage but one of best friends(local) and parents houses both flooded.
Local streets are terrible and getting worse to drive on.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Great communication from Civil Defence, seen more storm water drain cleaning from council.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Peoples houses are fixed properly and when it rains heavily the streets,fields do not start flooding again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council needs to be on it straight away and make decisive calls.

People needs to take seriously their flooding chances and Civil Defense needs to keep reminding us about potential risk and home survival packs.

6. There are nine possible initiatives outlines 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?

Seems like great ideas but lets not spend years talking and not getting it started.

1/2 are most important but 4-7 also important.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#944

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Streets flooded, drains blocked with leaves and other debris and storm water drains unable to cope. Rubbish bins floating down streets and dirty polluted water and sewage overflow flooding urupa and causing stress to landowners.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

People coming together to clear out drains and pumping out water from damaged areas.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Spend money on protecting our green spaces. Too much concrete and not enough common sense from the council around building consents.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do not continue on this mass drive for intensification. Taking away green spaces, allowing huge developments where there are numerous dwellings on a small land area. Allowing trees to be cut down, not protecting drains and waterways leading to the sea. Old infrastructure that cannot cope with all the new dwellings.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Do not allow developers to cut down trees and wash concrete run off down streets into drains that run to the sea. Who approves these building consents? Auckland will pay the price in years to come with continual global warming and more adverse weather events.



Storm Recovery and Resilience Consultation

#967

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Contractors finally undertaking maintenance of stormwater systems and community clearing roads and drains

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Contractors carry out regular maintenance and assurance property owners will be made responsible for doing their part. More enforcement of existing rules

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Engage more enforcement staff, take more action and to ensure the private owners comply with the existing bylaws, consent notices, encumbrances and other requirements on Titles. Require the contractors to actually carry out the contracted work

6. There are nine possible initiatives outlines 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?

The flooding occurred in old areas not those following existing Engineering and Building Codes and practices.

The initiatives a too expensive and over the top.

Simply increase enforcement action, ensure streams are cleaned and flowpaths maintained and Council enabled to carry out maintenance.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Personal responsibility



Storm Recovery and Resilience Consultation

#1003

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Local flooding & land slips, damage from strong winds

Trees down

Leaking roof

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Help from family and friends

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

All repairs completed

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better weather forecast and more advanced warning

6. There are nine possible initiatives outlines 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?

Individuals need to take more responsibility for what and where they build.: not everything should be left to Council officials

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

More properties should be equipped with water storage tanks... this includes retrofitting to existing properties.

All new buildings should have to be fitted with water tanks



Storm Recovery and Resilience Consultation

#1004

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Very slightly with damaged carpets

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The communities pulling together and wonderful people supporting those less fortunate

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Compensation for totally damaged houses where the owners can no longer live in them or sell them

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Guide owners to how to safeguard their properties with heightened bases to their houses and diverting water tracks to go around rather than through houses

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1020

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Other houses and nearby streets in my neighbourhood were affected by slips and floods. I live in an area affected by over-intensification and multiple building sites underway. I saw soil and clay from building sites washed into drains and local wetland/waterways becoming "silted" as a result.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

People helping each other clean up and get back to normal.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To see a sensible planned adjustment to council policy regarding land use, intensification and prioritisation of flood resilience infrastructure work.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

1/ Reconsider the consenting of over-intensification housing projects. There is practically no permeable surface left with the new 3x3 projects taking place. 2/ prioritise clearing drains& waterways. 3/ Put appropriate conditions on construction sites upon commencement of build activity and properly monitor them to ensure compliance with the rules regarding discharge of mud, silt, sand and rubble into drains and waterways.

6. There are nine possible initiatives outlines 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?

They look good.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes. 1/ Reconsider the allowance of over-intensification. I think a contributing factor to the flood severity is allowance of over-intensification. Properties used to require a particular % of permeable surface. The new 3x3 over-intensification rules result in areas which are largely impermeable therefore 100% runoff. 2/ Put appropriate conditions on earthworks construction projects and monitor them. In my local area I saw "tons" of clay wash from unmanaged building sites (with no erosion control on earthworks), into drains (which blocked) and then onwards to the local waterway which also flooded. It had recently had a major restoration project to un-silt it, now partially un-done due to the mess allowed at local building sites.





Storm Recovery and Resilience Consultation

#1038

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Public sewer nearby was blocked and wastewater gully overflowed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Watercare unblocked the sewer.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Keeping all the public systems function well.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

To keep all the public systems function well.

Wastewater system may need to be designed / considered if stormwater entering the system during very extreme events.

6. There are nine possible initiatives outlines 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?

No rates increase!

Rates may be used for the repair or maintenance jobs. Rates increase will never solve the infrastructure problem.

Find the fund / investment from elsewhere to invest the infrastructure but not to increase the rates again and again!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1055

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected in the local area but problems further afield.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No particular problems.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not applicable.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By undertaking the actions in the possible initiatives.

6. There are nine possible initiatives outlines 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?

The essential elements are providing 'safe' places for water to accumulate before dissipation and frequent maintenance of the infrastructure.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1091

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Unaffected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Contractors eventually got rid of the fallen branches

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

When significant flooding expected, access to sandbags is coordinated and communicated to communities

6. 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?

LGTM

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1179

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

A lot of road flooding and slow wastewater drainage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Everyone supporting each other and giving advice

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

not sure

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Ensure that all sewage and drains are always kept clear, less built up areas i.e. don't build so many houses all together, don't build in known flood prone areas.

6. 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?

The regular site maintenance needs to be carried out over the whole of Auckland.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes building codes need to be thought about, building houses at ground level is not helpful, piles should be bought back, building in known flood prone areas should not be allowed, number of houses crammed into small areas should also not be allowed as these all causes issues for more flooding



Storm Recovery and Resilience Consultation

#1181

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooded and reserve outside our unit was a thick track of wet mud, Kepa Rd / Ngapippi / Orakei roundabout had a river of water pouring down and frightening to drive up. No signs of any extra drains to avoid this in the future / probably worse now with more asphalt

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Insurance

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Regrass all the mud on the reserve side of 185 upland rd

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

drainage, stop the building site up from 185 upland rd just down from the reserve entrance from filling the public drains with muddy run off. Same building site paid for trees on our property to be cut down which is not allowed in our lease. The arborists had been to the site before to cut a branch off the "protected" pohutukawa.

I managed to stop at the time but not permanently one pine style tree (no cones) on our property on the edge of the basin with roots extending into the reserve from being taken down by the developer and a neighbour paying. Area is zoned coastal erosion. Suggest felling of any tree zoned coastal erosion not be allowed.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Suggest felling of any tree zoned coastal erosion not be allowed.



Storm Recovery and Resilience Consultation

#1202

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some properties flooded, but generally this Ellerslie area was ok as very good drainage of lava rock beneath.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

n/a

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

n/a

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Spend more money on our water/storm water systems and make some communications staff redundant to help pay for it.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1213

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My rental property was Red Stickered after cliffs collapsed and my cat and I had to leave. It is now 6-7 months later and I have not got any of my goods nor has my insurance agreed to pay out all of my contents insurance policy. I had difficulty gaining accommodation because of my cat. I was left looking for another home to rent only to find 20 people at each viewing. I now live an hours travel time from where I work.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

Support of Friends and colleagues.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Restoration of my goods or at least some of them. A full payout by my insurance company! Clear plans by government to attend to local flood plains eg motorway by Takapuna.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

A task force on impact of severe weather conditions.

- 6. There are nine possible initiatives outlines 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?**

Great!

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1231

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

minor

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

not applicable

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

not applicable

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

carry out maintenance to drainage (street gutters, drains, culverts etc), and waterways as used to happen before the Council strayed into non-core activities, i.e, unrelated to infrastructure

6. 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?

Confine the Council's activities to its traditional core activities - infrastructure (roads, drainage, water supply, parks and reserves, libraries etc) thereby freeing up funds for maintenance of roads, drainage etc

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1235

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No long term damage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No issues.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

No issues

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Get better infrastructure.

6. There are nine possible initiatives outlines 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?

Do it. It will cost more not to.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Better minds than mine thinking about it.



Storm Recovery and Resilience Consultation

#1240

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We werent much

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We didnt really suffer much

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I dont know

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clean out the drains like you used to. Sweep up the leaves so they don't block the drains.

6. 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?

They all seem entirely sensible. What has the council been doing in the last ten years on any of these initiatives. I see bike lanes with the bikes riding on the roads as they always have. I see bus lanes with no one on the buses. I see parking wardens everywhere. But I don't see street sweepers or vacuum trucks sucking out the stormwater entrances. So just go back to the basics and I am sure we will be fine.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1244

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Lots of the roads that we usually travel for work, daycare and grocery were flooded, we had to take lots of detours to get to places, which isn't time efficient.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The clearing of the storm water drains on the roads, lots of leaves and soil were blocking. Lots of fire fights and medics helped.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing damaged houses being cleared/repaired, water on the roads being drained and cleared, seeing diggers fixing the land slips

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Upgrade all of our storm water underground drainages, strict checks for houses being built on slopes, on hills near cliffs.

6. There are nine possible initiatives outlines 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?

Agree and support.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1245

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not at all

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1250

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Major flooding, trees washed away, slips and road closures..

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Patience

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A very simple and cost-effective thing to do is regularly clear All storm water drains, gutters. Swept gutters removing leaves etc. which block the drains.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

A very simple and cost-effective thing to do is regularly clear All storm water drains, gutters. Swept gutters removing leaves etc which block the drains. Trim trees on public berms, pathways.

6. There are nine possible initiatives outlines 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?

A very simple and cost-effective thing to do is regularly clear All storm water drains, gutters. Swept gutters removing leaves etc which block the drains. Trim trees on public berms, pathways.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1255

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Serious road flooding at lowest point

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Finally storm drains pumped of mud leaves and other debris

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

No serious problems here but as previously stated in fill housing is a disaster in the making

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Massive.upgrading of storm drains

6. There are nine possible initiatives outlines 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?

Reduce constant reviewing and just get on with it. Yes some rating increases probably

Y inevitable

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1304

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

New Zealand needs a proper economic regulator for water, wastewater and sewerage (see the UK and Scotland model). A regulator would review each utility's capital expenditure plans to make sure they are consistent with customer service standards (including, but not limited to storm resilience). Standards and expenditure proposals would be developed following wide community consultation. This would be more effective than the proposed 3 waters reform. It would be more effective than this piecemeal and reactive response and consultation.



Storm Recovery and Resilience Consultation

#1312

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our business was completely destroyed by severe flooding. The landlord knew the site flooded and still leased the property to us. We were unable to get flood insurance so it has been a very distressing time. We only received \$10k from the government despite losing so much more. A lack of sleep and stress has led to illness.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Friends, family and staff and just hard work ourselves.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Money to get us out of the mess we are in.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Don't let landlords rent property that is known to flood, upgrade stormwater drainage, don't let people build in dangerous areas.

6. There are nine possible initiatives outlines 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?

You've already increased our rates significantly. Ok to pay a little more but please be reasonable, people can't afford to live. Focus on the ones that will deliver the biggest result first. You don't have to do it all at once.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1344

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No much

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1351

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Stormwater pipes failed. A noise, diesel generator was set up to pump water up the hill. The road to Parnell pools closed. Minor disruption to me personally but the CO2e emissions from the generator really worries me.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The knowledge that Council has Te Taruke a Tawhiri and we are actively working to reduce emissions so that storm events won't get exponentially worse.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Action on reducing emissions

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Reducing emissions is crucial to being prepared. We can't hope to "adapt" our way out of ever worsening storm events. We need to reduce emissions urgently! We have a small window of time to turn the curve.

6. There are nine possible initiatives outlines 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?

I'm happy to pay extra rates PROVIDED THAT we also make emissions reduction an urgent priority.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Water tanks at every home to reduce the flows across land and into the stormwater system.



Storm Recovery and Resilience Consultation

#1401

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Street drain overflowed and came down neighbours driveways and flooded basement

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Zero! People forgot quickly As not many houses in neighbourhood flooded

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

All insurance work/repairs completed and people able to move back in

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Get street drainage sorted

Also encourage residents to clean out driveway metal grills regularly

6. There are nine possible initiatives outlines 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?

Skip the rates increases!

Review planning permissions ... more porous ground on all developments Encourage water storage by residents for gardens, car cleaning, washing etc allow storm water toilet flush collection!!

Encourage residents near waterways to care for them

Build more indentations into parks etc to become short term ponds...

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Get residents to collect rainwater in own tanks for yard washing, gardening, lawns etc at a later date...



Storm Recovery and Resilience Consultation

#1406

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Caught in the flash flood with my flatmates in a small vehicle

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Has been individually sorted. Community has not been felt

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

More clarity on what happened and how to stop it from happening again

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better communication

- 6. There are nine possible initiatives outlines 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?**

How ever much it takes

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1408

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

During the extreme weather events of November 2022 and early 2023 the street we live on, Armadale Rd Remuera, flooded due to a lack of storm water capacity resulting in an overland flow path across a corner of our section and flooding into a neighbouring section which incurred significant damage. The road out in front of our property was flooded to a depth which could cause danger to both cars and pedestrians using the road. It appeared that water was flooding the street from across the East side of Armadale draining from both Norana Ave and Clonbern Rd and then draining across to the West side of Armadale and down an extensive and dangerous overland flow path.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Nothing really. Council have checked drains and although they were clearly inadequate, they were not blocked.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A clear Council plan for management of storm water in our immediate area. This would require engagement and site visit from Council experts. We are concerned that the culvert outside of 23 Armadale Rd is restricted by poor design and concreting. This was inspected by Council around 3 years ago with verbal agreement to remediate but this never happened. The Culvert is not of adequate size. We understand that the street culvert drains ultimately to a reservoir (Day's stream) but that the feeding pipe to this reservoir is significantly bigger than the outflow and that this resulted in flooding to our neighbouring properties. We are concerned regarding at least two high density housing developments in our immediate neighbourhood and their impact on regional flooding during extreme weather events. A development next to ours at 21 Armadale has a plan for 5 houses and will change the overland flow path for our area.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By adequate and responsible planning of storm water systems and maintaining appropriate land coverage requirements for developments in higher risk areas.

6. There are nine possible initiatives outlines 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?

Overland flow path management would not be required if there was adequate storm water provision. The provision to allow water to flow across properties is an admission that storm water systems are inadequate.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Residential land coverage should be restricted to allow more natural drainage surface area. Promotion of green spaces. Improved roading resurfacing. Our most recent resurfacing 3-4 years ago was of very poor quality with large volumes of gravel coming off the road surface and draining into the storm water system potentially limiting the effectiveness of this system.



Storm Recovery and Resilience Consultation

#1412

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

minimal damage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

not needed

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

na

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

better communication

encourage community working groups to limited destruction and tidy up

6. There are nine possible initiatives outlines 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?

not qualified

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

not qualified



Storm Recovery and Resilience Consultation

#1414

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Heavy disruptions on transport, with Remuera road partially closed, long queues to drop our son at the childcare, reducing our time for work meaning we had to work by night to compensate the loss of working hours. We had all our backyard flooded, risking to flood the house too. As a precaution, we spent hours with buckets to move away water.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing. We helped ourselves cleaning our driveway, protecting it with bags full of sand, etc. The summer before, we cleaned our gutters, our garage grille. We did our homework and this paid off.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that other owners do their part on maintenance, e.g. cleaning their grilles, instead of sending their water (we are at the bottom of a sloped lot).

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The council must stop all the concrete pavements around, leave more permeable ground. Do not compromise the RMA rules on impervious ratios. Do not build where we should not, have a more prudent approach.

6. 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1417

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding. Ride a motorbike so travel was a no go for a while there.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We weren't badly affected. Friends that were had help from mates to clear their damaged homes out.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Hold landlords accountable for repairing flood damage

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better drainage and warning systems probably

- 6. There are nine possible initiatives outlines 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?**

Tax people more and deliver more services

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1463

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

some flooding in garage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

NA

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

NA

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Early clear communication

fix broken water pipes

start undertaking preventative initiatives now

6. There are nine possible initiatives outlines 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?

All sound appropriate

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Cut down trees on nature strips which continually drop leaves blocking drains and replace with natives (which also attract native birds).

Ensure AT and developers install appropriate drainage.

Require building consents to include a percentage of permeable ground in all developments and renovations.

Install and/or replace current paving with permeable paving.

Promote permeable driveways etc to homeowners.

Require developers to use permeable ground coverings as much as possible.

Dont consent building applications in flood/slip areas.



Storm Recovery and Resilience Consultation

#1473

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I live near Shore Road which was badly affected with loss of life. My actual property only suffered from debris, but one neighbour had flooding in their garage and another in the bottom storey of their house.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I had my drains checked to future proof. It has been encouraging to see the work carried out on drainage in my neighbourhood as the lower half of Portland Rd has always flooded.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Proved progress reports on what work has been done in this area, either by email, or leaflet drop.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Continue to MAINTAIN the drainage and explore other ways to improve drainage.

6. There are nine possible initiatives outlines 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?

They are excellent. They should be a priority in the Council's expenditure.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1474

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Trees fallen from council land onto our property and on the house. It has been cleared from our place but still a mess on the council side which our property borders. It needs to be cleared properly and is restricting access on the path (council path) Also, many of the pathways around where we live are still blocked off due to fallen trees etc.. Surely this can be cleared away easy enough

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not much really

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Clean up the council land where trees have fallen. Also, clean out the drains.. there is still a build up of debris at the bottom roundabout on Bassett Rd

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Regularly clear drains to minimise flooding

- 6. There are nine possible initiatives outlines 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?**

Sounds expensive !

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1492

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The ongoing drainage issue with neighbouring apartment block behind me completed in 1987 without adequate stormwater provisions was exacerbated on January 27 with a gusher of water from the crack in their retaining wall flowing into my garden bed and down my drive to street below. I called the fire brigade to check if the wall was likely to collapse, but after inspection from 3 firemen, the water abated and the wall stayed up - this time!

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

We accepted our lawns and gardens were in bog like status most of the winter.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

The comfort of knowing that when all the apartments at No. 4 Victoria Avenue and 308 Remuera Road were occupied, their sewage and stormwater pipes would not overflow in even normal rain to us below.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

In fill housing must be limited until waste and stormwater infrastructure upgraded to bigger capacity.

6. There are nine possible initiatives outlines 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?

Make the developers and builders pay to increase infrastructure capacity.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Council is turning a blind eye to all the developments approved in the 1980s and 1990s that are now causing problems for homes existing at the time, with officers claiming they "comply" with regulations when clearly they don't any longer. Where complaints have been made about flooding from these developments in the past, find a way to install pipes connecting to stormwater drains to relieve our misery before retaining walls collapse upon us from pressure of water behind them.



Storm Recovery and Resilience Consultation

#1507

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No water damage to our property but neighbours had damage and reading locally was affected.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Quick road clearance and self help in neighbours paying privately to improve drainage

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A good plan for future events

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By planning additional waste water and other resources for every new development rather than allowing new homes to over-load existing resources. By not building in flood prone areas.

6. There are nine possible initiatives outlines 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?

I agree with the overall plan

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Maintenance responsibility fir drainage is spread across more than one entity. This must be clarified snd checks made to ensure compliance with responsibilities



Storm Recovery and Resilience Consultation

#1517

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Badly. Now get nervous each time it rains as you can see flooding starting. All due to intensive housing and poor infrastructure. Where there was once grass there is now concrete, no brainer this would happen

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Auckland Council needs to step up and stop this intensification and why should the rate payer have to pay for their incompetence

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Apply some basic common sense

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1538

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Slips on the seafront

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

No one helped us personally, including our insurance company. The slips were minor.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We have.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better building standards in appropriate places

6. There are nine possible initiatives outlines 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?

All the initiatives have merit but as we have seen with the earthquake reinforcement scheme, it's too much and wasted money. Concentrate on a few of the worst/repeatedly affected areas, prevent building on high risk flood plains, and maintain the infrastructure we have.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Land coverage and planting regulations should have been tightened up decades ago. Incentivise the creation of "sponge" gardens instead of lawns and rainfall collection tanks to reduce the burden on the whole stormwater system.



Storm Recovery and Resilience Consultation

#1551

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Homes, parks and streets flooded. Slips to cliffs blocked roads in and out of our suburb. Some (Tamaki Drive) were not fully operation for many months. The bike lane on Tamaki Drive is still blocked due to crash barriers for potential further slips.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

In the months following the storms we have had further rain events causing local streets and parks to flood.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing some solutions and plans for fixing our very old infrastructure.

Seeing more regular maintenance to clear stormwater drains and sweep streets of leaves and sand.

Seeing confirmation that our Tagalad Reserve will be handed back to the community and used for natural stormwater collection solution.

Seeing confirmation that Kohi Forest will be purchased and retained.

Seeing the reversal of the plan changes that allow significant intensification and increase of impermeable surfaces on our slopes and flat flood zone land.

Seeing permanent solutions to cliffs that can potentially come down on our main route in and out of our suburb.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Get moving on infrastructure projects in the older central areas with very old small pipes and stop the intensification happening until the infrastructure can handle it.

Perform regular maintenance on existing infrastructure.

6. There are nine possible initiatives outlines 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?

I agree with them all. I think there should be a focus on the blue/green networks and overland flow paths in the inner suburbs which are being intensified at a fast rate and which have poor/old stormwater infrastructure. Particular focus on those like Mission Bay and Kohimarama where the stormwater carries sewerage into the sea and the beaches are black flagged after every heavy rainfall.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Review where Resource Consents are asking for significant permeable land and urban forest to be replaced with large impermeable areas and change zoning in appropriate places to stop it. At the very least maintain the Single House zone and MHS zone where there is downhill risk of flooding.

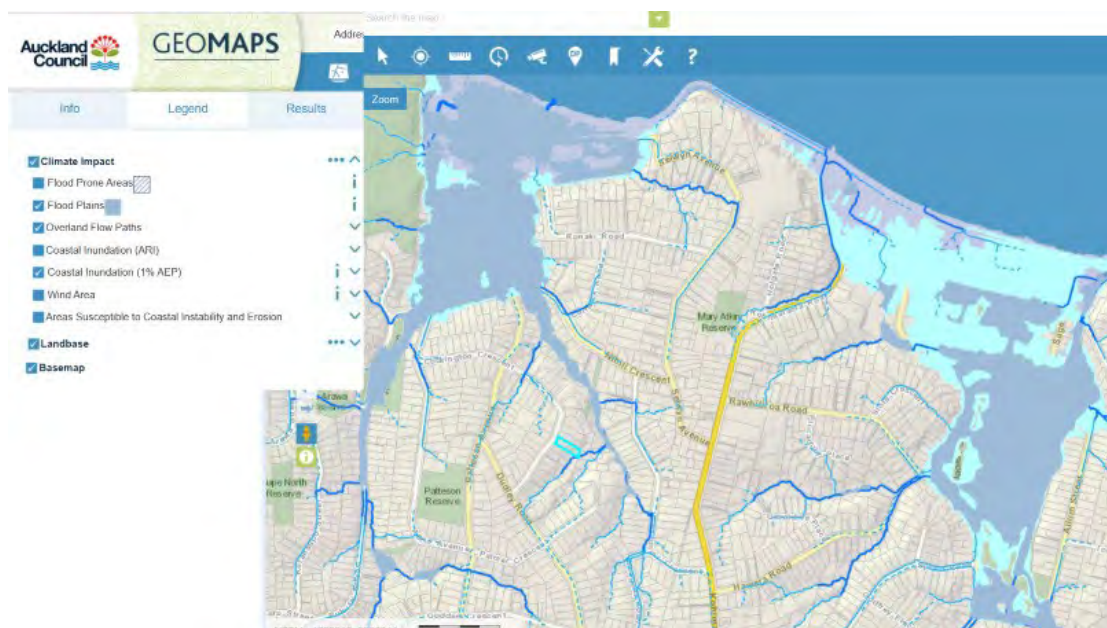
Our 2 suburbs are amphitheatres - with steep slopes side & back

— - 30m

— - 40m



Flood plains show 180° flows from ridges



December 2005

Flash floods hit Mission Bay

30 Dec, 2005 12:27pm

2 minutes to read



Flooding at the corner of Tamaki Drive and Patteson Ave. Pictures / Michael Portman

By: Claire Trevett, [Claire Trevett](#)



For a brief time, there was no need to go down to the sea to ride a boogie board when flash floods hit Mission Bay.

The area was hit with heavy rain on Wednesday night that pooled on the streets to knee height, forcing some people to abandon their cars and shop owners to keep mops at the ready as the water flowed over the kerbs.

Local man Michael Portman said he heard the rain just before 8pm and when he looked out his window he saw two children on their boogie boards in the middle of the road behind his apartment.

"At that stage it was about knee deep in Marau Cres."

He said the park on the Mission Bay water frontage area was underwater and it went right back across the road to the shop frontages.

"The storm water outlet that empties on to Mission Bay was just chundering out water. At the traffic lights in Mission Bay there were a couple of cars abandoned, that's how quickly the water came up. It all happened in about half an hour."



2014 Cyclone Ita – Mission Bay Selwyn Reserve

& Cnr Tamaki Drv / Patteson Ave



APRIL 2017 – Ex Cyclone Debbie – Slip behind Kohi

Jan 2018 - Kohimarama and Mission Bay flooding



2018

March 2022 Mission Bay

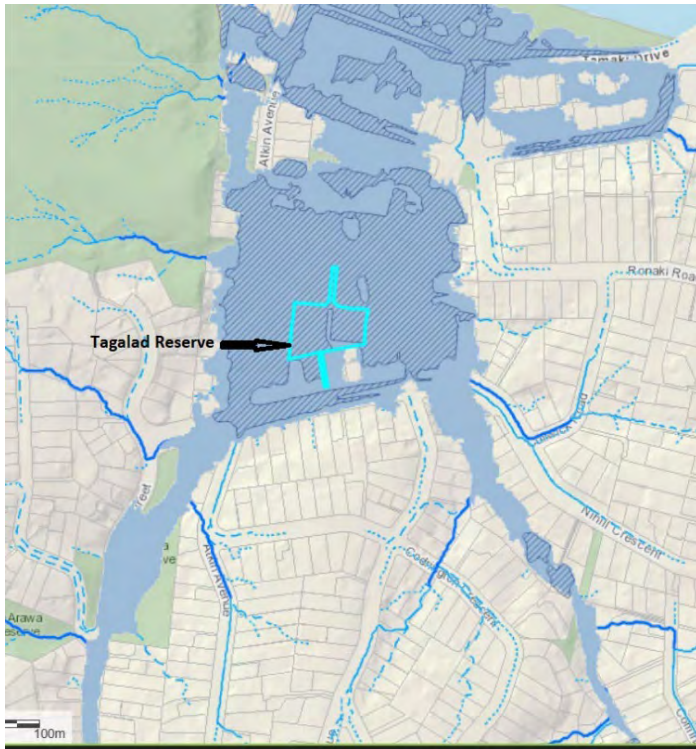


2 events Jan & Feb 2023 -

- Slips on Tamaki Drive, Ngapipi Rd and Kapa Rd
- Road closures for weeks
- Trees down across Kapa Road
- Trees down in Madills Farm seriously injuring child
- Black Flagged beaches unsafe to swim for weeks



#1551



Flooding Atkin 9/5/23

Perfect spot for nature infrastructure – Tagalad reserve



Flooding Patteson Ave 9/5/23



Flooding Tagalad Rd 9/5/23

Entrance to Tagalad Reserve



Mission Bay Urban Forest SH and MHS zone



Kohimarama Forest



Storm Recovery and Resilience Consultation

#1589

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Tāmaki Drive and Ngāpipi road closures made the work commute very long despite using buses.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Sponge cities are the way to go - blue green spaces worked pretty well in Mission Bay but not sure what you can do to stop the cliffs crumbling despite the extensive planting up top.

6. 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?

Increase clearing of drains and waterways, and ensure they drain to blue green spaces and prioritise these spaces. Stop house building on floodplains or places prone to flooding and also clifftop building as well.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

If possible withdraw building approvals from cliff tops and areas prone to flooding.



Storm Recovery and Resilience Consultation

#1600

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There was significant flooding on the street outside my property and in properties further up street and nearby streets. The most recent heavy weather event on 9 May was the worst that there has been for my property and the adjacent reserve in the 12 years since I bought the house. Water has never been built up so high (within 2 metres of the house) before. It was fortunate that the peak did not coincide with a high tide.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing offered or requested. Nothing really needed.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I would like to see the drainage from the Mission Bay catchment somehow able to clear greater volumes of water faster. I believe the extensive in-filling and subdivision of sections further up the valley has greatly increased the pace of run-off and reduced the land's capability to absorb rainwater rather than simply running-off. Better rules & limitations

should be applied for such building, new stormwater drains to increase capacity are needed and probably the in-filling should be stopped.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

as above

6. There are nine possible initiatives outlines 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?

The work needs to be done and therefore needs to be paid for over time.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I have not been able to find the "Making Space for Water" proposal so cannot comment. Would you send me the link to it, please?



Storm Recovery and Resilience Consultation

#1658

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Very badly

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

No assistance offered

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

The council cleaning the drains and kerb side regularly like the used to

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The council cleaning the drains and kerb side regularly like the used to

6. There are nine possible initiatives outlines 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?

The council cleaning the drains and kerb side regularly like the used to

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

The council cleaning the drains and kerb side regularly like the used to



Storm Recovery and Resilience Consultation

#1669

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Council drains were at full capacity for each of the flood events and the drains on our property stopped working, they backed up, resulting in sewerage coming up out of the drains onto the drive. We are on a flood plain, at the lowest point of an overland flow path, on Grand Drive, Remuera. With the first flood 4 of us spent 5hrs sweeping stormwater down the back Neighbours property towards Waitatarua Reserve, overnight it became a lake. It was only luck the rain stopped when it did as both our houses would have flooded. We bought a submersible pump and have had to use it with each flood event to stop water entering our homes. We have been in communication with WaterCare, there has been no resolution. We believe poor maintenance, insufficient capacity of the councils existing infrastructure and the inability to divert excess storm water away from our low-lying properties to be responsible. With next flood event we will be pumping again and if or when the power fails our homes will go under.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

We have been in consultation with neighbours and have attempting to mitigate the problem unsuccessfully, we need council intervention.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Council acknowledgment and mitigation of the existing flood risk.

By council stopping housing intensification in this e flood prone area

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Acknowledgement that this is a council issue, improving maintenance of the existing infrastructure and mitigating of flood prone areas.

6. There are nine possible initiatives outlines 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?

Sounding good, bring it on as quickly as possible, looking toward the start of the remediation and improved maintenance.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Less intensification of housing in flood prone areas, more council involvement in consent process regarding suitable land and development



Storm Recovery and Resilience Consultation

#1699

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Water was gushing down and around my house and driveway, we were fortunate not to have any flooding ourselves but the water level in our back garden rose up to the foot of the doorway. Water damage in our garden where foliage and bark was picked up off the ground from surface flooding and rushed down the sides of our sloped property, clogging up our fences and downpipe drains.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing, I've not been contacted for support or assistance

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

some local messaging for support or assistance

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Where have all the street sweepers gone?!?! I drive to work every morning around Victoria Park Franklin Rd and Wellington street and the amount of clogged up storm water drains, it's no wonder the whole area flooded. If we had regular street sweepers clearing the foliage and debris the drains wouldn't have been overwhelmed. In my own street, I've seen a street sweeper ONCE in 5 years. This is an employment opportunity (social responsibility) and a simple effective way to reduce the demand on the storm water systems - Why isn't this a no-brainer?

6. 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?

Page 7: Increased Maintenance "more frequent street sweeping targeting high risk and heavy leaf fall areas" that's good but how frequent is frequent - next paragraph "more frequent catch pit cleaning at least three times a year...." three times a year is NOT frequent - do better

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Regular, frequent (at least monthly) street sweeping throughout Auckland, not only the 'high risk' areas



Storm Recovery and Resilience Consultation

#1704

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

On Friday evening 27 January 2023, half the lower level of our home at **** Portland Road, Remuera was flooded to ankle depth. **** is down a 150 meter ROW which has 3 private drains. Auckland Council's public stormwater drain/catchpit with the large diameter pipe begins at 33/35's mailboxes on Portland Rd, then runs down to the stream between Portland Rd and Victoria Avenue. Clearly, the above stormwater drain/catchpit/pipe was ineffective in capturing the high volume of floodwaters on 27 January. As a result, our ROW's 3 private drains/pipes could not cope with the volume of floodwaters rushing down our ROW. We are retirees (76/81) and have lived at **** for the past 30 years and have never experienced flooding of our home.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Our home and contents insurance allowed us to recover from the flooding of our home. The interior of our home is only just back to normal after 7 extremely stressful/anxious months involved with the recovery, e.g. tradesmen constantly in our home.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

We would like to feel confident that Auckland Council's Public Stormwater pipe/drain/catchpit at 33/35 Portland Rd, Remuera will cope with any future flooding of the intensity that was experienced on 27 January 2023.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Ensure Stormwater drains/catchpits/pipes maintenance is carried out in a timely manner, e.g. large diameter pipes checked for any blockages at least every 3 years, e.g. tree roots. Great to read in 'Making Space for Water' under 'Increased Maintenance/What could be involved?' All 5 points need to be actioned ASAP.

6. There are nine possible initiatives outlines 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?

I have read this entire document and there is no mention of homeowners private drains/their responsibilities. It was made very clear to me immediately after the 27 Jan flooding by Auckland Council's contractors, Fulton Hogan that they would not assist in anyway with private drains. Their instructions were only to clear public drains/catchpits on main roads, e.g. Portland Rd.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Auckland Council needs to develop maps showing the location of private homes' drains, along with the direction/route the drains flow/run until they connect with the large diameter Auckland Council's public stormwater pipes. Also, Auckland Council needs to develop information for homeowners on their responsibilities regarding their private drains, e.g. regular maintenance to ensure no blockages present, etc. Immediately, following the 27 Jan flooding, Auckland Council should have sent information online to homeowners on how to best ensure their private drains become flood resilient for the future.



Storm Recovery and Resilience Consultation

#1716

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not much only transport

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better public transport

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better understanding and warning of a significant event

6. There are nine possible initiatives outlines 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?

The public don't have the detail to make an informed comment

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1732

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our garage and stairwell is at risk of flooding in heavy rain. We did a lot of bucketing of rain from the storm water cesspit to keep water from getting in. We get very stressed every time there is the threat of heavy rain now. We have waterproofed our garage and stairwell so if water gets it, it won't damage a gin wall and tile floor. We also got proper sandbags to act as a preventative.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Looks like everyone around here has taken care of their own property - lots of skips around to get rid of water damaged belongings and lots of repair work.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not getting stressed and checking four weather apps every time it's supposed to rain heavily. Knowing there was a better storm water system in our neighbourhood (and on our own property)

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Improve the storm water system. Do the other things in your plan.

- 6. There are nine possible initiatives outlines 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?**

Let's start doing them

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1751

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There was local flooding and some neighbours got water in their houses

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Not aware of any

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/a

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clean drains

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Stop building so many houses when infrastructure can not cope. Too much concrete everywhere. Drains don't cope.



Storm Recovery and Resilience Consultation

#1757

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Road closures meant we could not get to locations we needed to.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Fixing up the drainage of my neighbours' properties.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Fixing the roads properly and getting rid of all the cones and barriers which are not serving any useful purpose now. Seeing some actual repairs to roads by the Council and Watercare showing some initiative to sort out bad drains. Instead you lot seem to have resumed where you left off building unwanted cycleways, bus lanes, judder bars and kerb and channel - all wasting our money for no good.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Fix the drains - enlarge them - build massive culvert open drains like we see in real cities overseas.

6. There are nine possible initiatives outlines 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?

Yes - you need to do this without rates increases - cut back on other unimportant cycleway, rail, bus projects and focus energy on being efficient at public works. Your costs of projects are ridiculous because you cant manage your subcontractors.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes - the scale of new drainage is still not big enough.



Storm Recovery and Resilience Consultation

#1764

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

flooded streets and blocked street drainage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The Council improved stormwater drainage and piping in Mission Bay which helped enormously.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Road sweeping to avoid the street drainage getting clogged and blocked by tree and garden debris- especially as most gardening/mowing services use blowers to clear rubbish rather than sweeping it up and taking it away. Any street water needs to flow down, out and off the street.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Upgrade large storm water piping and flow; regular sweep streets and uplift all debris to prevent build ups of garden, tree /leaf and branch debris.

6. There are nine possible initiatives outlines 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?

It has to be done - so get on with it. Stop wasting money on eye watering expensive consultants and experts. This issue is clearly one of upgrading and maintaining good drainage systems- which is council's core work. Use local contractors who live in the area and can see the benefits of the work.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

In Mission Bay we are at risk of flooding by sea water over the sea wall- especially with the sea levels rising and increasing stormy weather. Our sea wall needs to be made higher all along Tamaki Drive . The wall is there and has worked very well to date . But with climate change it needs raising - and sooner rather than later. don't reinvent the wheel- use, maintain and improve what we have. Again- contract local people who are invested in protecting their own community and back yards.



Storm Recovery and Resilience Consultation

#1775

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Slips on cliffs and stability of land on Kepa Road which council is working on.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We cleaned up the kerb side by scrapping the hard solid dirt which made the water flow better. This solid dirt stops the water flowing and builds up to flooding certain areas. Cleared the storm drains by us. We have a lawn mower specialist who knows how to cut lawns. Our grass is still recovering but when it does come fully back it will drain the water better. I have in another location trimmed hedges and pruned trees as this has help the ground to driy up.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We need to work together in our neighbour hoods to clean up and support each other as a lot of people are not understanding how bad it still is.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Our part as rate payers need to scrap/clean kerb sides and clean storm drains so the water can flow

Trim hedges

have a lawn specialist that cuts lawns properly so that the roots are not killed off. which therefore drinks up the water.

6. There are nine possible initiatives outlines 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?

The above but advise rate payers our rates will come down if we work together

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1779

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Your feedback

Hewson Street Flood group

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Attached is a report on storm water issues in Hewson Street and the Cawley Reserve ponding area since 2022. It chronicles events as observed by a group of Hewson Street residents affected by the extreme weather events of recent months.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

3. In the months following the storms, what has helped you and your community get through?

Self-help and community support

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Answers to the following Questions:

1. Is the stormwater network in this area fit for purpose?
2. Is the wastewater network in this area fit for purpose, and to what extent is it affected by inadequacies in the stormwater system?

3. Is the current flood model used by Auckland Council accurate?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Listen to and take notice of local resident on the ground observations and knowledge as well as consultant engineer predictions.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Appropriate signage to prevent cars parked in the Cawley reserve area being submerged during extreme weather events.

Storm Resilience in the Cawley Reserve Ponding Area



We are a group of Hewson Street residents who share concerns about the flooding, stormwater and wastewater issues experienced over the past 15 months. We also share concerns about the accuracy and validity of the flood model, currently in use, based on what we have observed over recent weather events, as seen to the left.

- 1, shows outflow from the stormwater culvert under the Motorway and rail line.
- 2, flooding at [REDACTED] Hewson Street.
- 3, submerged cars next to the Cawley Reserve.

Executive Summary

Across the group, some of our homes face Hewson Street, some border Hewson and Cawley Streets and some back on to Cawley Reserve. We appreciate the stormwater and wastewater networks, and the Cawley Reserve stormwater treatment pond, service a far larger area. For ease, we will refer to the area in question as the Cawley Reserve.

In brief, our questions fall under three main topics:

1. Is the stormwater network in this area fit for purpose?
2. Is the wastewater network in this area fit for purpose, and to what extent is it affected by inadequacies in the stormwater system?
3. Is the current flood model used by Auckland Council accurate?

We are aware that our street has not been as extensively affected by the recent weather events as other parts of our city, however **we believe the stormwater network here is not currently fit for purpose.**

We would like:

- Stormwater network capacity to be urgently addressed so that parts of our street are not at risk of being under 2.5m of water in a 1%AEP rainfall event,
- Flood model assumptions to then be updated to reflect the increased capacity in the stormwater network,
- Our wastewater network concerns to be addressed, as this appears to be the most pressing health risk for residents and workers in this area.

Regards from the following Hewson Street residents most affected by storm water and drainage:



Background

We have prepared a summary of observations and evidence from recent significant weather events. For ease, we have collected these in a separate document (Appendix A attached). Overall, they show that the stormwater network in the Cawley Reserve has been significantly tested, not only by 1 in 100 (and one more than 1 in 200) year rainfall events, but also by an extremely high amount of rain falling on an already wet environment. Despite this, and despite the issues encountered with the stormwater network, there has been nowhere near the level of flooding as predicted by the One Tree Hill catchment model.

1. Is the stormwater network in this area fit for purpose?

Observations

The stormwater network in the Cawley Reserve area requires more capacity. At present, with significant rainfall events, the stormwater system gets overloaded, and this also impacts the wastewater network.

It is clear to long-term residents that the **intensification and infrastructure construction** that has occurred in Ellerslie over the past 25-30 years has **increased the volume of water flowing across the historic flowpaths** and into the area of Cawley Street closest to the motorway. This appears to have been particularly exacerbated by adding an exit lane to the Ellerslie-Panmure Highway motorway off-ramp.

The culvert under the motorway was understood by residents living here at the time of its construction to be intended to take water under the motorway and away from the houses. However, Healthy Waters advise this is a stormwater outlet to take stormwater away from a high hazard area and hold it in the Cawley Street reserve. This means stormwater is being removed from the motorway and moved towards houses.

The performance of the stormwater system is improved when Council keeps the culvert clear, but the stormwater network is also affected by other drains in the Cawley Reserve area (and likely further afield too) which collect leaves, rubbish and other debris. However, the evidence we have collected indicates that the fundamental design of the stormwater system is the issue, rather than whether maintenance is being conducted or not.

Questions

- 1(a) Following the Auckland Anniversary floods, we understand Council is reviewing stormwater management in flood-prone areas. What is proposed for the Cawley Street reserve and the stormwater network in the wider One Tree Hill catchment area?
- 1(b) It appears the Cawley Street reserve/stormwater retention pond area is the collection point for waterflows from other parts of Ellerslie and surroundings, as well as waterflows from the motorway. What volume of water is the Cawley Street reserve designed to hold? Does Auckland Council have plans to excavate the base of the retention pond area and install a new filter on the bottom to help water drain away more quickly? If not, why not?
- 1(c) We understand that the Safari hotel/apartment/townhouse development at the bottom end of Sultan Street has been built over volcanic caves that would previously have held water during these types of rainfall events. Has anything changed regarding the volcanic caves and the flow of water through them? Has survey work been done to determine whether the flow paths have changed?

- 1(d) Using the Cawley Reserve to hold water discharged from a motorway stormwater outlet is intended to transfer water from a hazardous location (SH1) to the Reserve and surrounding areas. This appears to **contradict Auckland Council's stated purpose of keeping stormwater away from homes**. Discharging stormwater from the motorway into the Cawley Reserve is in fact pushing stormwater towards homes. How does Auckland Council propose to balance the safety of residents (particularly those whose homes are predicted to be subject to flooding to a depth of 2-2.5m in a 1-in-100 year event) with the need to keep SH1 functional as a key transport corridor?
- 1(e) Are there any plans to upgrade the culvert under SH1 so that less water needs to be held by the Cawley Reserve? Or to upgrade the Cawley Reserve to prevent flooding on Cawley Street or to neighbouring properties?

2. Is the wastewater network in this area fit for purpose?

Observations

Residents have observed wastewater issues during significant rainfall events. This indicates to us that there are issues with the wastewater network as well as the stormwater network in times of heavy rain. At times, **wastewater/sewage has been discharged into the Cawley Street Reserve** (most noticeably on 19 March 2022). This is a separate and more pressing cause of our health and safety concerns. Further details will be provided prior to the meeting.

Questions

- 2(a) How does Auckland Council propose to ensure the wastewater network in the Cawley Reserve operates properly and is not affected by rainfall events?

3. Is the current flood model used by Auckland Council accurate?

Flood model

The Cawley Reserve falls within the One Tree Hill catchment model. Auckland Council updates its flood models from time to time as new technologies or data become available. The current model was produced in 2021 by Tonkin and Taylor. Interestingly, Healthy Waters say the update was informed by 2021 LiDAR data, but the map available via Councils GIS system indicates the model uses 2013 LiDAR data:

DEVELOPMENT_SCENARIO	MPD Proposed Auckland Unitary Plan as at 2013
DOCUMENT_NAME	One Tree Hill FHM Model Build and System Performance Report June 2020
OTHER_COMMENTS	Modelled using 2013 LIDAR. A tidal boundary of 3.06mRL was used.
CLIMATE_CHANGE_ADJUSTED	TP108 100yr ARI + 16.8% (year2090)

In addition to 2013 LiDAR data, the model also assumes the maximum probable development in the catchment (MPD) based on the 2013 Proposed AUP. There is also a Climate Change adjustment. Research through the Knowledge Auckland site indicates this may come from a business-as-usual

climate change scenario which predicts that storms with a 1-1.2% AEP (80-100 year ARI) in 2040 will increase to a 3.3-5% AEP (20-30 year ARI) in 2090.

Additional information provided by Healthy Waters to some residents includes more detail about the anticipated flood depth and overland flow velocities in predicted flood events in the Cawley Reserve. That information indicates properties closest to the Cawley Reserve will experience flooding to a depth of approximately 1m (10-year MPD flood levels) to approximately 2.5m (100 year MPD flood levels). Properties further away from Cawley Reserve will experience flood depths of less than that.

Observations

Residents' observations are that the flooding currently experienced is nowhere near the flood levels predicted in the Auckland Council flood models. The last 15 months or so have included multiple significant rainfall events, including significant rainfall events superimposed on an already wet environment. However, it is clear that whether there is intense rainfall and blocked culverts, or groundwater saturation issues, there is nowhere near the level of flooding predicted in the Auckland Council flood model.

This is supported by engineering reports obtained by residents for other purposes, whose engineers do not agree with the level of flooding anticipated in the Auckland Council flood models.

The stormwater held in the Cawley Reserve threatens residential properties (but not always the houses on them) when Auckland Council has not kept the culvert clear (compare March 2022 flooding with more recent rainfall events now that Cawley Street is included in a list of known hotspots to be cleared in advance of predicted bad weather).

Questions

- 3(a) What does the flood model data mean in layperson's terms? Is it in fact a future-state prediction of what will happen if maximum development (or more) is allowed, if the climate change predictions are accurate (and if so at what point in time is the model for) and if the Council does not upgrade the stormwater network?
- 3(b) What is the climate change prediction assumption built into the latest model?
- 3(c) Is the current flood model based on 2021 LiDAR data or 2013 LiDAR data? What caused the 2020/21 model to predict flooding to a wider area and to a far greater depth than previous flood model predictions that were also based on 2013 LiDAR data? According to residents' observations of actual flooding over recent events, the flooding does not reflect anything like what is predicted.
- 3(d) Is Auckland Council prepared to reconsider its flood modelling in light of lived experience of local residents and if not, why not?
- 3(e) Is Auckland Council prepared to commit to regular street cleaning services in the Cawley Street Reserve area? Residents feel that the resumption of regular street cleaning services in flood prone areas has been beneficial and ask that Auckland Council consider this request.
- 3(f) Could Auckland Council please consider installing appropriate signage warning of flooding potential in heavy rain, similar to that in place in Walpole Street? Residents feel such signage would be beneficial, and ask that Auckland Council consider this request.

Appendix A:

Recent significant weather events: a summary

We have captured a summary, including photographs and video footage, of the four significant weather events that have led to flooding at the Cawley Reserve, and the variety of impacts that this flooding has had. Our purpose in doing so is twofold. Firstly, it illustrates clearly the impact of inadequate maintenance of the stormwater drains. Secondly, it shows that even with unprecedented amounts of rainfall, the flooding experienced has been nowhere near the levels indicated on the Healthy Waters flood levels. For most residents, no flooding occurred at all.

21 March 2022

Record rainfall was experienced across Northland and Auckland due to a low-pressure system in the Tasman Sea. A marine heatwave may also have contributed to the intensity of the storm. Across Auckland, NIWA reported several climate stations recorded more than a month's worth of rain in 10 hours, with Māngere recording 93mm, 52mm of which fell in one hour between 9am and 10am.¹ Stuff reported Ellerslie was one of the hardest-hit suburbs.²

Residents' Observations

■ Hewson Street noted that the two stormwater drains located on the property's eastern side filled to maximum capacity and overflowed. Both drains had been cleared of debris approximately 18 months ago. The overflow then started flooding the surrounding ground to a maximum height of 10cm at its lowest point.

■ Hewson Street observed that water flowed from the Reserve through ■ Hewson Street and Cawley Street, surrounding the house and onto the back of ■ Hewson Street. By 9.45, this water had filled the basement garage entering at the point where a retaining wall finished ([photo1](#) [photo2](#) [photo3](#) [video](#)). In two decades of living at this address, the water has never been so high. This water was able to drain away within several hours with the assistance of a water pump.

■ Hewson Street noted flooding at the back of the house ([photo](#)). The section backs onto the reserve ([photo](#)). On this occasion, the water entered the space under the house for a distance of about 1m.

■ Hewson Street noted Cawley Street Reserve filled between 9am and 10am, with photos taken at [09.15](#) and [09.49](#) showing the increase in water level. The same residents called Auckland Council that morning to advise the wastewater system may also have been impacted as the toilets were gurgling, accompanied by an unpleasant odour. They also observed water entering the back of their property from the Reserve. Due to advice from Council to stay out of the water, measurements were not taken, however observations indicated the water level would have been around 10cm-15cm at the back fence line, decreasing in depth as it got closer to the dwelling.

By 14.05, the water at the Cawley Street Reserve had receded entirely. A [photo](#) shows the absence of water, but the collection of a significant amount of debris, mostly bark used on the reserve, in front of the culvert under the motorway. On a walk along Cawley Street after the water had receded, toilet paper was observed on and around several wastewater manholes.

¹ <https://www.stuff.co.nz/national/weather-news/300545877/thousands-of-lightning-strikes-across-auckland-and-lower-northland>

² <https://www.stuff.co.nz/auckland/128111992/auckland-traffic-and-weather-for-march-21-2022>

Subsequently, the Cawley Street Reserve was blocked off by Council. No information was provided to residents about the closure. The signs closing the Reserve were removed a few days later. Again, no information was provided to residents.

[REDACTED] Hewson Street – no flooding, heavy water flows or any other issues were observed on any of these properties or the street outside them.

18 August 2022

Residents' Observations

No particular observations were recorded this day, but by the end of August 2022, the residents of 8A Hewson Street noted in an email to Healthy Waters that water that had collected in the Reserve during heavy rain earlier in August was still sitting on the Reserve. Healthy Waters advised this was the intended operation of the stormwater treatment pond. That pond remained for several months.

[REDACTED] Hewson Street – no flooding, heavy water flows or any other issues observed on any of these properties or the street outside them.

19 November 2022

November generally had an increased frequency and intensity of low-pressure systems, heavy rainfall events and thunderstorm outbreaks.³ In particular on 19 November, severe thunderstorms were experienced across the Auckland region between approximately 18.00 and 20.00. Central Auckland experienced a short but powerful deluge at around 18.30.⁴ Prior to this, water remained in the Cawley Street Reserve in the 'stormwater treatment pond' area, having been there since the heavy rainfall events in August 2022. A period of some 2.5 to 3 months.

Residents' Observations

Again, Cawley Street Reserve flooded. Water was [seen](#) gushing out of the culvert under the motorway and into Cawley Street and the Reserve.

Water collected in the Cawley Street Reserve and Cawley Street, and came underneath the boundary fence onto the back of the section at [REDACTED] Hewson Street. Again, the water depth would not have been more than 10cm at most and did not encroach on the dwelling. There were no apparent wastewater implications. As the water receded, it remained in the stormwater treatment pond area.

Healthy Waters **advised** a resident in response to emailed concerns:

- Saturday 19 November was a significant rainfall event, and no piped stormwater network in Auckland would have been able to contain the amount of rainfall that occurred.
- The rushing water videoed coming out from under the motorway is a stormwater outlet, designed for excess stormwater from connecting pipes to be safely discharged to the reserve during high intensity rainfall. This lessens the chance of stormwater surfacing at other more hazardous locations and helps avoid flooding inside homes.

³ <https://niwa.co.nz/climate/monthly/climate-summary-for-november-2022>

⁴ <https://www.nzherald.co.nz/nz/weather-severe-thunderstorms-sweep-over-auckland-region-causing-flooding-and-damage-to-property/CMGOUTRFFHFJAEJVJ5CHRNVIQ/>

- The assets near the reserve were cleaned before and after the rain event, as per Healthy Waters' hotspot list. The network is working as expected, given the circumstances. [emphasis added]

████████████████████ Hewson Street – no flooding, heavy water flows or any other issues observed on any of these properties or the street outside them.

27-30 January 2023: (Auckland Anniversary floods)

Central Auckland experienced its wettest month in at least 170 years, receiving over 45% of its yearly rainfall in January 2023. NIWA reported that an entire summer's worth of rain fell on 27 January 2023 alone, describing it as an 'at least 1-in-200-year event'.⁵ The Māngere climate station recorded 859% of normal January rainfall in January 2023, with 265mm of rain falling on 27 January 2023.⁶

Residents' Observations

████████████████████ Hewson Street noted that two stormwater drains located on the property's eastern side filled to maximum capacity and overflowed. Both drains had been cleared of debris approximately 18 months ago. The overflow then started flooding the surrounding ground to a maximum height of 10cm at the ground's lowest point.

████████████████████ Hewson Street noted backflowing storm water at Cawley St drain and in their storm water system. Water came into the back of the section about 0.5m horizontally and the soil was mushy for a week.

During the evening of 27 January, it appeared the wastewater network was impacted again, as residents of ██████████ Hewson Street recall hearing gurgling noises in their toilets. However, there was no accompanying unpleasant odour on this occasion.

Other areas of Auckland were far more significantly impacted than the eastern Lawry Settlement. However, Cawley Reserve and Cawley Street [flooded](#) again while the rain fell. The water again encroached onto ██████████ Hewson Street and Cawley Street coming to roughly 15cm lower than on 22 March the previous year. The retaining wall at ██████████ Hewson Street had been extended between these events and successfully held back water overflowing from the Reserve into the basement garage on 27 January. This water receded relatively quickly that night.

████████████████████ Hewson Street – no flooding, heavy water flows or any other issues observed on any of these properties or the street outside them on any of the days.

However, after breathing a sigh of relief, at 2 Hewson Street [photo 1](#) [photo 2](#), water began to back flow through the basement drain and through the basement floor by 1pm Saturday 28th January. [Surface water](#) in the reserve and surrounding properties continued to rise and pool over the following day. This water was ground water rather than overflow from the reserve. The drains on the street were clear and flowing, as was the culvert in Cawley Street. Water from the reserve was continually pouring out onto the street. The water level slowly receded by about one meter but returned after rain events on 2 February and to a lower level on 14 February. The water table took until 18 February to drop below the basement floor level at Number 2 with the assistance of [water pumps](#).

⁵ <https://niwa.co.nz/news/auckland-suffers-wettest-month-in-history>

⁶ <https://niwa.co.nz/climate/monthly/climate-summary-for-january-2023>

14 February 2023 (Cyclone Gabrielle)

No significant flooding was recorded at the Cawley Street Reserve.

Residents' Observations

■ Hewson Street noted that the two stormwater drains located on the property's eastern side filled to maximum capacity and overflow. Both drains had been cleared of debris approximately 18 months ago. The overflow then started flooding the surrounding ground to a maximum height of 10cm at the ground's lowest point. During the Cyclone, this excess water, after reaching max height then flowed through to the property next door at 1a Hewson Street which sits at a lower gradient.

■ Hewson Street noted that the water flooding returned, but at a lower level than that on 28th January. The water table took until 18th February to drop below the basement floor level at Number ■ with the assistance of water pumps.

■ Hewson Street noted that soil on the property was mushy for a week after cyclone Gabrielle although there was no visible surface water on the property. Soon after this, most of the pittosporum trees in the Cawley Street Reserve died.

■ Hewson Street – no flooding, heavy water flows or any other issues observed on any of these properties or the street outside them.

9 May 2023

Auckland experienced a sudden and (seemingly) unexpected rainfall event around 12.00 on 9 May 2023. Knowledge Auckland categorized this event as a “moderately heavy rain event superimposed on an extremely wet environment.”⁷ This meant that while rainfall intensities were generally less than the 10-year annual recurrence interval (ARI), significant flooding still occurred in some areas.

Residents' Observations

During this event, Cawley Street Reserve and Cawley Street flooded again, causing the loss of several vehicles parked on Cawley Street. Water was also [seen](#) erupting out of one of the stormwater manholes on Cawley Street.

Again, the residents of ■ Hewson Street noted gurgling noises in their toilets, but without any accompanying odour. So again, the wastewater network was impacted but not as significantly as in March 2022.

■ Hewson Street – no flooding, heavy water flows or any other issues observed on any of these properties or the street outside them.

As at 16 July 2023, the stormwater retention pond at Cawley Reserve was still holding water.

⁷ <https://www.knowledgeauckland.org.nz/publications/auckland-storm-event-9-may-2023-rapid-analysis>

Appendix B:

Flooding experience at 4 Hewson St.**Summary made 23-06-23.**

In the last 12 months there have been several heavy downpours that caused the Cawley St ponding area becoming flooded and backing up Cawley St and into our back yard on at least three occasions coming up to 20 feet up the property and flowing under the fence into the neighbour. This year that back portion remained damp and has not fully drained away with the water table staying up. We lost a tree and many of our rhubarb plants. Any rain since has really sat on top of the saturated ground down there.

I have gone down to the culvert and observed the water going under the motorway. The water level was higher than the road and water struggled to escape on a couple of occasions. I drove around to the short street parallel to the other side of the motorway and observed what was happening to the water over the other side as it came out of the culvert and observed the water level there must have gotten pretty high with vegetation stuck in the netting on the fence around the construction site where that multi storey building is being built and now nearly complete.

I walked around this area and noted that the ponding area that once existed over there had been filled in and the new building being built leaving only a culvert running underneath to take the water through to the pipe under the on ramp.

There used to be a large concrete carpark on footings with a large ponding area under it that was meant to be left and not built on. This was once known to council before the amalgamation and loss of institutional knowledge no doubt since the high building was allowed to go ahead and would not have and had not been allowed for decades.

My conclusion is that having lost our ponding area on the other side of the motorway the water backs up through the culvert and up Cawley street and into our back yards worse than ever before in heavy rain events. I have lived here for 39 years and not experienced it as bad. The water never came up this far before that loss of our ponding area over there with that new high rise building in the place where the ponding area once was.

Many years ago, that street flooded very badly because the grill that gave access to the culvert used to get blocked by debris that flowed down the streets to that point. I have gone out and with a rake stood on top of that culvert box and pulled away the debris and the water flowed away.

An informal Ellerslie residents group formed, and we collected signatures and photos and went to council in the city complaining about this. I was one of the attendees.

I was given an opportunity to talk with Watercare engineers down by the culvert one day and they asked what I wanted. I wanted them to open the entrance to the culvert and to stop the debris coming down. They asked me if the water would all be able to flow away. I said yes because so long as it wasn't blocked it could.

They told me of what they wanted to do and asked me what I thought of it.

They had plans of the street and told me that due to the slope down to the culvert they would have to dig up the road and put down two pipes because one big one would be too high.

They said that there would be a trap in Cawley Street outside the garage catch the debris.

They also said that the big pipe coming down Ramsgate St that stopped when it got to Hewson St where there was manhole that used to blow off when there was heavy rain and Hewson St became a river. They would continue that pipe along Hewson St and then go down the driveway of no14 [I think] and hook up with the big pipe that runs along the bottom of the motorway up an into the culvert.

All this was done, and it all worked fine until that building project took away our ponding area over there. Hence our flooding events are worse than before in the old days. And worse, future heavy rain events will cause Cawley St. to back up in future events because there is no ponding for the water to collect in and the outflow under the building will not cope with that flow at peak rainfall.



Storm Recovery and Resilience Consultation

#1783

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I volunteered with the Student Volunteer Army on February 5th assisting flooded property owners and doing outreach work.

I worked in the Council/Civil Defence Emergency Coordination Centre from February 7th to February 10th phoning people who had requested emergency housing and needed follow ups.

I also worked with Councils Regulatory Team in March locating contact details for customers with Red and Yellow stickered properties across Auckland.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

N/A

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/A

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Details are in the attached document, I am happy to speak to anyone in relation to the feedback I have provided.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I volunteered with the Student Volunteer Army on February 5th assisting flood affected property owners and doing outreach work.

I worked in the Council/Civil Defence Emergency Coordination Centre from February 7th to February 10th phoning people who had requested emergency housing.

I also worked with Councils Regulatory Team in March locating contact details for customers with Red and Yellow stickered properties across Auckland.

My experience was as a front line worker/participant. I was not in a management position, I did not have staff reporting to me. The people I worked with in all roles were excellent, hard working, and diligent.

Below are my responses to the question “How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?”

- Make it easier for people who want to volunteer time and/or services to be put in touch with organisations needing help.
 - When I was looking to provide help the only organisation that made it easy was the Student Volunteer Army. Very well organised and professional.
- Pre approve financial support for organisations helping flood victims so assistance gets to the right people quicker through churches, marae, and community centres.
- Regularly independantly audit all Councils to ensure they have effective disaster management plans in place. Finding out they are not sufficiently prepared once an emergency happens is not acceptable.
- Emergency Coordination Centres should be a single contact point where people are provided with assistance in an emergency.
 - No matter what is happening behind the scenes, victims should have one point of contact to deal with as many of their needs as possible.
 - Similar to the Red Cross, there should be staff nationwide prepared in advance to work in Emergency Coordination Centres.
 - These staff should have access to a simple, intuitave software system for logging and maintaining information in relation to victims. The system should give visibility to volunteers of as many of the victims needs as possible to reduce the number of agencies victims have to contact.
 - A suitable software solution would not need to be expensive, Student Volunteer Army technical experts could assist with implementation of this software.
 - We were provided with a spreadsheet which was not fit for purpose.
 - We had to provide victims with multiple emails and 0800 numbers for a variety of their needs. Even the provider for emergency housing changed between government agencies at one point which caused a

lot of frustration to victims.

- Improve communication and collaboration between all agencies involved in supporting disaster victims.
 - There are too many people working to support victims in silo environments.
- There should be a central repository for the emergency contact name and details for each properties owner and occupier.
 - Auckland Council do not specifically record this, they only record a delivery address/email for a properties rates invoice. Other Councils may be the same.
- When providing email details to Regulatory to assist in communicating with property owners of red and yellow stickered properties there were two main problems I encountered:
 1. It was difficult identifying many of the properties provided by building inspectors. Quite often the addresses provided by the inspectors did not align with the details in SAP. I relied on looking at photos of the properties and tried to match distinguishing features with GIS aerial photos and Google Street View. The simple solution would be for the software used by the inspectors to directly link to the property information in SAP when uploading their reports via GIS. When standing on the property and sending their information GIS could use the coordinates to link directly to the property in SAP. Inspectors could still put the physical address in, but the extra confirmation provided by GIS would clarify exactly what property was involved.
 2. There is insufficient clarity regarding which contact details relate to property owners in SAP CRM. There is confirmation of a rates invoice delivery address (postal or email), but there is insufficient clarification of which contact details belong to the property owner. This is an ongoing problem relating to many areas of how customer data is maintained in SAP CRM.

I am happy to discuss any of the above. My email is [REDACTED] and mobile is [REDACTED]



Storm Recovery and Resilience Consultation

#1797

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Luckily for the first 2 events, Jan 27th and Cyclone Gabrielle the local Glendowie Community was not affected as the heavy rain did not last long enough or coincide with high tides to cause any significant damage. However on May 9th the heavy rain did coincide with a high tide and caused significant flooding issues for the shops at the bottom of Roberta Ave and also there was flooding outside Glendowie College.

This is not the first time there has been flooding through the shops and businesses at the bottom of Roberta. It happened at least twice in the last 3 years, The issue was raised with senior council staff on 23 March 2022. In the flood of 2022 one of the business owners received an electric shock when standing in the water and was lucky she didn't die.

The flooding of May 9th 2023 was worse than previous and has been raised with Andrew Skelton, Head of Ops for healthy waters. Since then it has been discovered that all of that low lying area is indeed in a flood plain, the main problem being that a high tide which comes up the small estuary blocks surface water (storm water) from being able to drain away. I understand the level was so high that the pump station down there flooded as well.

Since my emails to both I have had no reply as to what is being done to alleviate the issue (s) however I do realise that Glendowie is not considered to be top of the priorities. Nevertheless unless some mitigation is put in place then this will continue to happen.

As a note to this, I was party to a group of Glendowie locals who fought (and eventually won) against the council's decision to grant a building consent for 17 units to be built on 2 sections on the corner of Roberta Avenue and West Tamaki Road in Glendowie. There were lots of non-compliant issues with this build. Thankfully 3 years on still no building work has started, and hopefully the council will revisit the decision to allow the developer to go

ahead with a reduced number of units. The mitigants around storm water (retention tanks) and the fact that waste water was going to be hooked into an already overloaded and old set-up still do not stack up. It potentially would have made things worse on 9th May 2023.

Personally, I was not affected by the flooding locally and my main focus was to help out the businesses at the bottom of my hill.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Looking after one another and checking on any progress updates for work as requested

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Something conclusive being done about the issue? A short paragraph in the local newspaper addressing the issue(s) and providing a workable solution instead of keeping everyone in the dark. Maybe even have someone from Healthy Waters visiting all the businesses there?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Have a plan in place to address all the issues. It did not work like a well oiled machine and given the Cyclone of 2018 that affected the Eastern Coastline this is very disappointing to see nothing was already in place.

6. There are nine possible initiatives outlines 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?

. The 'making Space for Water' initiatives are a step in the right direction. However I would suggest that a lot of these initiatives are not just confined to Mangere, Henderson and the West Coast where a lot of the flooding did happen. Hopefully they are going to be spread right across Auckland and in areas where a lot of Aucklanders did not even realise there was flooding. For example – Mt.Roskill, Mt Eden, Epsom and Greenlane to name a few. As mentioned previously 5 years ago there was another cyclone that battered the Eastern areas of Auckland from Half Moon Bay and Buckland beach all the way around to Mangemangeroa reserve. It appears Council has not learnt a lot from what happened and did not even have plans and measures in place?

I would also suggest that Council puts as many of these 9 initiatives in place as soon as possible. 6 years is a long time to wait and it does appear that climate around the world is rapidly changing. Witness the storms, floods and wildfires happening now across the US and Europe in their summertime. Who's to say we wont suffer again when summer rolls around here.

The initiatives that would appear to be an easy fix and could be done now are

- Blue-green networks -stream daylighting, widening and alignment and enhancing the openness of parklands. I know firsthand that a lot of the streams in parks and reserves in my area are clogged with weeds, fallen tree branches and sometimes general rubbish and trolleys. They are also too narrow and do need widening.
- Overland flow-path management- education is the key here with talking to property owners. Its easy in some cases to re-direct the flow paths but if I re-direct flow from the back of my property onto the neighbours then whose issue is that? Water spilling down driveways was a big issue on Jan 27th and throughout Cyclone Gabriel and essentially water once it had done that had nowhere to go. Why therefore is Council still allowing new developments to go ahead (especially with a downhill slope from the roadway) without having a 'roll-over' on driveway frontages in place to prevent that happening?

- Stream rehabilitation- vegetation management and slope stabilisation and channel modification again are issues that can be done now. Is Council doing the dredging and replanting as required? Boundary Reserve in Point England would appear to be one area where the 'stream' is being widened and the area opened up.(see photo)
- Community-led flood resilience- this should be underway already particularly for property owners in high risk areas. Council is busy re-rating properties from 4 down to 3, 3 to 2 etc so if in some cases people are being allowed back into properties where there is still a high degree of risk then there should be heightened awareness campaigns around this.
- Increased maintenance – the prior lack of regular street sweeping, catch pit cleaning and weed/rubbish clearance from streams cannot be under-estimated. These issues all contributed in some way to the flooding, dependant on the area . Street sweeping should be done on a regular basis, not adhoc, especially again those areas with large leaf fall. Some that come to mind are Auckland Domain, and through the Ponsonby area-Franklin Road? Likewise regular catch pit cleaning and not on a reactive basis when someone finally gets around to requesting it. Lastly weed cleaning and rubbish removal from streams. Council needs to decide who should manage this. Currently there are 3 different units that are all involved to different degrees. Healthy Waters look after anything that ends up in the water, Community Facilities look after the embankments of creeks/streams but their regular clearance of weed growth leaves a lot to be desired. (they apparently have an audit team that supervises this) Waste Solutions look after any illegally dumped rubbish (larger than 4 bags)beside the streams etc. There is plenty of scope for improvements to be made here.

The other issues as noted are very important, but potentially may take longer to work through. Such as

- High Risk properties – engineering solutions, managed retreats, property acquisitions etc. All difficult to manage and Central Government does seem to be dragging their feet on this. An election is just around the corner and things may well go into limbo!
- Culvert and Bridge upgrades – the assessment and replacement may take some time to clearly identify where these are needed
- Rural Settlements- supporting community resilience planning has already started
- Flood intelligence – is this already happening ? Modelling tools and adaptation of what works well overseas should be under investigation. There has been a lot of talk about becoming a proper 'sponge' city but what has happened with that. Auckland Council needs to make urgent changes to the Unitary Plan to be able to adopt the required changes. See attached. Witness Northcote's recently redeveloped Greenslade which with a new detention basin was able to absorb an incredible 12 million litres of water. We need more of these scattered around.

<https://www.nzherald.co.nz/nz/explainer-why-nzs-cities-need-to-get-spongier-and-fast/POIZM6UDW5ENLJXFSIOKJZOLEY/>

<https://climateadaptationplatform.com/will-designing-a-sponge-city-mitigate-flooding-in-auckland>

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

It seems that Central Government and Local Government are still not prepared to take the issue of Climate Change seriously. If they were then the Government would already be mandating urgent changes in residential intensification and the MDRS.

Auckland Council should be front footing this and leading the way considering the flooding in this city earlier this year. However, all they have done at this stage is responded to the Government's legislative requirements by notifying Plan Change 78 (PC 78). This change will enable the construction of six-storey apartment blocks on clifftops and blanket infill housing in suburbs where there are already significant wastewater and stormwater problems. At least at this stage Plan Change 78 is on hold whilst all the flooding issues are discussed, and other plans worked through.

Here is one link I came across discussing this exact issue.

<https://www.nzherald.co.nz/nz/opinion-plan-change-78-should-put-on-hold-or-withdrawn/2B27PISZA5HQ5K2DIGXKDTU3JY/>

I totally agree with what is suggested. However what is required is for Auckland Council to adopt a new consent requirement for sites which exceed maximum impervious area for their zone and new impervious areas which are not connected to the stormwater network. It is time to stop 'tinkering' around the edges and do something creative for local communities. See below paper

PLANNING FOR WATER SENSITIVE DESIGN IN A GROWING CITY

This paper was produced for the 2014 Storm Water Conference – well ahead of its time and still what was suggested has not been taken up.

My suggestion therefore for other activities to manage flooding is as follows

- Build regulation into the AUP regarding no further development on flood prone land
- Stop developments in areas where the infrastructure cannot support the storm water/waste water needs

- Stop new developments where the plan is to allow for large areas of concrete car parking with no green space. Make it regulation that the surface has to be permeable (ie- gobi blocks and the likes) Some of the larger Kainga Ora developments out in Mt Roskill and Owairaka are very guilty of this! See photos attached.
- Stop cutting down trees and/or allowing developers to cut them down because it 'spoils the view' from the residents property.

The following is an extract from a paper produced in 2008 by the MFE regarding meeting the challenges of Future Flooding

2.2.4 Future flood risk management practice.

Current flood risk management practice will need to improve to meet the challenges of increasing flood risk. Flood risk management practice is variable across the country, and central government policy has focused on responding to and recovering from flooding. The Steering Group believes this situation needs to change. Local and central government need to ensure future actions are complementary to achieve risk reduction. Integration is required across all levels of decision-making affecting flood risk management. If flood risk management is not improved, future generations may become more vulnerable, greater losses from flooding may occur, and greater spending will be required to respond to and recover from floods. There is no comparable baseline information around the country, nor are there standard definitions of risk or methods to assess risk. Flood risk management is often restricted to areas of historical flooding rather than the risk being managed over a district or region. There is ongoing pressure to develop land, and development is still occurring in flood plains. In addition, there is a lack of good information on the economic, environmental and other applied aspects of flood risk management. Practitioners are looking for practical guidance and ways to benchmark performance. Ways forward Local government must have the resources, tools and information necessary to adopt good practice and ensure flood risk management is sustainable in the long term, particularly in relation to future climate change impacts. Central government needs to understand and monitor flood risk across the country to effectively manage the risk to New Zealand, to ensure that local government is able to effectively manage local flood risk. Providing information on a national basis – including warnings, forecasts, climate change predictions and good practice guidance – is required.

Future practice will be improved by the following actions:

- individuals, communities, business, and local and central government adopting a risk management approach that is integrated across the 4 Rs
- central government enhancing its risk reduction role to show leadership, by: – strengthening the policy framework to enable flood risk to be reduced – providing clear guidance on flood risk assessment and good practice – producing better information on flood frequency estimates, climate change predictions, weather warnings and flood

forecasts across the country – ensuring local government has the necessary tools and resources to adopt good practice

- local government adopting the latest good practice, as well as acknowledging and actively managing residual risk
- ongoing monitoring and dialogue between local and central government to ensure progress towards reducing the flood risk
- completing and implementing a national policy statement on flood risk management, and a New Zealand Standard to improve practice, as agreed by government.
- All communities and levels of government are able to make sustainable longterm decisions based on the best available information to reduce flood risk.

Has any of this actually happened – NO ! Council has been so intent on intensification and build at all costs that it has dropped the ball.

The Sunday programme (27/8) which highlighted the issues of Murawai and how 6 months later on people are still coming to terms with their respective loss of home, land, lives etc encapsulates everything that was wrong with the Council decision making, including building right over the top of previous landslide(s) areas.

I am lastly enclosing a perfect example of what's still wrong with current building consents and practices. This is a local piece of land near me in Point England that has gone from a single dwelling with plenty of grassed area, trees and bush etc to a block of eight 3 story high units encased in concrete. (see attached)



New Build in Point England



Where are the trees, the grass and the permeable surfaces. Perfect example of intensification causing issues.





Storm Recovery and Resilience Consultation

#1841

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Surface flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Not Council. We have blocked drain and Council have taken 12 months to act

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Council doing their job and maintaining network

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council do it's job

6. There are nine possible initiatives outlines 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?

Not sure Council are competent to do it as too many layer of woke stuff stop work being done. We have serious issues to deal with this is not the time to deal with all the touchy freely stuff council appear to spend a huge proportion of their time on

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1857

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

In St Heliers the whole area between and including Churchill Park School stretching down to St Heliers Beach, is mostly clay. The ground became so sodden that every rainfall now just sits on the ground. There is nowhere for it to go.

Properties have mini lakes whenever it rains, the volcano cone outside Churchill Park School is a permanent bog, the bush path from Glenn Oaks to CPS is a permanent mud walk, our own back yard remains a bog on the lower part,

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

The Waimere Street fast track project be rejected / abandoned. Has the council reassessed this project since these extreme weather events and new legislation?????

An overland flow path runs right through the middle of this project properties.

I also believe there is an underground stream. There have both caused problems to our neighbouring properties in the past.

This project will create flood problems. It is a gully type property.

Councils Stormwater and Recovery Document (see attached) document Council is asking that these areas not be blocked with barriers (i.e. Fences), yet Waimarie Development has been approved with board and batten fencing in this area.....so the EPA must be of the opinion that the Stormwater system proposed for the site, will accommodate all the stormwater.

"The application by Sanctum Projects Limited for Waimarie Street has been granted subject to conditions, by the Waimarie Street Expert Consenting Panel under the COVID-19 Recovery (Fast-track Consenting) Act 2020."

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Those whose job it is to plan and approve building developments do their jobs with integrity, intelligence and with due diligence, build because it is the right thing to do and NOT on fast track - solving one problem and creating another worse one. And not because of jobs or money to be made.

People a screaming out - why were housing developments allowed when it was a documented water path.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Glendowie and St Heliers infrastructure is already becoming overwhelmed therefore they should prioritise an upgrade to both our suburbs. NOT proceed with fast track housing.

FIX OUR WATER ISSUES BEFORE ANY FUTHER HOUSING DEVELOPMENTS ARE HEAVILY SCURTINISED AND APPROVED.



Storm Recovery and Resilience Consultation

#1884

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The Platina St / Armadale Rd neighbourhood experienced a 100 year flood: it was much larger than anything previously experienced. The stormwater system was overwhelmed. There were buildings damaged (a few houses, possibly a Scout Hall and garages). Streets were flooded to dangerous depths (potentially hidden to drivers) and the volume & force of overland flow was also dangerous.

Platina Reserve slumped and continued to have significant run off into properties whenever there was heavy rain.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

There has been limited discussion among neighbours. Council has not been visible and generally been slow or unable to respond. Insurance companies have provided some support.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Immediate recovery would include expanding a few key catchpits and repairing Platina Reserve, specifically the contours that lead water to the scruffy dome in the south corner of the Reserve.

The neighbourhood feels exposed. In the short term the Council needs a plan and commitment to upgrade the stormwater system: it has not been significantly upgraded in several decades while the Primary School has expanded and sections have been subdivided and built on. Intensification has accelerated further. Overland flow and redefining flood areas seems to reflect a failure to balance development over several decades.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Consistent long term balance in development and stormwater systems. There is a deficit in the neighbourhood stormwater system. New intensification can not proceed with a deficit in the stormwater system.

This will reduce the extent of the impact in super extreme situations: there may still be adverse impact however the extent will be more manageable.

6. There are nine possible initiatives outlines 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?

With intensification, overland flow (Initiative 4) has become a primitive and potentially dangerous last resort rather than a coherent system of "Engineered Overflow Points". This particularly applies to the Platina / Armadale neighbourhood where intensification accelerated 35 years ago with limited change to the stormwater system.

Platina Reserve could provide a temporary solution to the current shortcomings in the stormwater system (Initiative 1). Residents walked through a similiar process with Council Engineers 13 years ago.

On the ground intelligence (Initiative 6) is necessary for the integrity of Council maps and LIM detail.

Intensification should cover the costs of stormwater systems upgrade.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Hydrological evaluation of stormwater as lines come together. Platina Reserve has three lines, two of which drop 4 metres with significant energy and push into the third line with minimal drop.



Storm Recovery and Resilience Consultation

#1914

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not personally affected, but did impact severely on my work.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Much more funding is needed into understanding natural hazards (where they are, what the consequences are) and vulnerability. We're lacking good quality information to be able to mitigate the effects. Once we have this, further funding is needed for adaptation - not just for flooding.

Need to advocate for strong changes to the Unitary Plan and the Building Act to reduce the ability for homes to be built in dangerous locations.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Don't forget about the landslides. Flooding is only one problem.

Groundwater is critical to flooding. Where's the monitoring plan for groundwater?



Storm Recovery and Resilience Consultation

#1916

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Your feedback

St Heliers and Glendowie Residents Association

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding occurred in St Heliers and Glendowie Suburbs, and coastal subsidence in areas.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The community supporting one another where able. Helping to clean up, Roberta Avenue shops.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that we have capacity in our infrastructure, for future heavy rainfall events.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Upgrading aging infrastructure in areas where needed. Especially with intensification proposed under Plan Change 78.

6. There are nine possible initiatives outlines 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?

We do not think these have been prioritised correctly. Aging stormwater infrastructure should be upgraded in the first instance if the current system is not coping with significant rainfall events. Maintenance will have very little effect on dealing with flooding if there isn't enough capacity.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Creating more permeable space on residential sites, rather than reducing it further under Plan Change 78.



ST HELIERS & GLENDOWIE
RESIDENTS ASSOCIATION

Report on Stormwater Recovery and Systems in Glendowie and St Heliers

1. Introduction

This report focuses on the stormwater recovery and systems within the suburbs of Glendowie and St Heliers in Auckland. The report provides an overview of the catchment areas, stormwater assets, key issues, pressures, and recent flooding concerns. Additionally, it discusses the actions being recommended by The St Heliers and Glendowie Residents Association (The Association) to be undertaken.

2. Catchment and Drainage

The Eastern Bays catchment covers an area of 6.03 km² and is primarily drained by Mission Bay Stream, Kohimarama Stream, and the Dingle Dell Stream. The Glendowie catchment spans 4.3 km² and is mainly drained by Glendowie Stream and Tāhuna Tōrea Stream. Both catchments are part of the Tāmaki Ecological District, situated between Manukau and Waitematā Harbours. These catchments are highly urbanised with significant impervious surfaces, resulting in a modified ecological district with limited areas of indigenous vegetation.

3. Stormwater Assets Assessment

The “*Eastern Bays and Glendowie Watercourse Assessment Report April 2020 Watercourse Assessment Report*”, for Auckland Council identified and assessed the following:

A total of 594 stormwater engineering assets were assessed, including 325 inlet/outlet structures and 269 pipes/culverts. The assessment followed the methodology outlined in the Watercourse Assessment Manual (WAM). Several issues were identified in Auckland Council's stormwater assets:

Auckland Council Stormwater Inlets and Outlets:

- 16 inlet/outlet assets are in poor condition and require maintenance.
- 18 easily/moderately accessible structures pose safety risks due to unprotected drops.
- 24 assets are incorrectly documented in GIS.
- 30 assets are missing from GIS records.

Auckland Council Pipes and Culverts:

- 31 pipes and culverts have incorrect information in GIS related to location, size, or material.
- 14 pipes require maintenance, including structural work, patching, debris removal, and erosion protection.

4. Key Issues and Pressures

The ecological health of watercourses in St Heliers and Glendowie is adversely affected by urbanisation and intensified residential development. Key issues identified include the aging stormwater network (as outlined above) and localised erosion associated with stormwater assets. The modified ecological landscape and high imperviousness contribute to poor water quality and ecological decline in the Tāmaki Estuary and Hauraki Gulf.

5. Flooding Concerns and Recent Events

The May 2023 event was not a one-off occurrence of flooding in the St Heliers and Glendowie suburbs. Rather, it is part of a recurring pattern that happens once or twice a year now after heavy rain.

After the May 2023 event, The Association took the initiative to contact local residents to collect information about the repeated flooding incidents. The goal was to demonstrate the persistent nature of the flooding and its impact on the residents.

Through this joint effort, local residents pointed out three main areas that are prone to flooding. These are Roberta Avenue, Crossfield Road in Glendowie, and Bay Road in St Heliers. To show the situation clearly to the Council, we have included photos from the residents themselves below to show the extent of the flooding in these areas:



Photo 1. Crossfield Road, Glendowie - 9th May 2023



Photo 2. Back Culvert, Glendowie College - 9th May 2023



Photo 3. Bottom Roberta Avenue, Glendowie - 9th May 2023



Photo 4. Bottom Roberta Avenue, Glendowie - 9th May 2023



Photo 5. 36 Bay Road, St Heliers - 9th May 2023

6. Auckland Council's Actions

Under the 'Stormwater Recovery and Resilience and Consultation Document', Council has identified 'Nine Ways to Make Space for Water.'

Operations and maintenance	1. Increased maintenance 2. Flood intelligence
Neighbourhood solutions	3. Community-led flood resilience 4. Stream rehabilitation 5. Rural settlements 6. Culvert and bridge upgrades 7. Blue-green networks
Site-specific interventions	8. Overland flow path management 9. High risk properties

Due to St Heliers and Glendowie's ageing infrastructure, The Association is of the opinion that in areas where high flooding is prevalent, there should be culvert and inlet upgrades, as it is clearly evident from after heavy rainfall events that the existing systems are not coping. Therefore, this should be the No. 1 Priority for the suburbs. Second, should be establishing Blue-Green networks, these two priorities are discussed as follows:

Priority 1. Upgrading Culverts and Inlets

There are different methods to upgrade a culvert or inlet depending on the site conditions, design criteria, and available resources. Some possible methods are:

- **Enlarging the culvert or inlet:** This involves increasing the size or number of openings in the culvert or inlet to allow more water to pass through. This can improve the hydraulic performance and reduce the head loss and backwater effects.
- **Lining the culvert or inlet:** This involves installing a new material inside the existing culvert or inlet to improve its structural integrity, durability, and flow efficiency. This can prevent leakage, corrosion, or collapse of the culvert or inlet.
- **Relocating the culvert or inlet:** This involves moving the culvert or inlet to a more suitable location to avoid conflicts with other utilities, structures, or environmental features. This can also improve the alignment and gradient of the culvert or inlet.
- **Replacing the culvert or inlet:** This involves removing the existing culvert or inlet and installing a new one with a different shape, material, or design. This can enhance the capacity, functionality, and aesthetics of the culvert or inlet.

The best method to upgrade a culvert or inlet depends on the specific situation and the objectives of the project. Ideally, a cost-benefit analysis should be conducted to compare the different options and select the most feasible and effective one.

Priority 2. Significance of Blue-Green Networks

Given the coastal nature of St Heliers and Glendowie, and the Reserves that have streams (Dingle Dell, Churchill Park) the establishment of Blue-Green networks is of paramount importance. These networks incorporate natural and engineered systems to manage stormwater effectively while

promoting ecological sustainability. By creating vegetated areas, wetlands, and permeable surfaces, Blue-Green networks offer multiple benefits:

- **Stormwater Treatment:** Blue-Green networks act as natural filters, capturing and treating stormwater before it reaches water bodies. This reduces the influx of pollutants, sediment, and contaminants into coastal waters, thereby safeguarding the quality of the water and maintaining the health of ecosystems.
- **Flood Mitigation:** The networks' capacity to absorb and manage excess rainwater helps in reducing flooding risks. This is particularly relevant in areas like St Heliers Beach, which has faced closures due to stormwater pollutants. Implementing Blue-Green networks enhances flood resilience by providing spaces for water absorption and retention.
- **Erosion Control:** Vegetated areas within Blue-Green networks stabilize the soil and prevent erosion, which is especially crucial in coastal regions susceptible to erosion due to storm surges and high tides.
- **Enhanced Aesthetics:** These networks add green spaces and aesthetic appeal to urban areas, promoting community engagement and well-being.

It is requested that Auckland Council look into these Reserves – Dingle Dell and Churchill Park in terms of being considered for Water Improvement Projects. At present there are no upgrades proposed for the suburbs of St Heliers and Glendowie.

[Stormwater and waterway projects \(aucklandcouncil.govt.nz\)](https://aucklandcouncil.govt.nz)

Coastal erosion also affects some parts of the coast near Glendowie (Glendowie Road) and St Heliers suburbs. These areas need to be considered for measures that can reduce the erosion impacts.

7. Conclusion

The report underscores the urgency to address stormwater recovery and management challenges in Glendowie and St Heliers. Urgent upgrades to aging infrastructure, coupled with the establishment of Blue-Green networks, are crucial steps to protect the environment, infrastructure, and residents' well-being.

8. Recommendation

To effectively address these concerns, the Residents Association urges Auckland Council to prioritise infrastructure upgrades in flood-prone areas (identified, and may be further identified by Council) and expedite the implementation of Blue-Green networks to mitigate stormwater-related issues, safeguard water quality, and enhance the resilience of these suburbs.

References:

Eastern Bays and Glendowie Watercourse Assessment Report April 2020 Watercourse Assessment Report.

Supporting Growth, Assessment of Stormwater Effects, Dec 2022, Auckland Council Resource Consent Document.

Auckland Council.

Report Prepared by, [REDACTED], St Heliers and Glendowie Residents Association.



Storm Recovery and Resilience Consultation

#1943

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Mission Bay Kohimarama Residents Association

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We represent the communities of Mission Bay and Kohimarama. Our communities were affected by major flooding - both on our flat flood-zoned areas and on areas surrounding the overland flow paths that carry the water down the steep slopes of our suburbs.

We also suffered major land slips on the two main arterial routes to leave our suburbs - Tamaki Drive and Kepa Road. Kepa Road was cleared quite quickly, Tamaki Drive took weeks to open and still has crash barriers eliminating the cycle lane. There were also slips on Ngapipi Rd which eliminated the option of travelling via Kepa Rd and returning to Tamaki Drive past the slip area. Bus routes suffered major changes for many weeks due to Tamaki Drive being closed. Houses, parks and streets were flooded. There were further slips on the Shared Pathway particularly on the new link to John Rymer Place.

It's important to note that we have suffered similar flooding and coastal inundation many times in our areas, both prior to and since the events of early 2023. The Auckland floods and Cyclone Gabriel were not an exception.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

3. In the months following the storms, what has helped you and your community get through?

Local social media groups with posts warning of local issues and updating on progress of fixes are helpful due to their timeliness. Our local Councillor is fantastic at providing such social media updates.

The sandbag handouts were helpful and utilised a lot in our area.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

These are things we believe we need to see in order to stem the issues that arise from extreme weather events -

Changes to zoning to stop further infill housing to exacerbate the problem - keep all Single House (SH) zone and Mixed Housing Suburban (MHS) zones on the slopes of our suburbs as they provide urban forest and natural rain gardens with the large grass areas. This is a 'no cost' fix to making the issue worse and a necessity prior to completion of major infrastructure projects.

Maintain Tagalad Reserve - the Reserve land previously used as the Mission Bay bowling club sits central to the Mission Bay flood zone so is perfect for creating a natural rain garden. The building facilities within the grounds are also much needed for use by the community.

Keep and Preserve Kohimarama Forest - currently this forest is in private ownership, and we understand Council are negotiating to purchase it. It contains a stream and overland flow path so aside from being a bad choice for infill housing it is a natural resource that should be maintained for future generations.

Infrastructure Projects - our areas are some of the oldest in Auckland having been settled in the 1920s and 30s. The in-ground infrastructure dates back many years.

Regular Maintenance -

- clearing our street cesspits
- sweeping leaves and sand from streets
- clearing debris from our streams and overland flow paths
- clearing leaves and debris from stormwater drains and cesspits

The regularity of maintenance has declined significantly over recent years and many feel significantly contributed to the levels of flooding in recent events. A regular maintenance schedule needs to be put back in place.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Complete all the initiatives mentioned above.

Continue the sandbag offering.

Make sure the flood gates on Tamaki Drive are shut and the regular maintenance is carried out.

Good forecasting of events would mean communities can get involved and assist with preparation.

6. There are nine possible initiatives outlines 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?

Agree with them all.

Suggest adding the review of UP zoning and ensuring intensification is only zoned for areas that have the infrastructure and geographical qualities to accept the far greater impermeable areas without worsening flooding effects on surrounding existing dwellings. This is a lower cost stop gap solution.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Within our areas Mission Bay suffers the worst from flooding due to little green space in the flat flood-zones area whilst Kohimarama suffers more from coastal inundation due to the road and homes being closer to the sand and sea.

Mission Bay would benefit from infrastructure projects that look at what green spaces we have available to take up floodwaters. We point you towards Tagalad Reserve, Aotea Reserve and the vacant land on the flat in Atkin Ave. These green spaces, which we believe are all under Council management, sit within floodplains and the major overland flow path which carries stormwater from our slopes out to the sea. The houses surrounding them are the most affected by flooding when a storm creates a torrent of water flowing down the valley.

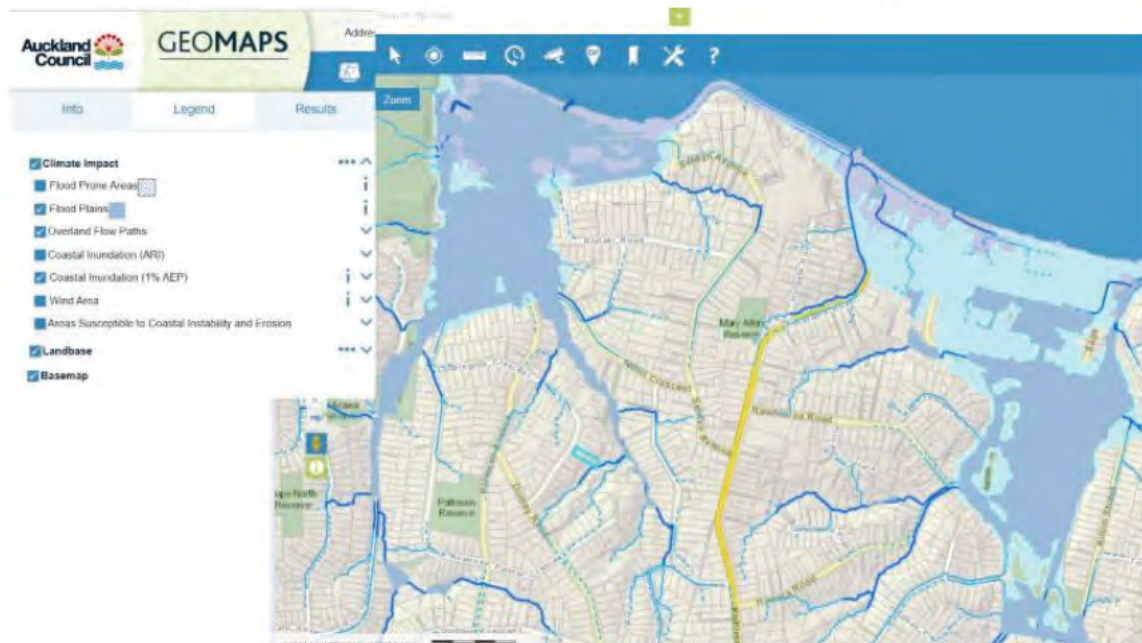
Kohimarama would benefit more from projects that prevent coastal inundation such as work on rocky outcrops to stop storm sea surges and re-sanding the beach.

The beaches along our waterfront are a valuable resource for all of Auckland and its visitors. They should be maintained for the generations to come. We would like to see a long term plan for building out and raising the sea wall to allow more space for movement to and from our suburbs by various means of transportation.

Our 2 suburbs are amphitheatres - with steep slopes side & back



Flood plains show 180° flows from ridges





December 2005

Flash floods hit Mission Bay

30 Dec, 2005 12:27am

① 2 minutes to read



By: Claire Trevett, [Claire Trevett](#)

"The storm water outlet that empties on to Mission Bay was just chundering out water. As the traffic lights in Mission Bay there were a couple of cars abandoned, that's how quickly the water came up. It all happened in about half an hour."



2014 Cyclone Ita – Mission Bay Selwyn Reserve



& Cnr Tamaki Drv / Patteson Ave



APRIL 2017 – Ex Cyclone Debbie – Slip behind Kohi

Jan 2018 –
Kohimarama and
Mission Bay flooding



2018

March 2022 Mission Bay



2 events Jan & Feb 2023 -

- Slips on Tamaki Drive, Ngapipi Rd and Kapa Rd
- Road closures for weeks
- Trees down across Kapa Road
- Trees down in Madills Farm seriously injuring child
- Black Flagged beaches unsafe to swim for weeks



Flooding May 2023





Mission Bay Urban Forest SH and MHS zone



Kohimarama



Storm Recovery and Resilience Consultation

#1950

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I live right on the waterfront at St Heliers Beach. There were no issues here during 2023 and there have been none in the 10 years that I have lived here. But each time there is a storm or heavy rainfall event, I feel fearful and worried. I hope and pray that the council has ensured that all of the stormwater drains are clean and their maintenance has been kept up to date. So far, it has. I hope that this continues.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing but sheer good luck that we have escaped with no issues here

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I still feel nervous driving along Tamaki Drive as damage is still much in evidence and the clay cliffs are still shedding debris. I know that this is being carefully monitored.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

In my area - the Orakei Ward - it is imperative that a high degree of maintenance is maintained with respect to the stormwater drains, and debris on streets. But as a local resident I am very concerned about the degree of intensification of building which is limited green spaces and places for water to go.

6. There are nine possible initiatives outlines 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?

The money must be spent

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes I do. Where is the section about intensification and stricter rules about green spaces rather than endless concrete in developments.



Storm Recovery and Resilience Consultation

#1951

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We are in a flood plain and flood prone area and according to Auckland Council our house could be under 2.5m of water in a 1 in 100 year event. So we were quite stressed wondering how badly our property could be affected but in fact it wasn't affected at all. However two homes on our street did suffer flooding from rising groundwater, so after we thought we were in the clear from the rain.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Our street has banded together to put questions to Auckland Council. Obviously as other areas were more badly affected, we haven't had any contact from Council.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Generally, I want to see some real engagement from Council on how it will improve stormwater resilience. I know that there's always rates pressure, but in all honesty I'd rather see big business take on sponsorship of movies in parks and similar free community events,

and have the Council focus on key infrastructure improvement. I know the recent flooding events came on the back of a wetter than usual year or so, but we can't keep thinking these events are 'unprecedented'. Council seems to think all of its climate change goals will be met by convincing people to use public transport, but there are clearly other things that need to be done too. Locally, I would like Council to front up to our community to what they propose to do to make our local stormwater detention pond perform as it should (without making excuses) and to tell us to our faces if they plan to do nothing, and believe everything is fine.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Cohesion. The Council needs to rebuild trust in communities by engaging and finding out what the issues are. We can't continue to have a band aid mentality to push the problem to future years. I will still be around then, and it will only get more expensive to deal with. We need a cohesive approach to development and move away from ad hoc intensification of residences via carte blanche permission to current homeowners to subdivide and put up to three three storey townhouses on the site of a single dwelling. While more housing is required, it can't be at the expense of stormwater resilience - that helps no one. It will just make more people homeless as their properties are flooded because there was no overarching plan for upgrading infrastructure to take into account the extra dwellings. We need bigger stormwater pipes and culverts, and to look to other solutions - perhaps Council could look to install those fenceline water tanks along fences in its reserves in key locations to hold water and detain it until it can be safely released into the stormwater system.

6. There are nine possible initiatives outlines 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?

1. Increased maintenance - yes please continue this. Just prior to the Auckland Anniversary floods, trees were trimmed in our local reserve/detention area, and chipped to mulch existing trees. In the heavy rain that followed, this all flowed to and blocked the culvert which led water to escape the reserve. Since Council improved its maintenance in our local area, the reserve has been far better able to hold and then release water. However maintaining the existing network on its own will be woefully insufficient.

2. Flood intelligence - yes to this again. However to the extent this information is to be made public, there should be engagement with people whose properties are in areas that Council modelling indicates will experience property-harming flooding to validate that with real experience. Otherwise Council will cause some properties to become uninsurable falsely. Council should also spell out very clearly what its modelling assumptions are - eg assuming there is increased development with no upgrades to the stormwater network, that the entire stormwater network is blocked and unable to hold or carry water away, that the anticipated flooding is based on climate change modelling and a 1 in 100 year event occurring in 2090, or whatever the case may be. Intelligence cannot just be based on modelling, without Council at least visiting properties to validate the models assumptions.

3. Community-led flood resilience - I'm concerned that this will push costs onto local communities to perform work that Council should be doing, and that we pay rates for.

4. Stream rehabilitation - sounds fine, but what of streams that earlier in the document were noted as having been piped/built over? Water has a tendency to find its own path, so what will be done for these streams that we can no longer see?
5. Rural settlements - I am not qualified to comment as I am not in a rural area
6. Culvert and bridge upgrades - yes please. I live in an area where priority has been given to SH1, so in heavy rain, to keep the motorway as clear as possible, water will be discharged towards our property. While I acknowledge SH1 is a key transport route, I would prefer the Council and Waka Kotahi find an alternative solution to keeping water off the surface of the motorway, or provide significant upgrades to the stormwater detention pond to cope with not just residential development runoff, but also water from the motorway.
7. Blue-green networks - provided fair compensation is provided to homeowners where those properties need to be acquired, broadly I support this initiative. In my local area, there's a dead end road next to the stormwater detention pond that floods in heavy rain and damages cars that park there. It may be better to convert that road to a green-blue space, though we don't appear on the list of areas being investigated.
8. Overland flow paths - I do not support enforcement action against homeowners unless as an absolute last resort. Council seems to assume that sellers pass on relevant information to buyers, but that is not always the case. I believe Council should work WITH homeowners, not battle with them, and try to come to an agreed solution, with Council contributing to costs where the overland flowpath is on Council land too (my concern is that Council will try to palm costs off onto homeowners). But broadly, as I mentioned above, water is going to flow where it will, and we are all best to try to work in harmony with that, not fight it.
9. High risk properties - again I believe Council needs to deal fairly with homeowners here, but if Council wants to acquire a property to better manage floodplains, provided it is willing to pay fair compensation (ie market rates) to acquire the property, I can't see too much of an issue with this. Again though, it's about working WITH ratepayers and homeowners - rebuild trust and bring people on the journey with you.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

As mentioned above, there are water tank and detention tank solutions that appear not to have been thought of. Detention ponds should have sufficient drainage to ensure they can drain away within 30mins for a 1 in 50 year event and within 2 hours for 1 in 100 year events. If that is not occurring, the detention pond should be dug out and rectified. Also, I am not sure if thought has been given to making deeper guttering between roads and pavements, so they too could help hold surface water off the roads, and feed it into the stormwater

network. It amazes me that roads are being built and relaid with apparently no consideration given to improving stormwater resilience. Also, could berms be used to become rain gardens and help suck up some water? Has Auckland Council looked (without travelling, much can be done virtually these days and I do not support junkets) overseas to see what other places do to manage stormwater?

Cawley Reserve and surrounds: A summary of recent significant weather events

I have captured a summary of the four significant weather events that have led to flooding at the Cawley Reserve, and the variety of impacts that flooding has had on neighbouring properties. These observations illustrate the impact of inadequate maintenance of the stormwater drains, and also show that even with unprecedented amounts of rainfall, any flooding experienced has been nowhere near the levels indicated on the Healthy Waters flood levels.

21 March 2022

Record rainfall was experienced across Northland and Auckland due to a low-pressure system in the Tasman Sea. A marine heatwave may also have contributed to the intensity of the storm. Across Auckland, NIWA reported several climate stations recorded more than a month's worth of rain in 10 hours, with Māngere recording 93mm, 52mm of which fell in one hour between 9am and 10am.¹ Stuff reported Ellerslie was one of the hardest-hit suburbs.²

Observations

Cawley Street Reserve filled between 9am and 10am, with photos taken at [09.15](#) and [09.49](#) showing the increase in water level. By [14.05](#), the water at the Cawley Street Reserve had receded entirely. However, a significant amount of debris, mostly bark used on the reserve, had collected in front of the culvert that runs under the motorway. On a walk along Cawley Street after the water had receded, toilet paper was observed on and around several wastewater manholes.

Subsequently, the Cawley Street Reserve was blocked off by Council. No information was provided to residents about the closure. The signs closing the Reserve were removed a few days later. Again, no information was provided to residents.

August 2022

Water collected in the Reserve during heavy rain on 18 August 2022. At the end of August 2022, that water was still sitting on the Reserve. Healthy Waters advised this was the intended operation of the stormwater treatment pond at the Reserve. That pond remained for several months. Auckland Council has since advised that water in this detention pond should drain within 30 minutes for a 1 in 50 year event, and within 2 hours for a 1 in 100 year event. It is unclear why Healthy Waters advised the stormwater pond was operating as intended given this more recent information.

19 November 2022

November generally had an increased frequency and intensity of low-pressure systems, heavy rainfall events and thunderstorm outbreaks.³ In particular on 19 November, severe thunderstorms were experienced across the Auckland region between approximately 18.00 and 20.00. Central Auckland

¹ <https://www.stuff.co.nz/national/weather-news/300545877/thousands-of-lightning-strikes-across-auckland-and-lower-northland>

² <https://www.stuff.co.nz/auckland/128111992/auckland-traffic-and-weather-for-march-21-2022>

³ <https://niwa.co.nz/climate/monthly/climate-summary-for-november-2022>

experienced a short but powerful deluge at around 18.30.⁴ Prior to this, water remained in the Cawley Street Reserve in the ‘stormwater treatment pond’ area, having been there since the heavy rainfall events in August 2022.

Observations

Again, Cawley Street Reserve flooded. Water was [seen](#) gushing out of the culvert under the motorway and into Cawley Street and the Reserve.

Water [collected](#) in the Cawley Street Reserve and Cawley Street. As the water receded, it remained in the stormwater treatment pond area.

27-30 January 2023: Auckland Anniversary floods

Central Auckland experienced its wettest month in at least 170 years, receiving over 45% of its yearly rainfall in January 2023. NIWA reported that an entire summer’s worth of rain fell on 27 January 2023 alone, describing it as an ‘at least 1-in-200-year event’.⁵ The Māngere climate station recorded 859% of normal January rainfall in January 2023, with 265mm of rain falling on 27 January 2023.⁶

Observations

Cawley Reserve and Cawley Street [flooded](#) again while the rain was falling on 27 January, but water remained in the Reserve and did not encroach onto neighbouring properties.

However, [Surface water](#) in the reserve and some surrounding properties continued to rise and pool over the following day. This water was ground water rather than overflow from the reserve. The drains on the street were clear and flowing, as was the culvert in Cawley Street. Some residents cleared bark away from the [culvert](#). Water from the reserve was continually pouring out onto the street. The water level slowly receded.

14 February 2023 (Cyclone Gabrielle)

No significant flooding was observed at the Cawley Street Reserve during this event. However, soon after this, most of the pittosporum trees in the Cawley Street Reserve died abruptly.

9 May 2023

Auckland experienced a sudden and (seemingly) unexpected rainfall event around 12.00 on 9 May 2023. Knowledge Auckland categorized this event as a “moderately heavy rain event superimposed on an extremely wet environment.”⁷ This meant that while rainfall intensities were generally less than the 10-year annual recurrence interval (ARI), significant flooding still occurred in some areas.

⁴ <https://www.nzherald.co.nz/nz/weather-severe-thunderstorms-sweep-over-auckland-region-causing-flooding-and-damage-to-property/CMGOUTRFFFHJAEJVJ5CHRNVIQ/>

⁵ <https://niwa.co.nz/news/auckland-suffers-wettest-month-in-history>

⁶ <https://niwa.co.nz/climate/monthly/climate-summary-for-january-2023>

⁷ <https://www.knowledgeauckland.org.nz/publications/auckland-storm-event-9-may-2023-rapid-analysis>

Observations

During this event, Cawley Street Reserve and Cawley Street flooded again, which also flood several vehicles parked on Cawley Street. Water was also [seen](#) erupting out of one of the stormwater manholes on Cawley Street.

As at today's date, 31 August 2023, the stormwater retention pond at Cawley Reserve is still holding water.



Storm Recovery and Resilience Consultation

#1953

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our local community was minimally affected much to our surprise.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

N/A

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We were not badly affected

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Keep your maintenance up to date

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1974

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Your feedback

Local Board: Ōrākei

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our home and property were flooded causing major damage. We have an EQC claim lodged and await an engineer's report. Our immediate neighbors and a large number of our local community were also affected. We have all known for many years that the stormwater in the area was completely inadequate but were absolutely devastated by the damage caused by the January flood.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

NOTHING!! It is impossible to speak to anyone at the council. I have been trying for 3 months and nobody returns your calls. The community feels extremely vulnerable, knowing that our stormwater is completely inadequate, and knowing it could happen again at any time.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

It will be many months before the damage to our property is completely repaired. I find myself suffering from PTSD every time it rains. At this point I need an assurance from council that something will be done to stop this from happening again- community level and property level interventions.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

UPGRADE THE STORMWATER! When we moved into our house 25 years ago, we were told that the council were going to dig up the pipes on our property and replace them with bigger ones. IT NEVER HAPPENED. So much infill housing permitted by council and no stormwater upgrades to compensate. Only half our street is sealed. The other half is chip which washes into the drains and blocks them!

6. There are nine possible initiatives outlines 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?

- '- Increased Maintenance is not enough. Upgrades required.
- It's a bit late for flood intelligence. We've built our houses now, with permits from the council!
- Also, a bit late to talk about infringement notices for blocking overland flow paths. We didn't know they existed when we built our houses, fences and walls 25 years ago, with permits from the council.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

- '- Don't allow floodwaters to flow unabated through 50 properties. Fix the problem at source.
- Build bigger catch pits and install bigger pipes.
- Don't approve individual properties installing smaller pipes than the ones upstream.
- Consult with affected communities and individuals.
- Update homeowners when more information about their properties comes to light. None of the local community had any idea about the flow paths, not available on your website flood plain map.
- Council has let us down every step of the way; from approving the sub-divisions which we later purchased (two-thirds is covered by flow path), lack of any upgrade to stormwater in the last 25+ years despite huge numbers of infill housing, to zero support in the aftermath of the flooding.



Storm Recovery and Resilience Consultation

#100

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My rental was fine. Neighbour which is a step lower than us got flooded in the lower floor. However their gutters surrounding their home were full of dirt and organic matter.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Asking if any friends need help

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing. We weren't terribly affected in Papatoetoe

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Infrastructure

- 6. There are nine possible initiatives outlines 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?**

Good

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#114

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was not affected however our community did experience localised ponding in the south Auckland area.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Lots of prayers, and support from council for affected households.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Continued and prompt response from council to assess the flood issue, and provide prompt solution to fix the flood issues, and advise on what to do next should the house flood again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Planning and having solutions in place. Careful assessment of existing and new overland flow paths to ensure it has capacity to freely drain the 100-year flows without adversely impacting the habitual dwellings. Avoid new builds on overland flow path areas, flood areas and illegal blocking of overland flowpaths by residents. Ensuring new builds have adequate freeboards against flood waters and some floors have less than minimum freeboards. Regular removal or mitigation of 'choke' points in the stormwater pipe and river system to avoid surface flooding in a 100 year event. Deepening rivers/ increase river capacity if possible. Regular maintenance and cleaning of rivers/ streams and inlets/ outlets and flap valves, stabilizing the riverbanks by planting etc. Upgrading SW pipes if feasible to take larger flows to assist with lowering the overland flow depths. Advance warnings of upcoming storm that could cause flooding to assist people to move (week if possible). Plenty of recovery centres where people can move to during flood events. Educating the people on flood zones shown on GIS as some people do not know they are buying a property located in a flood zone, and end up suffering after getting flooded. Changes to AC CoP to allow storm pipes to be designed for larger than ARI than 10 year if feasible. Provision of flood gates for vulnerable houses to avoid flood waters entering the dwelling if feasible.

6. 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?

As long as the people can afford the rates increase, and as long as it is reasonable.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Not sure yet.



Storm Recovery and Resilience Consultation

#211

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No flooding in my neighbourhood

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The occasional communication

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A coordinated response from a council that is working together instead of bitching with each other, especially a couple of high profile individuals

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Be more AWARE and more knowledgeable, get the brain cells working

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Regular maintenance of streets , public areas

Why should ratepayers have to always clear drains, berms, channelling



Storm Recovery and Resilience Consultation

#243

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Impacted flooding experienced enough to cause damage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Just got on with it, damage was lucky minimal to what others experienced

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We were OK, just concerned around the drainage and blockages we can't see.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I'm not sure how active the drain cleaners and culvate cleaners are. Could increase here, however there already maybe Inplace

6. There are nine possible initiatives outlines 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?

Rates are jumping up quite high at the moment, I get we need money to do these tasks, it's more a concern how efficient the money will be spent.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Looks at overseas success stories, be innovative



Storm Recovery and Resilience Consultation

#286

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There was more surface flooding than I'd ever seen before - up to 20cm in the backyard. This was, however, found to be due to unmaintained drains, and excessive roadway run off from badly designed driveway kerb.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better stormwater drainage network and especially maintenance including street sweeping. Drains often blocked by leaves which are from council owned trees.

6. There are nine possible initiatives outlines 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?

Clear the drains and invest in improvements.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#357

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Houses were flooded resulting in people need to relocate and caused extreme inconvenience to the families it was very devastating

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

It was hard getting through and government needs to have a better plan in place to face such situation in future

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

If houses damaged by flooding are fixed and Families gets some reimbursement for the inconvenience

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By planning strategically and having proper action plan in place as it seems to be the new norm now

6. There are nine possible initiatives outlines 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?

You are already putting heavy taxes on the working class.be ashamed if you are planning to put more pressure on them by increasing rates.go and taxed the billionaires who are doing tax evasion. Your government has done disaster to the economy pushing NZ into recession. More rates is a shameful act from your end

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Build dams like the hydroelectric power projects without putting pressure on general public by increasing taxes



Storm Recovery and Resilience Consultation

#463

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We own a property in waikato so there was some flooding but not to bad

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Just keeping in touch with news and updates

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Having a good plan by the government to prevent to protect against such future events.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

HRepair all the flood affected bridges and road. Improve storm drainage across the country

6. There are nine possible initiatives outlines 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?

I know it is an increased burden on home owners but it will have to be done

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes building storm water drainage networks especially for high flooding areas



Storm Recovery and Resilience Consultation

#470

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

no affected where I live. that was just fortuneate.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

make sure drainage is not blocked and keep on eye with debris.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We are ok but I saw some areas are still not recovered and nothing has changed after Cyclone Gabrielle.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

More extreme weather is expecting and roading, stormwater and infrastructure are well maintained.

6. There are nine possible initiatives outlines 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?

Need money to improve so not much we can do about those plannings.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#630

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was only slightly affected by the extreme weather events. Some public transport issues and excess water on the roads.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

'_

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

'_

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I think the high density infill housing strategy is going to mean the storm water and road flooding will become far greater problems.

6. There are nine possible initiatives outlines 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?

All of these initiatives seem good. I would ask why many weren't already in place?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

A crowdsourced map for logging flooding events (and impact) on a per property basis to help identify and prioritize areas that need addressing.



Storm Recovery and Resilience Consultation

#636

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Alot of debri and rubbish flying around and very heavy flow of water blocking drains.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

The community as a whole professional or not helped each other out especially our elderly in our street

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better infrastructure, better management of drains on roads. Better rubbish collections of inorganic materials to stop dumping in our creeks causing major blockages to drainage systems

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clean up your own back yard first. Stop making the mess and then whinge about blockages. We are ALL RESPONSIBLE, council did not dump the rubbish on your doorstep. There is so much in place to tackle these weather events but lack of leadership in past and present governments had pushed for one council and this is the result. No one council can look after the individual districts..There are too many monetary sinkholes. Auckland has become Super Stupid City and this is too big a job to clean under one council of misfits and their beehive friends.

6. There are nine possible initiatives outlines 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?

Rate payers keep forking out for council and government stuff ups. When will it end and how is this fair to rates payers when majority of Aucklanders rent.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

COMMON SENSE



Storm Recovery and Resilience Consultation

#640

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Your feedback

Local Board: Ōtara-Papatoetoe

- 1. How were you, and your local community, affected by the extreme weather events in early 2023?**
- 2. Was your home flooded or damaged during the extreme weather events in early 2023?**
- 3. In the months following the storms, what has helped you and your community get through?**
- 4. What would help you and your community feel like you had 'recovered' from these extreme weather events?**

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Ensure all culverts are cleared and maintained regularly and streams are clean and clear of rubbish. Also street gutters and cesspits cleaned and cleared regularly

6. There are nine possible initiatives outlines 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?

Great initiatives but ACTION is what is required

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#752

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not really

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Porous concrete, sink water into landscape more, move the houses rather than demolish.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Curbs need regular cleaning when heavy rain seasons, and resurfacing of roads needs to stop leaving lots of gravel in the curbs, slowing water running into stormwater system. And that gravel ends up in the system as well. Clogging pipes.



Storm Recovery and Resilience Consultation

#806

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not bad. Some roads impassable.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Talking, discussing emergency plans and preparing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Help keeping rubbish out of storm water drains, so regular roads sweepers

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Advanced warnings. Clear instructions on how to prepare in advance, where to go for advice and help

6. There are nine possible initiatives outlines 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?

Ensure proposed work is carried out alongside other initiatives that could be joined and save money, e.g. replacement of storm water pipe and repairs to the road above. Don't do one then come back 6months later and dig up road to do pipe!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#843

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Localised flooding of roads and properties due to blocked drains and excess water

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Helping each other

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better monitoring of road drains and local coordination/ relevant guidance and information given to help individuals play their part in preventing more damage

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Planning for more and worse events well ahead plus keeping everyone informed in a timely fashion and keeping this up long term

6. There are nine possible initiatives outlines 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?

We need to spend to make Auckland more resilient to adverse weather events, either drought or excessive rain related. I agree with these initiatives.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

More education for property owners about the issue of converting all lawn into non-permeable spaces for car parking. This needs to be backed up perhaps with some kind of fine and also include developers of infill housing.



Storm Recovery and Resilience Consultation

#858

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I wasn't personally affected except that I had heavy rain. Travel to some places I visit was disrupted for a while.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#884

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

i live in South Auckland

the most affect we had was SW down pipes could not cope with the extra rain loads.

also Alot of the road flooding was for the same reason!.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Auckland, Still have some infrastructure that has been able to bring back some normality.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

no major damages has accured!

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

1_ increase the capacity of the existing storm water system!.

2- slow down the construction of the thousands of new build homes that are slowly but surly

are over whelming the the existing SW system.

A Fact that the council seems to brush Aside!.

6. There are nine possible initiatives outlines 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?

STOP fixing the exterior Paint of the Problem

And look deep into fixing the root of IT.

Please See above 2 Practical & most realistic solutions (in my opinion) for a problem that began to increase because of bad City management!.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Same As above.



Storm Recovery and Resilience Consultation

#954

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Stuck at home.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Regular communication from Community Members.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Visit.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Contingency plan for storm water and emergency food stock.

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#965

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Because of all these dense housing and no proper drainage system, places like our garage and basement are getting flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

I have to clean the shit alone. Nothing from Council.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Still haven't recovered

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do proper drainage with the money you get providing resources consent

6. There are nine possible initiatives outlines 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?

Ohh really! Where will the money actually go to?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Roadwork and more roads. Stop traffic jams happening



Storm Recovery and Resilience Consultation

#1332

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Fortunately, we were largely unaffected by both the early 2023 storm events; Anniversary weekend and Cyclone Gabrielle

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing to add

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Look at where we're building houses and what type of houses are being built. Many of the high-rise and multi-unit homes have very little green space around them so nowhere for water to go if stormwater drains are at capacity. Also look at places where trees and vegetation are being removed and not replaced with anything that helps absorb water or hold the land/soil in place (prevent slips).

6. There are nine possible initiatives outlines 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?

All good initiatives that should be funded over the coming years. Even though we weren't affected by the above events, we realise it's important to build greater resilience into our infrastructure and we all have to pay for it. It may not have been us this time, but it could be next time if infrastructure and the ways/places and types of homes we build are not addressed.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Look at where we're building houses and what type of houses are being built. Ensure we are not building in known high-risk flood-prone areas. Ensure we're not building too densely to deal effectively with water. Many of the high-rise and multi-unit homes have very little green space; no grass or trees, so nowhere for water to go or be absorbed if stormwater drains are at capacity. Also look at places where trees and vegetation are being removed and not replaced with anything that helps absorb water or hold the land/soil in place (prevent slips).

You should also be considering how we capture more of the water that falls on Auckland for future drought resilience. I'm not sure what the answer is here but new or bigger dams may help future-proof our water supply too.



Storm Recovery and Resilience Consultation

#1338

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Yes, caught in the floods at the time. Home damaged by water runoff in the subsequent days.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

we just got on with it and did the repairs ourselves.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I want more warning before and during extreme weather events about the risks. There should be an app with live updates that the public can upload pictures to so the council can see e.g. damaged / blocked culverts etc. There should be notices so the public can see what roads are closed and if 1st responders are prevented from accessing a particular area/site due to slips, downed power-lines etc. In an emergency it would be helpful for the public to know the capacity of responders so that they can take actions themselves to assist if 1st responder emergency services are overwhelmed by callouts.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better communication before and during the events. Better control of overland flow paths by slowing flooding, containing water in many more dedicated catchment areas. Remove high risk properties.

6. There are nine possible initiatives outlines 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?

Save lives first. Save time second. Save money last.

Remove high risk properties as soon as possible - turn them into parts of the blue/green networks. Plan smarter, ensure land developed adjacent to blue/green areas has committed landscaping that extends the usefulness the adjacent blue/green areas. Incentivise developers of properties adjacent to blue/green areas to extend their landscaping in ways that add to the 'character' and particularly the functionality of the blue/green areas.

stream rehab needs to be from maunga to moana and not just focused design upgrades in suburban Auckland regions. Any land that has easements allowing water run-off onto neighbouring properties needs to be reviewed. Those landlords need to do more to prevent water waste, recycle water on their own land, store water on their own land and stop any chemical/spray/farm effluent run-off from happening. It should not become the problem of downhill and downstream neighbours to bear the brunt of addressing flood risk and they should not have to be solely responsible for waterway protection.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Upgrading properties for water efficiency is not as high a priority for homeowners as other energy efficient upgrades because the cost of paying for water is still cheaper than power and petrol. Most major banks lend about \$80K for ~3yrs on low interest loans however homeowners are incentivised to prioritise spending on upgrading insulation, heating, changing to an electric car etc instead of upgrading our water efficiency and use. It would be good to see longer term cheaper loans via the council for landlords as an alternative to bank lending so that we can install water efficient toilets/tapware etc and especially to install water tanks to recycle rainwater to the toilets, laundry and gardening. We could also link those tanks with efficient water heat pumps and solar for efficient energy use in homes. I want to do these changes but cannot afford it via my bank. It would be good to see the council offering low interest options to support home owners to do this.

Many developers/builders are putting rain water tanks in their front courtyards without any effort to consider how they dominate their own landscaping which diminishes the value of landscaping and the overall aesthetic of properties on the street. The tanks should be put in less intrusive locations e.g on the side of a home or away from the street view. They are wonderful additions for efficiency but terrible for the aesthetics of the street. They should not dominate the space for tenants wanting to enjoy their outdoor look from their main living areas and they should not dominate or intrude on the aesthetic when looking at the property from the street. Please stop developers doing poorly considered design and slapping those things on as an afterthought. They look hideous, they should not be allowed to do sloppy upgrades or last minute designs like that. Tenants living there should be able to maximise their landscaping views. Neighbours living there should too.



Storm Recovery and Resilience Consultation

#1356

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not much the stream near me has been connected to a large culvert recently so was not overwhelmed

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Proper prevention put in place, public places repaired

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Put people before profit, listen to your professional planning people. Don't let greedy developers override sensible decisions

Build up with space for people and water

6. There are nine possible initiatives outlines 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?

Invest in good systems, keep costs of running the city reasonable by keeping it compact

Stop the sprawl, it makes the city too expensive to run. Insist on intensifying the inner suburbs

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1671

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minor affect.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Japan (for example) has built caverns in Tokyo to temporarily hold rain water. Might there be some benefit of Auckland "crowd-sourcing" this feature? Encourage / subsidise the installation of home water tanks on properties. Upon forecast of heavy rain, ask resident to empty all their tanks into the stormwater system prior to the rain arriving.

This might have the effect of spreading out peak volumes and let stormwater systems cope better.

The added benefit is these systems are also useful during periods of drought.

6. There are nine possible initiatives outlines 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?

All 9 seem like good ideas. One additional thought could be for flat undeveloped areas (like sports grounds) which are already prone to flooding to be lowered further. They could become a storage area containing large volumes of water, preventing it from overflowing onto neighbouring properties.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1788

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Your feedback

Local Board: Ōtara-Papatoetoe

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding. Unable to travel to work due to flooded roads and neighborhoods.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Support from friends & families

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Monetary support. Vouchers to help with costs of alternative transport.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Don't cut costs on storm maintenance. Also giving more support to flood prone areas. Do not build homes or business in these areas!!!

6. There are nine possible initiatives outlines 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?

Do it! It will safe guard and prepare us for more global warming disasters. Dock the mayors salary!! Get these leaders into some training to learn how to communicate clearly and effectively. Accept that global warming does exist - off course the boomers like the major will never understand this. Don't waste our time with doom and gloom or finger pointing!! We need action now!!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Educate leaders!! Remove them if they can't deliver!! Limit the mayors reign to yearly!! Get rid of Wayne brown and all those boomers. We need future thinkers who can adapt and change.



Storm Recovery and Resilience Consultation

#208

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Your feedback

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I own 10 yellow stickered (since Jan23)apartments in CBD auckland , no insurance payouts yet, no rental income received, some rates relief Grant's, but 80% still no assessors reports for insurance claims for loss of rents!

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Lots of empty rhetoric, promises, no action that matters,

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Stop passing the buck, blaming everything everyone else, it's the putting right that matters most

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Enough solutions and experiences overseas (e.g Singapore, Taiwan) for 1 in 50 years downpours

6. There are nine possible initiatives outlines 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?

Stop making only rate payers pay for them only - as central +local govt + developers+ insurers+bankers+owners have a share as the cost of this 27Jan23 will cost more than 1.65 billion!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

With climate change, sea level rises, abnormal weather events, agreed national legislations with shared costs between all parties need to be legislated e.g between central, local govt, insurers, bankers, developers, owners etc especially for managed retreat, flood plains, all risks such as landslips, fire, storms, droughts, wind, etc



Storm Recovery and Resilience Consultation

#297

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Your feedback

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

really bad put still safe thankfully

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Affected by slips or landslides, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

making sure we're ok and helping each other clean up

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

get everything repaired and fix future problems

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

more drains fix the roads put barriers up for open roads motorways and highways

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#715

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Your feedback

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We have investment apartments in Auckland CBD and they were not impacted

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Have more rain gardens, grass and less concrete

- 6. There are nine possible initiatives outlines 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?**

Long term investment is good

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#933

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Your feedback

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was a colleague of the two firefighter who was killed in Muriwai and involved in the incidents caused by the cyclone.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

People in the community working together

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Yes, the current Auckland Emergency Management Plan is completely inadequate. Staff and managers had been repeatedly warned this was the case, ignored this advice and didn't act to address the issues. Emergency Management has been seen as a soft option for cost cutting and the type of staff employed were not suitable to deal with the sorts of issues the city faces. AEM needs to urgently review it's plan and get back to the locally based management that was in place in the first few years following amalgamation. There need to be more field workers who build relationship at a community level, know the local risks and issues, and are empowered to build resilience at a local level.

6. There are nine possible initiatives outlines 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?

Aucklanders seem to be adverse to paying more rates for the scale of work required to improve the city I don't hold out much hope this will change as long as politicians pretend that rates can be held down and if the council can save some money somewhere it will be OK. This attitude has failed Auckland.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1207

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Your feedback

NZDSN

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There are around 700 contracted disability support services throughout New Zealand. About 60% of these can be found in the greater Auckland region. The type of services vary considerably from large-scale residential support providers to shared homes for up to five people, to activity services, to support services that visit the residence of a disabled person to provide support, and so on. Support services are provided by large corporate entities down to individuals contracted to provide one-on-one support for a disabled person.

All services in the Auckland region were impacted by the extreme weather events, some mildly and some extensively. All found that their staffing was impacted as a result of individual staff being adversely impacted or unable to travel to/from their place of work.

Communication (short, clear and reliable) was a key issue to giving confidence that there was a single agency in control and leading the response.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Affected by slips or landslides, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

For many of our members in the region, they acknowledge the efforts of emergency services, Whaikaha and the local Council to respond to this unique situation. For others, they acknowledge and value to response shown by their local disability community. For some, they found any support or response difficult to come by and remain feeling "cut off"

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Hearing that a suitable response structure has been put in place that is activated in the event of another significant regional event. And that a process is put in place to identify and respond to issues on a regular basis, with clear, concise communication across the sector to give confidence to people that recovery is underway.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By their nature, events like these are (hopefully) rare. Because of this, it is acknowledged that being prepared can be difficult. Knowing that there is a contingency plan in place that is regularly tested is a good first step.

6. There are nine possible initiatives outlines 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?

The focus of the initiatives is on water-based impacts (ie: flooding, etc). While this is a critical feature of the weather events experienced, there are other issues that impact on the lives of disabled people, such as communication, transport, the provision of and continuity of support, etc. Many communities within Auckland and elsewhere would argue, since the flooding has abated, that they feel they are still "cut off" and "forgotten".

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Does the council and other related agencies in the greater Auckland region have an accurate list of disability support service provider location and the locations of the services they provide? Do those agencies understand the nature of these support services and the varying levels of dependency involved?

Please feel free to contact the New Zealand Disability Support Network (NZDSN) for further advice and information.

Peter Reynolds

027 534 6472

peter@nzdsn.org.nz



Storm Recovery and Resilience Consultation

#1221

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Your feedback

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not personally affected but increased my anxiety about future extreme weather events due to climate change.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Being connected in the real world.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing meaningful change in the face of the climate crisis.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Divest from fossil fuels, invest in community resilience: community gardens, public transport, libraries and other community centres.

6. There are nine possible initiatives outlines 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?

It's about time! Wetland restoration (eg. mangroves), stormwater capture (retrofitting and for all new builds) and making more surfaces more porous are vital to manage water running off so much tarmac, concrete and roofs.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Stop building out. Build up.



Storm Recovery and Resilience Consultation

#1938

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Your feedback

Local Board: Outside Auckland

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My commercial building has been flooded three times since August 31st 2021. My tenants have had to endure this along with the extensive period of fixing all the damage caused to their tenancies. They have suffered lost income; I have suffered lost rents. My insurance broker has not been able to get me insurance for Flood damage in the future. The next event we have I will be footing the bill myself. Two of the last three events has caused in excess of \$400,000 damage per flood. My building is now unsaleable. The stress of all this is causing lost sleep constant watching of weather forecasts and general health issues.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

I can't really think of anything.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that infrastructure has been put in place to stop this happening again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Knowing that infrastructure has been put in place to stop this happening again

6. There are nine possible initiatives outlines 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?

I'm happy to pay extra to have the problem fixed fast.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

The utmost urgency needs to be given to this with also the highest priority for funding over any nice to have projects. All nice to have projects should be put on hold until the lack of infrastructure is resolved.



Storm Recovery and Resilience Consultation

#21

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was caught in the middle of the 31 January flooding as I was on the way to the Elton John concert, my community had some areas flooded badle and some not. My own property coped very well, my green lawn area is definitely showing signs that indicate the ground water/water-table is satuarted.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The local marae opened its doors to the community as did the Sikh community. Everyone has worked together across the local social pages to check-in on all neighbours etc.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Knowing that there was infrastructure resilience in the upcoming developmental areas in the rohe. Keeping streams and rivers unclogged and not relying-on/trusting private property owners to do this.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Deliver clear messages on who should be looking after what, ensure that residents understand the importance of the secondary flooding systems and why they will see water above ground with large rain events. Have clear messaging on what people can do for themselves and where they can go if they need help of any sort through events.

6. There are nine possible initiatives outlines 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?

They all seem sound, it is not clear on what if any buy-out process will be at this stage.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#116

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Personally, and locally we were not badly affected, apart from being very wet.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No real problems to solve locally

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I think we have already

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Your plan sounds great, and if implemented will certainly make a difference.

6. There are nine possible initiatives outlines 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?

No, apart from hoping the Gov. will help and ALL the cost won't fall on Auckland taxpayers.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I think that having all new developments to have each house with a large storage capacity of say 10,000 liters to help as a buffer could help.



Storm Recovery and Resilience Consultation

#186

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No need

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The mayor needs to care, and be around when required

6. There are nine possible initiatives outlines 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?

As usual, you will be inefficient with our money

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Don't allow future development in floodplains. Simple



Storm Recovery and Resilience Consultation

#234

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Blocked sess pit grates saw roads flooding. At the bottom of Youngs Rd Papakura the whole reserve washed out several times into the estuary this year as multiple sesspits unable to cope with the volume of water, I have resown the grass there several times but barely any top soil left now. Culvert there is also damaged so water running into a hole in the road next to sesspits.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

We are fairly fortunate so that it had minimal effects apart from a fence blown over which neighbour's were happy to help with the repair.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We have to accept that climate change will bring extreme weather events on a more regular basis due to our own collective actions.

A public perception that we're holding major corporations contributing the most to global warming more accountable might help.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

If all the sess pit grates in the roadside around where i live are blocked with rubbish and leaf litter then i presume the rest of Auckland could have a similar problem. So perhaps employ someone to keep them clear on a more regular basis.

6. There are nine possible initiatives outlines 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?

Sounds like a great start.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Stop housing intensification as infrastructure is struggling to cope. At some point we will reach saturation point if you'll excuse the pun.



Storm Recovery and Resilience Consultation

#270

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

School closures, flooding in nearby streets, difficulty moving around our suburb. Local community suffered additional financial burden as a result of property damage and access for services to remediate damage

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

supporting each other.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Organised access to support services for those most affected, rapid insurance assessments, and access to alternative accommodation while their homes were uninhabitable. Knowing they are not alone and there is support available.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better communication about possible severe weather so individual households can prepare for such events. Clear signage and access to alternative routes to navigate around flood prone areas. Clarity around the role of National Emergency Management and information on where to receive up to date information about localised issues.

6. There are nine possible initiatives outlines 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?

we need to have a balance approach to mitigating future flooding events, and it seems infrastructure needs to be fit for purpose, particularly now we have higher density housing. Flood management plans need to be engrained in the development process for all new developments. It makes sense to utilise our public spaces as blue-green spaces in storm events, however we also need to ensure there are safe places close to flood prone areas for affected residents to seek refuge in future events. Developing education programmes in flood prone areas about how to prepare for and protect their property during severe weather and ensuring our civil defence alerts effectively reach and inform residence to enable them to take precautions and plan their individual response.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Incentives for existing dwellings to install water retention/detention tanks to reduce storm water demand on infrastructure.

Greater education around how to prepare for severe weather, and guidance around flood management interventions individuals could landscape into their own properties to stabilise soil structure and prevent excessive run off from their properties through the use of permeable surfaces for driveways and pathways.



Storm Recovery and Resilience Consultation

#330

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We had flooding but it was minor

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Weather warnings to stay off roads and at home.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Seeing maintenance inspections on storm waterways creeks, checking and maintaining of trees

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Upgrading old bridges, creeks and ensuring water areas drains etc are clear

6. There are nine possible initiatives outlines 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?

There are some great options available including educating the community

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#411

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

- a) have a 40 year plan showing where houses, roads, shopping centers will be built. This will stop developers building houses where they should NOT be built
- b) publish it, so no one is taken by surprise when new infrastructure is actually built
- c) buy back houses that are likely to be impacted in the future. DO NOT wait for the next event and then buy back

6. There are nine possible initiatives outlines 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?

- a) tax the multinationals to get additional revenue
- b) get really serious about money laundering to raise additional revenue. Stop acting dumb when the money was laundered overseas
- c) extend the confiscation of property gained by crime

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#446

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We were minimially affected in the Karaka area

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Keeping main roads clear of stormwater and debris

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/A

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Develop civil infrastructure services that can cope with the larger amounts of rainfall.
Develop roads and highways with more high-spec solutions.

6. There are nine possible initiatives outlines 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?

Stop with posters and collateral...most people know what to do what flood waters rise. You will always have the odd person, but don't waste money on Flood Intelligence.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Refer to Japan. They are one of the top 3 rated countries when dealing with floods. Let's learn from them and not re-invent the wheel.



Storm Recovery and Resilience Consultation

#650

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not at all. We have had much worse in previous years.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We were not affected.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Some sun shine

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop cutting back on services and carry out the normal requirements of council to satisfy it's charter to ratepayers.

6. There are nine possible initiatives outlines 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?

Just get on and do it - that's what you were elected for.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

No! - we need regular clearing and maintenance of the current infrastructure to minimise much of the flooding. We NEVER see any drain cleaning or street sweeping in our suburb anymore.



Storm Recovery and Resilience Consultation

#691

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Normal heavy rain with overflowing storm water drains

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Life has been normal, so nothing to 'get through'.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

N/a

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Keep storm water drains maintained and regularly cleared.

6. There are nine possible initiatives outlines 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?

They look fine - the sort of thing we should have been doing as a matter of course anyway.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#696

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My local community was not affected by the floods. However, we live near the ocean and so flooding is something that will affect us in future.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Knowing the communities stepped up to assist in the immediate aftermath.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To know that everyone that had a home affected, was actually being helped to get back into their home. To hear stories of people still having to pay for secondary accommodation whilst they are paying for their rent or mortgage is not great to hear, especially as there is no plan to fix this. To hear that 10 months on there homes have not even been assessed, and to know other areas are also in this state too is pretty bad.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Look to the Netherlands, they are below the water table and they had one single massive flood to a village in 1953. Everyone knows of this event, it was huge in that houses were flooded and ~1800 people lost their lives, caused by both a storm event and insufficient dykes. This led to a revamp of their entire dyke system to ensure it could handle the future events. To hear this, given we have these types of flooding events where houses and land flooded, across the country often, was disappointing. Disappointing to know we just accept these types of events and are doing nothing to stop them from happening, given they are happening more often. We are slow to act, slow to respond and slow to future-proof because it's always about the money, and not about the fact we are losing lives and livelihoods as a result. It's well known that it costs less money to stop the emergency department from being overloaded in the first place, than it does to treat the emergency after the fact.

6. 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?

Increased maintenance - Why is the catch pit cleaning only occurring two-three times a year? If this is an identified issue, then this needs to occur far more often to ensure there isn't an issue in the first place. The cleaning and clearing of the affected areas should not be just happening immediately before a possible flooding event. Because if you already have a blocked drain above the ground, you likely also have blockages in the actual drain already. Road sweeping should be happening like it used to, at least once a month in each community.

Flood intelligence - great idea.

Community-led flood resilience - great idea.

Stream rehabilitation - great idea, let's finally start the clean up that should have been happening.

Rural settlements - great. We need to ensure we don't ignore our rural areas that we then use for land to expand on. It's not okay to allow flooding to occur 'just because it's open fields', this is still an issue we need to fix. There might even be a new technology we could develop as a way forward to ensure fields are acting as water catchments that feed to local water storage. Aka tanks that filter water and move it away from the fields most at risk of flooding, to help with drainage and serve the local community with more water in times of droughts.

Culvert and bridge upgrades - yes great idea, we need to ensure our bridges are not washed out each time, because it cuts communities off completely.

Blue-green networks - good idea, we need to stop this mentality we can build on low lying areas with no repercussions. We need to stop pretending we can create concrete jungles with no affect to the natural world. If we want to live in these areas, smarter ways of living need to occur, if we incorporate the natural into our lives, rather than trying to make it form around us, we will see far fewer issues in future. The natural environment has been around much longer than us, we need to stop being so naive or selfish in thinking we know best, because it proves us wrong every time.

Overland flow path management - I wasn't aware of this being a thing, so more information about this would be very helpful.

High risk properties - this is unfortunately critical to ensure safety, as much as I can understand it being very frustrating to the owners. I think this one needs to be carefully approached. If the flood prone risks were highlighted prior to purchase (aka they were on a known area) then hopefully, they understand why this is happening, why this is necessary. However, if this is a new thing for them, and the recent floods showed something that wasn't previously identified, personally, I think the homeowner needs to be properly compensated. It will be a massive shock to them to have to lose their house, to have it damaged, to have lost all of their belongings. This is not a fair situation, and realistically anyone could find themselves in this place. If nothing can be done for their home/land, they need to be fairly compensated for this, to ensure they are not worse off finding a new home. And maybe this is where the insurance companies need to come to the party, where they need to fully insure these types of situations rather than pretending like a massive storm event isn't covered under insurance.

I personally do not pay rates, as I don't own a property. However my mother does, and I assist in her bills. Therefore I am happy to accept the increase in rates, if it means there is a benefit in the reduction of future destruction in the form of a future flooding events that are entirely preventable. I do know however, there are people that will be less willing to accept this increase, especially as they are not being affected yet. Given this is an issue happening across the country, is there the ability to get some of this funding from the government (aka tax payers, rather than just the council rates) that way it can reduce some of the costs.

Given the cost of the two biggest events being 9 and 14 billion, and the cost of the upgrade being fewer than 2 billion, it really does put it into perspective that the upgrades to the system are both necessary to reduce costs, and much cheaper than the aftermath.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Ensure the future planning of projects whether they be playgrounds, shopping centres, or new town developments, they are always made to incorporate the natural environment and understand the affects they are creating when developing their concrete jungles. We need to ensure we have more forethought to the future, because that is where we will be living tomorrow.



Storm Recovery and Resilience Consultation

#762

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Papakura has good flood control because of work done in the new housing estates.

Drury industrial area was severely affected with multiple commercial properties inundated and major damage done to property and machinery in local businesses. This was caused by the back up of flood water trying to exit through the slippery creek and the stream which flows into it at the Drury bridge

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The clean up was prompt and well resourced. Local people helped each other.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

If the possibility of a repeat was eliminated

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The widening of the flood outlet from Drury streams through the wetland area would help

6. There are nine possible initiatives outlines 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?

Why do you not call out the local communities to do any of the hands on work that requires manual labour in projects that are relevant in our local communities.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

The plan seems to be comprehensive but the desilting and deepening of places like the Pahurehure inlet and the wetland in Drury would make a huge difference.



Storm Recovery and Resilience Consultation

#1239

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not extreme ... nothing unusual for me

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing required... question is presumptuous

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

As above ... vast majority unaffected so why ask this

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council clear waterways as they did b4 "super city" and wasteful spending.

6. There are nine possible initiatives outlines 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?

Get \$ from citizens living here not just rate payers. Also it is long term asset ...so brow and depreciate or use PPP and no increase in rates required.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Council managing / clearing water courses



Storm Recovery and Resilience Consultation

#1243

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not at all

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No problems

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing, we had no problems

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better forecasting

- 6. There are nine possible initiatives outlines 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?**

Not to proceed, this is a freak event

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1301

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

we had no flooding in papakura

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

n/a

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

n/a

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

clean out and widen drains or better still pipe them, keep the road side drains clear.

6. There are nine possible initiatives outlines 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?

just do it, don't stuff around. targeted rates

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

build houses higher above the land



Storm Recovery and Resilience Consultation

#1393

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Not affected

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1447

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

One of the creeks broke its banks and flooded the immediate area. My house was fine but my movement around my town was limited

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Individual perseverance and the local community meetings

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Actually seeing action to minimise future impact from future storms and flooding because it will get much worse thanks to climate crisis.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Employ a team that solely manages storm water and drainage. I want to see people actively clearing the debris that gathers around storm water drains all year round. The localized flooding was made much worse by debris blocking drains. Employ people and advisors whom this is their specialty- don't employ people who have no experience in storm water management

6. There are nine possible initiatives outlines 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?

I think all 9 initiatives have value and if all are implemented, will dovetail into very effective management of water in times of flooding. I think you will have a little trouble with buy in on Overland flow path management if you don't provide enough subsidies to homeowners to do this.

I am very fortunate to be able to afford increased land rates but this should be handled with delicacy for the wider Auckland population- people understand this work needs to happen but pushing for an extra \$20 a week is a hard sell at the moment.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

No, but when new information and technology becomes available in the future, make sure you use specialists in this area to manage. Don't give it to every Tom Dick and Harry.



Storm Recovery and Resilience Consultation

#1498

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

No severe impacts in papakura Takanini, which is good because our low decile community would struggle to manage large impacts to homes.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Very little action by council. Community pulls together.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A formal plan from Council outlining emergency response strategy and comms to the public during an emergency.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

A plan to mitigate climate change, and pause development where this is contributing to less green or open spaces and a greater load on the storm water network.

6. There are nine possible initiatives outlines 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?

I think rates increases should be targeted where the work is being done. South auckland for example is poorer overall and should not be asked to cover expenses of people living in some of the richest suburbs of Auckland. It appears that things like home buy-outs are also going to benefit people who are more well off. For example muriwai properties that are second homes or holiday batches. I do not think this is fair and equitable allocation of council resources when lower income areas with a greater proportion of maori pacifica get very little investment annually.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Yes, managing councils approach to development and consenting to better reflect the climate emergency.



Storm Recovery and Resilience Consultation

#1542

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Massive flooding and foundation issues at my property

Yes!! My street was flooded and I had flooded lawns and foundation issues and are still awaiting for a result. I found out that my house is built on swamp land years ago. Thanks.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Knowing that my house is semi okay, but not complete okay.

Helping each other out.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Be taken notice of and turning up when they say they would come out and receive a prompt reply to your questions and concerns.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better drainage systems and helping people like me who still have flooding issues now that are still not sorted out since May 2023.

Fix the pot holes and drains around the area.

6. There are nine possible initiatives outlines 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?

Fix the issues asap

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?





Storm Recovery and Resilience Consultation

#1590

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There was flooding in my suburb. The area I live in was Ok.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Working together.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We need to plan better for the future. Stormwater infrastructure could be a problem. My suburb is growing rapidly with a lot of multi unit buildings.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We should not be building in high flood risk areas. Upgraded storm water and better maintenance of the infrastructure. Better stream, river management to prevent flood waters breaking banks. Better town planning to make sure water can be diverted or soak into the ground. There is a lack of drainage maintenance in Auckland.

6. There are nine possible initiatives outlines 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?

I accept the need to pay for this via rates.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1833

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Bad flooding in our area. Very worrying for us during this time as we have elderly people with serious health issues.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Our community was strong helping those in need. On the worst night the whole area was cut off so only help from locals.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To physically see the council addressing areas of concern in our area.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

The pond and stream areas near Searle Drive, Patumahoe should be cleared and looked after. Areas of drains were unable to cope with the amount of storm water and much more and many more houses would have been effected. There are no curbs on Searle drive which means the water makes a stream down the whole area and slowly crept nearer to houses. There area still many areas around the village that have not been fixed around stream damage and roads. There was no warning and we needed to be better prepared. Advice for those with serious health issues would have helped.

6. There are nine possible initiatives outlines 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?

Stop spending money on things like bike paths and speed cameras and put this money into infrastructure. Speed up the process for help for those in need....

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Better notice and stock piles of sandbags in villages.



Storm Recovery and Resilience Consultation

#1877

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Your feedback

Local Board: Papakura

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Surrounding area/roads were flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clean drains, not allowing sub-divisions to happen in flood zones, build roads with drainage on both sides

6. There are nine possible initiatives outlines 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?

People who chose to build their house on a cliff side or/and in a flood plain should be responsible to pay for the initiatives in their own areas. Why should the rest of Auckland have to cover their costs, because they blatantly decided to build their house there. Its part of any house or land sale, to check the council plans and recognise areas of risk.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#10

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Somewhat

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

No one & Nothing.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Common sense approach to solutions & carry out ASAP

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Listen to ratepayers

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Around 2000 the council & I put in a stormwater system - at great expense. None of the adjacent property owners were encouraged to use the system & instead put all their stormwater down the present landfall. It should be mandatory for owners without storm water systems to use improvements in any area. The slip adjacent to my property was caused by increased flows



Storm Recovery and Resilience Consultation

#49

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Your feedback

PATH

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We had neighbours who lost sections of our property. Our car was damaged when driving in the floods, had to get a new tyre. Members of the communities in Puketāpapa I work with were badly affected by flooding.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Working together

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Better funding for the organisations who are working on the ground such as Global Hope Missions. Neighbours still haven't had resolution to problems they are facing with slips on their properties. It is not over by a long way for our community.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Take Emissions Plans such as TERP seriously. Ensure one the ground organisations such as the one I mentioned (Global Hope Missions) are adequately supported. I put in a funding application on their behalf to the Mayoral Relief Fund but was turned down.

6. There are nine possible initiatives outlines 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?

I support the 9 initiatives.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Can I recommend that pathways suitable for walking and cycling be included in the land set aside for blue-green networks. While they might not be able to be used when flooded, the period of time when the flooding is happening is short. The paths can be used during the clean up. We (Bike Hub Mt Roskill) provided bicycles equipped with trailers that were used to deliver food parcels and to take goods to houses affected by the flooding in Puketāpapa when local roads were difficult to access using motor vehicles.



Storm Recovery and Resilience Consultation

#55

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I was not affected, but many people in my neighborhood had flooded houses and damage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I am not sure. I think the roads were cleared of debris and houses around me were slowly repaired.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

To have life back to normal.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We need proper storm water infrastructure.

Manholes need to be cleared frequently.

We need to reduce carbon emissions.

6. There are nine possible initiatives outlines 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?

No, because I haven't seen it.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I am not sure.



Storm Recovery and Resilience Consultation

#99

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The downstairs of our house was flooded. We bought our house from the builder in 2012 and have never flooded before. It took 6 months to the day to rebuild.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Personal resilience

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

More community based communication from Council.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Drains need to be cleared. Our street has had 4 lots of road works in 2 years. Each time leaving loose chip which blocks Drains and damages vehicles. No one took responsibility for the clean up of this loose chip and it blocked the street Drains

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#215

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We did not suffer any serious effects but three of our neighbours were flooded and needed to replace carpets etc. One retaining wall, across the road from us, collapsed and spread mud and clay everywhere. Our vegetable growing(of which we are quite proud) suffered where it was not in raised garden beds.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

For neighbours insurance has covered most of the damage. In terms of 'get through' - well nobody here died or was injured so it was not a war, earthquake or volcanic eruption.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

When it stops raining.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Have an Auckland Mayor that actually gives a fuck(I volunteer to kick Wayne Brown's bum)

6. There are nine possible initiatives outlines 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?

I believe we will pay more rates whatever we do. We might as well make it on storm preparation on the basis that an ounce of precaution is worth a pound of cure.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

At this stage we would like to point out we(this household) did actually vote for a mayor and it was definitely not Wayne Brown so something that would help is more people voting in city council elections.



Storm Recovery and Resilience Consultation

#216

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We lost all our belongings and house in the flood

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Family and friends giving items to help us get back on our feet- we still have no home

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Having a safe healthy home to return to.

Having drains that take the water away

Having clean and clear drains for water to flow through

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Having drains and roads cleared

All drains in the surrounding streets are blocked by rubbish and leaves and the water flows over that into our drains and my house

6. There are nine possible initiatives outlines 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?

Haven't seen this document

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Clearing drains - not us home owners doing it on a weekly basis but council contractors sucking them out weekly / monthly before the rain comes not during or after



Storm Recovery and Resilience Consultation

#303

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

A house in May road was flooded when street water from May road overflowed via their section and the lower house into the stream next to the park

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Resigned to nothing happening, but I notice that last week a stream in May road by Gilmores was cleaned up for the first time in years

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Badly worded statement

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do more actual clearing up of streams and street drains

6. There are nine possible initiatives outlines 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?

Most money would go on "experts" but nothing much will be achieved like most projects, top heavy

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

A way for residents could report what they see as a future problem with a response instead of ignoring or a fob-off. Like I reported a year ago a near blocked main drain in Stoddard road behind buildings. Nothing was done and there was no response



Storm Recovery and Resilience Consultation

#329

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The lower section of our street and surrounding properties was flooded in January 27. The lower half of our house was flooded, which resulted in almost \$80k insurance for house repairs and contents replacement. This work has been done. However there are still quite a few neighbours who haven't been able to return to their homes as these were much more seriously damaged.

Since then we have initiated a street gutters and drain clearing WhatsApp group in our street. Two of us have reported our street's poor drainage to the council, and we regularly clean the drain covers and street surfaces.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

The street's WhatsApp group. My experienced builder, who is a friend, advised us on how to deal with the flood aftermath as our insurance company was very poor at communicating and too slow to give relevant advice. Friends and family also helped lift, clean, and repair.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Seeing the storm water system not only being regularly maintained but being improved/enlarged. It was very dispiriting to see two different contractors only clearing out the same two drain pits one week apart. They both said they had only been contracted to clean these two and not the other 4! The second contractor said they could see that the 2 drain pits had already been cleaned, but they were only contracted to work on these two!! Someone in council had made a double-up!!!

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Regularly maintain ALL storm water systems EVERYWHERE! Not just the flood-prone areas as the surface water gathers and channels down from surrounding high ground.

6. There are nine possible initiatives outlines 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?

They are all useful. However the details on how the surface flooding through green surfaces, properties and road surfaces may be modified has to be effectively explained and demonstrated.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Apart from increasing the capacity of pipes within the storm water system (and ensuring waste water is separated)...fresh /new drilling of soak holes need to happen in areas like ours where there are no connections to the storm water system.



Storm Recovery and Resilience Consultation

#378

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Some homes in the neighbourhood were flooded and my neighbour had flooding in his garage which is a groundlevel

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Steps to ensure it does not happen again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

I think that addressing the issues is important so that households are not under stress because of possible flooding from future events

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

In some areas using soakage to replenish ground water would seem a possible solution



Storm Recovery and Resilience Consultation

#449

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooding around sections, streets, motorways, supermarket

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Trying to help neighbours

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

DO NOT HAVE THREE STORY HOUSING ON ONE SECTION DO NOT HAVE INBUILT 3 HOUSING to ONE SECTION. Have parks trees, stream management, storm water upgrades etc

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

NO MORE PLANS FOR HOUSING INTENSIFICATION



Storm Recovery and Resilience Consultation

#515

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Minor Property Flooding. Minor shut down of local roads. Long Term damage to neighbouring public spaces and tracks.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Just getting on with a clean-up and then making changes to make areas more resilient.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Nothing - all good. Everyone needs to take some self-responsibility and not expect others, including Councils and Authorities to look after them, pay or do the clean-up work.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Take some personal steps to have: Grab bag, maintain personal properties, do not go out and about in an event. be mindful of the area you live in and consider future risks.

Report any concern to public space etc to Council.

6. There are nine possible initiatives outlines 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?

Like the idea, but need to be realistic as to how much money we spend on all these initiatives. Need to realise that "mother Nature" will always win and no amount of money we spend will fix or foresee all events or risks.

Need to make some hard decisions to in some cases do nothing and just live / deal with the consequences.

Rather than spend and allocate more money, just do works and spend within our means.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#538

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My house and many around it were flooded and have been uninhabitable for 6 months now. Since then it has also had various things that were left behind stolen from it

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Having friends and family to help me.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Having my house fixed and going home. Knowing something was happening to prevent it from occurring again

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Improve waterways, drainage, response and aid for flood affected people. Having a clear communications plan so that people can be Informed without doing their own research and dealing with multiple services/agencies

6. There are nine possible initiatives outlines 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?

My home is across the road from the blue green network in Oakley creek and the water level was clearly too much for it. So while this may be a part of the solution is certainly did not prevent a lot of houses from being flooded

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#600

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Culvert blocked and caused flooding of businesses and residential properties.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Regular removal of debris from culverts that run into pipes. Ability to lift grates that cover stormwater pipes.

Road gutters cleared of leaves etc all year round.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#641

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Road travel main effect - congestion and flooded roads.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Good water drain off - on slope with reasonable grass area for run off for houses this side of street. Nearby park

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Maintenance of stormwater drains - often blocked with tree/rubbish debris. Not regularly cleared. Concern re future. More planning in urban density to manage these likely future events. Communication

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

As above - start with regular stormwater drain maintenance - gutters, drains kept clear of debris. Planning of urban density incorporating water run off. Good communication early in alert situations. Better longterm infra-structure planning, investment not short term. Encourage community group support.

6. There are nine possible initiatives outlines 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?

This is a priority - short term cost for long term gain. Feel past councils have neglected infrastructure and done short term projects which are costing us more economically and other ways.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

As above.



Storm Recovery and Resilience Consultation

#729

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My house and most of my close neighbors were flooded and yellow stickered during the Jan 27th floods. Following times of bad weather also caused flooding.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

West Auckland Is Flooding facebook group & a local/neighborhood whatsapp group with Ella Kumar. She has been persistent in answering our questions and connecting us with the right people.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Certainty around future fixes. Currently waiting on our categorisation and still unsure what the steps will be if that goes through

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Prepare what is expected of affected people and communicate it clearly! We were yellow stickered and were not told ANY of the requirements to remove it (Decontamination cert, electrical cert, plumbing cert. etc.) When we emailed the council to ask, they only told us we needed some of those things only to learn later that we needed to get a lot more certified.

During that process we also were told that we were now white stickered then were told we were still yellow.

It was an extremely stressful process and nobody could give us a straight answer. The way the process was communicated also relied on knowledge of the BRANS building guidelines which we did not have at the time. What we need was a clear set of instructions of EXACTLY what was needed from us rather than leave it to Insurance/builders who would eventually figure it out. Recently we recieved the 'What to expect - Flood risk assessment' PDF as a part of our categorisation process and that is exactly the style of document we needed when we were given the yellow sticker. Clear step by step instructions around what we needed to do.

6. There are nine possible initiatives outlines 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?

I agree with the plans for the most part. My only consideration is the amount of time affected residents are put 'on hold' and told to go on with their lives when a upcoming decision could be made that will completely change their life.

What I would like to see is homes that are cat 3 are given an immediate buyout option at CV so they can move on to the next phase of their life and not be held back by others umming and ahhing on the details.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#732

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Quite a few landslides around Hillsborough

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Our own resilience

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Would be nice to know what the long term plans are

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#746

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flash flooding around my area.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

A robust recovery plan. Our property wasn't damaged as such but surrounding properties were.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I'm building a new house on the rear of my property and it's on a 100-year flood plain. Now I'm having to think of building a run-off for any water build up around my new house which is slightly on a more submerged section of the property.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

We need to have better forecasting from the metservice for such weather events.

- 6. There are nine possible initiatives outlines 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?**

Additional rates?! Where's the extra money coming from?

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#852

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We had some water ingress in our basement area. Some houses near to us suffered from slips, and a local bush area had significant slip damage.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Have not needed any help.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Fixing damaged walkways so that parks and reserves can be used again (currently inaccessible)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better management of potential large water flows.

6. There are nine possible initiatives outlines 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?

They are logical and should be implemented.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Nothing I can think of.



Storm Recovery and Resilience Consultation

#875

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There were power outages at my house and road closures because of slips and unsafe road conditions. Also, part of my road flooded.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

The thought of this weather passing, community drives to fundraise for affected families and more support to go to the business affected by floods.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

No more road works and construction cones everywhere

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Not sure, maybe aim to implement more rain gardens or have been planning for buildings and roads so there are less impervious surfaces and more surfaces that can drain water

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#882

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The drains in our street couldn't cope with the amount of water because only 2 of the 6 were working at all. Since then they have all been cleaned however there has been flooding since work was completed on them which means not all of them are effective in the heavy rain we have this winter. They need to be either very deep or lead away to somewhere. Some of the drains connect to a network and others led nowhere and consequently flood when there is heavier than normal rain.

The street was severely flooded on Jan 27 affecting the houses around the intersection of Epworth and Beckenham aves. Cars continued to drive through which also caused problems.

Gingko trees lining the street are also an issue in autumn and winter with leaves blocking the drains and needing clearing every day by residents.

All our property was flooded, the lower section of our house (which is half of our house) was flooded and our cars were flooded. We have only just got everything back to how it was before.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

We have created a neighbours whatsapp group to keep in touch.

Thankfully we have not flooded again in subsequent rains, however we are all anxious now when we have heavy rain

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

1. Drainage that works
2. Trees that don't drop leaves which block the drains and add to the flooding
3. infill housing that doesn't result in run off onto neighbouring properties
4. Regular and frequent clearing of drains and street sweeping

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

As above but the big thing is to improve the infrastructure and town planning to ensure there is adequate space for water to drain away

6. There are nine possible initiatives outlines 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?

The initiatives look good on paper - hopefully they will become a reality - if so then WELL DONE COUNCIL

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I think this is a comprehensive document.

I appreciate it will cost a lot but if we can ensure water will have space to flow without destruction to homes and lives, it will be worth it. It has been a really stressful time since Jan 27 caused by flooding of water that had nowhere to go.



Storm Recovery and Resilience Consultation

#983

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Localised flooding

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Stop overdeveloping the city by cramming 4 domiciles on a property that previously only had 1, without updating the water and sewage infrastructure appropriately.

6. There are nine possible initiatives outlines 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?

Stop overdeveloping and allocate that money to another harbour crossing

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#990

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

We had recently finishing building our dream home and had only been in there for about 7 months before the extreme weather event - we have a creek running behind our property - which isn't a natural creek but for water overflows. In the 30 plus years I have lived here, we have seen the creek breach the level of the retaining wall, but never to the extent of that day. The water was banking up and forcing it onto properties, then onto the next property etc and nothing we could have done would have prevented it. Now everything it rains we do get anxious about the creek breaching again

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Our neighbours at the rear and the front of the property were amazing. Offers of help from fans, to dumping rubbish in their truck - really appreciated this help!

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

1. Insurance was way too slow. Too unorganised to handle the event - this is what insurance is for
2. The creek should never breach again - so we need assurance that it won't happen

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Definitely - the creek can be maintained so water flows. Concrete barrier walls (like the ones on the motorways) can be put up 2 metres high along the back of every property - it provides security for one, and will prevent another breach. The creek being kept free of rubbish is an on going requirement that just needs to happen

6. There are nine possible initiatives outlines 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?

It is what it is - unfortunately council has not worked on improving infrastructure over the years. Even when we were building, I requested council to upgrade stormwater piping, but was told it was not within there plan at this stage - and look what happened!

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

The manage flooding is a positive discussion step - BUT you need to provide an action step - what, when is the infrastructure going to be addressed - the concrete wall idea is agreeable to all those that flooded - and it won't look bad as we can use cover it with trees. I have not seen any council team over to investigate the creek breach - what should be a real concerted effort to first mitigate short term possibilities of flooding - short term is correcting the opportunity of flooding (like walls along the breaches), long term is channelling water to other areas quickly and effectively.



Storm Recovery and Resilience Consultation

#1032

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Major flooding along the Walmsley reserve, underwood park. Houses on both sides were affected, including blocking roads.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Rain not coming down! When we get heavy rain our land is flooded, when it's major the house was tooZ

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Some sort of plan to stop it happening again. We cannot just keep repairing homes, there needs to be a plan to stop the flooding in the first place

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Not building in reclaimed swamp land. Making infrastructure that can cope. Not taking away all the permeable surfaces

6. There are nine possible initiatives outlines 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?

I have not seen the document yet.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?





Storm Recovery and Resilience Consultation

#1041

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My family and I were at home that evening. Backyard was flooded a little because of leaves around drain. It was controlled when leaves were removed and rain slowed down.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Communication with each other. Discussing support services available

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Resilience. Weather is not that harsh. People have started getting back to normality. Community support, Auckland Council contacts with people affected by floods offering help, help reduced the stress.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Improvement in stormwater drain infrastructure, cleaning the culverts and streams around residential areas, monitoring the builders and developers complying to building laws by to avoid congestion and blockages in the localities. Review and study the localities which were affected by the flood and design guidelines for individual households.

6. There are nine possible initiatives outlines 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?

These nine initiatives need to be implemented thoughtfully and emphasis should be on improving long term infrastructure investment, alongwith temporary measures to mitigate people's suffering.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1080

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There were roads not far away which were under water especially on 27 Jan. During Cyclone Gabrielle power was cut and the wind really rattled the windows and made the house creak. I have a friend staying with me because her house in Henderson was flooded on 27 Jan, it has yet to be fixed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

my community hasnt really been affected. as for my friend who was flooded, letting her stay here has helped her a lot

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

no more empty damaged houses and distressed folk

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Have better planning, don't build in floodplains and overland flowpaths

6. There are nine possible initiatives outlines 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?

Its a start in the right direction

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Cant think of any yet



Storm Recovery and Resilience Consultation

#1109

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Landslide occurred uphill from the building (some from within my own land, some from the council land) and downhill from the building on 27th January 2023.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

Nothing.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

For the council to rectify the further landslide risks from its own land. However, I just managed to get a council contractor out to have a quick visual inspection of the council land yesterday, after 7 months of constantly contacting the council.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Carry out a proper risk assessment and offer a fair buyout offer.

6. There are nine possible initiatives outlines 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?

This program does not affect me whatsoever as I am affected by landslide and landslide will continue to be the primary risk factor. However, I'm guessing these initiatives have to be very substantial and conservative in their nature as we appear to continue to lag behind the "prediction" of the effects of climate changes. So, my take is the council must promote buyout offer aggressively and cut losses in the area where it is just not feasible to rebuild.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

I haven't looked at it as my main concern is landslide and its effect on my property.



Storm Recovery and Resilience Consultation

#1113

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My Mother in Law was flooded out of her house, which was subsequently Red Stickered. Many residents boarding Oakley Creek in Wesley were flooded out and lost everything.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Council cleaning of blocked culverts and roadside cesspits. We have seen no evidence of this, and have cleaned most around our neighbourhood by ourselves.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Regular council servicing of stormwater infrastructure.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

6. There are nine possible initiatives outlines 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?

I am happy to pay extra rates if I can actually see value being delivered.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1133

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Excessive water run off from properties without adequate draining mitigation

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

community support and interaction

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

More data for the areas looking at topographical data as to where to expect water run off to continue

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Increase drain and culvert cleaning programs. Focus more on kerbside management of rubbish

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1162

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

personally not at all (property wise)

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

We were unaffected

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

My husband is a Landscape Architect. In observing the damage flooding did to the region of Auckland and the talk about sponge cities, his comment was that Landscape architects have been doing this greening for absorbing / allowing for excess water for ever. My comment is why isn't the council employing more landscape architects, and taking less notice of engineering solutions in developments. Surely the two professions can work together for better solutions to developments. So often the LA is brought in to "pretty or green" up the left over space. They need to be involved in a development at the outset.

6. There are nine possible initiatives outlines 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?

Yes - go for it. Making space for water should involve greening the space and therefore be good for the planet as well as local water solutions

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1217

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our downstairs got flood water and downstairs tenants had to find a new place to live in a hurry as they had 2 vulnerable people with them . They along with us and our neighbours lost a lot of our things to the flood. We are still waiting for the insurance to fix our property. It was yellow stickered.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing much. Poor people downstairs were trying to find somewhere to stay and tried to find help but there wasn't much help for them. They ended up getting a motel room for a few days because they couldn't find any other help and staying the night in soggy flooded unit was making them sick. They didn't have contents insurance and lost quite a lot of their stuff .

We are still trying to get the placed fixed.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

What would help would be if there is something done so water drains onto the fields of Keith Hay Park instead of coming towards our houses. It seems like the fields are protected at the expense of our houses. The park side is raised and pushes water towards us. The leaves from the park trees block the drain and creek and the storm water grate at the end of Vic Butler St gets covered with grass, leaves and mud. Lived here since 89 and there wasn't a problem until the last few years I think since the footpath and fields were developed. The maintenance and cleaning has fallen off. The road at the end Of Vic Butler St ended right at the little barrier. It's taken over by grass now.

What else would help us is if there is improvements made to the stormwater system.

We are also now worried about the value of our property and how this event affects it.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

What would have helped would have been the tenants downstairs getting a place to stay and some help with food immediately following the flood. They stayed in the flood soaked place the night after(28th) because they had nowhere to go and started feeling sick the next morning.

Food, water and accommodation would have helped them a lot. Their food, bedding and furniture had the dirty flood waters through them. They did try to get help but just got the runaround. They were recent migrants so didn't have a support system to fall back on.

Help for anyone affected would be great in future.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?





Storm Recovery and Resilience Consultation

#1246

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

pockets of my neighbourhood and street were flood damaged

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

grass roots community groups - locals helping locals. consistent and immediate messaging from civil defence, and government.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

engagement with local groups. give them information, funding and access to facilities to help them serve their local community

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1272

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Auckland council put a white sticker on me then changed it to a yellow without notification -
- resulting in a prolonged email consultation to get this removed on the LIM -- very inconvenient

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No help to date

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

please get the walk ways around our property repaired

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

watch the waste water areas repair the around harbour walk way

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1283

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Our house was flooded in the January event and we had damage during the cyclone

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

It was damage to our house, but the house was and is still livable

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I don't think for us that anything other than patience was possible, the insurance companies were overloaded, our house was and is still livable, one day I hope it will all be fixed

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I am really not sure it can ever expect to deal with the amount of water that came down, maybe it can deal better, but you can never clear every drain and ensure every stream is clear 100% of the time

6. There are nine possible initiatives outlines 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?

I think they need to be prioritised and then worked through, I personally doubt they will ever be finished and if they are, by that time you will have a whole new set of issues, where were the biggest issues, what caused them, could they realistically be avoided, if so, do some work on them, but you can't monitor everything, even after you have worked on it

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Personally I think one of the biggest issues that was not mentioned is 'Infill housing' meaning that so much of the land is being concreted over, so the natural drainage provided by grass and earth disappears, until the size of the storm water pipes is greatly increased then infill housing should be slowed right down, what is the point of building loads of houses in places that you know can get flooded easily, that was the reason we were flooded, water came back up from the drains and flooded us



Storm Recovery and Resilience Consultation

#1284

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Slip on our street meant we could not get in or out and I was immobile due to surgery so for several days no one could get to me to help or bring provisions. Eventually it was my neighbours who cleared a path down one side of the road giving us some limited access.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

My neighbours.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

We finally got a water problem surging through the property sorted two weeks ago. It had been month since the slip and nothing was being done. Finally one kind watercare worker who visited my home moved the work that was needed to stop the flow of water to happen.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Events like this have different impacts in various communities. The answer is to ask each suburb/community what is needed to help in the future. Then set up a climate crisis team in each suburb to be the mediator between needs of the community and provisions from council

6. There are nine possible initiatives outlines 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?

If Council had not buried their heads in the sand then some of this work would have been done before this year's calamity. Anything in making space for water needs to provide not just for today but for the next 50 years, when Auckland will get bigger and bigger with more and more houses. Council is there to provide these services for the community and, no matter the cost, it is their task to make it happen. Ratepayers should not be responsible for Council's failure to do the work that should have been done as Auckland expanded over the last 30 years.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Greater efficiencies in clearing all drains on a regular basis. Once every few years is just not good enough. We had heavy rains yesterday for a very short period and local roads were awash. Greater, regular maintenance of what does exist would help this situation



Storm Recovery and Resilience Consultation

#1286

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Very badly affected due to flooding and loss of parks and walkways.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

My friends and my savings. Insurance also helped

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Rebuild Waikowhai Park road and the Cape Horn Walks in Hillsborough

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Reduce the number of new buildings coming up and install more stormwater drains

6. There are nine possible initiatives outlines 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?

Happy to increase rates if the funds are used to mitigate the effects of floods in Hillsborough.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1307

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Moderately

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Positivity

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

More soakage better urban planning

- 6. There are nine possible initiatives outlines 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?**

- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1316

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

There was significant flooding in my community and with close by whānau

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Pulling together

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Significant change to combat this in the future

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

By introducing rapid change to prepare for such future events and better infrastructure planning, including less intensive housing

6. There are nine possible initiatives outlines 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?

I like the plan, get on with it already

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1335

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Areas of our house got flooded. Since we are at the bottom of an incline in the topography, all the stormwater from the houses up the road was flowing into our property. Wastewater manhole was raised high above groundlevel with the water spurting from it. Till date house has not been fixed and we are enduring 7-8months of living in unhealthy conditions.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Knowing that other houses were worse off and a complete write off eased our mind that our house is still livable. Talking with friends and neighbours of our shared experiences helped.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Once the house is totally repaired and we are able to live back to normal life will help a lot. But then the fear is always there whenever there is a heavy downpour or storms that our house and surrounding areas will not be able to drain the stormwater fast enough. Our land is water soggy and not had time to recover. To know that there is some arrangements made

for the open stormwater streams running through our property, for the roads to be able to drain the rainwater immediately and not to overflow onto personal land.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Major improvements in drainage systems throughout Auckland so that even with slight rains, there is no surface area flooding in some low lying areas. If families are affected help given to all not just those badly affected. New builds and developments coming up around every corner, but are the stormwater and wastewater drains able to take all this extra load? We need to think to accommodate years down the line not just next 5 years. Our infrastructure is not able to take the growth in Auckland.

6. 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?

Street sweeping is no use with trees that are deciduous. Install nets or mesh over areas that are at risk of getting blocked by street debris. If money is to be used for 'targeted' areas, why should all rate payers pay? Does council in their building consents look at potential of obstructing overland flows when permission for a new build is given?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

long road drains, so the water flows underground rather than on surface of roads or footpaths.



Storm Recovery and Resilience Consultation

#1374

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flooded

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Insurance

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Storm water drains cleaned out

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Clear and clean storm water drains

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Cleaning storm water drains



Storm Recovery and Resilience Consultation

#1544

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Land slides, flooding, beach erosion, blocked roads, undermined homes, bush destroyed, public walkways demolished or blocked.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Neighbours sharing their experiences and helping each other.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Being able to see more progress repairing damaged community walkways (but understanding they are not high priority)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Your '9' plan covers everything very well

6. There are nine possible initiatives outlines 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?

They make for good reading underlying the fact much thought has been collectively put into them.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Not that I can think of.



Storm Recovery and Resilience Consultation

#1579

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Your feedback

Springleigh Residents Association

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Wesley community experienced extreme flooding, with the near loss of lives, damage to houses, business, ecological areas, open space

Wesley/Owairaka/ Mt Albert community experienced:

Long-standing neglect of stormwater maintenance as described in Part E of Springleigh RA Evidence,

Past and continuing negligence of AC including criminal negligence as outlined in Part F of Springleigh RA Evidence

Stormwater NDC was not upheld prior to recent flooding, Part F of Springleigh RA Evidence

Flooding generated by impervious surface in Part G of Springleigh RA Evidence

Resource Consent and SMP process had lapsed prior to recent flooding, Part H of Springleigh RA Evidence

Examples of impervious surfaces and their impact on recent flooding, Part I of Springleigh RA Evidence

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Wesley/Owairaka/ Mt Albert community has not recovered from recent flooding, a number of residents are not in their houses, community facilities have not returned yet

Auckland Council, including individual councillors, mayor, deputy have lost control over local government during flooding and TM Recovery plan, Part B and C of Springleigh RA Evidence

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Owairaka/ Wesley/ Mt Albert community can only recover from recent storm events when our request for:

Independent inquiry into the responsibility of Auckland Council in recent flood events, Part L of Springleigh RA Evidence

Independent Inquiry into estimated exposure to flood hazard in Auckland of NDC Review, Stormwater management plan template, Part L of Springleigh RA Evidence

Independent Hearings Panel and Stormwater NDC, Part N of Springleigh RA Evidence

IHP to ensure effective democratic representation, matters concerning AUPOIP Part P and Q of Springleigh RA Evidence

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Auckland Council, including individual councilors, mayor, deputy mayor must regain control of local government.

Statutory liaison groups in Stormwater NDC matters, in all cases of re-litigation by TM Recovery plan in Part K of Springleigh RA evidence

6. There are nine possible initiatives outlines 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?

Springleigh RA declines the ‘nine ways’ with detailed explanations and requests in Part J of Springleigh RA Evidence

7. Are there any other activities that you think are important to manage flooding that haven’t been included in Making Space for Water?

Decline AC SRR consultation and decline Tamaki Makaurau Recovery Plan, Part A of Springleigh RA Evidence

Matters of Resource Consent are upheld and mitigation must be proposed in stormwater management, Stormwater Management Plan Template must be addressed and implemented, Part F, G, H, I, of Springleigh RA Evidence

Matters of negligence, including criminal negligence by AC must be included in the TM Recovery Plan, Part F of Springleigh RA Evidence

TM Recovery Plan must not be a means of re-litigation of Stormwater NDC and submissions, Part O of Springleigh RA Evidence

Effective democratic representation by Auckland Council and Local Boards must return, Part D, P and others of Springleigh RA Evidence

Springleigh RA is concerned about the lack of democratic representation by, e.g. Local Boards and local councilors, in recovery consultation.

Communities are severely disadvantaged by the failure of LB and local councillors to contribute evidence regarding the effects of the recent flooding.

Springleigh RA requests that workshops and meetings are held for LBs and local councillors regarding the effects of the recent flooding.

BEFORE THE AUCKLAND COUNCIL

In the matter of various

Unspecified legislation

AND

In the matter of 'Storm recovery and resilience' consultation and proposed Tamaki Makaurau Recover Plan by Auckland Council Healthy Waters

AND

Springleigh Residents Association

c/- [REDACTED]

[REDACTED]

[REDACTED]

Statement of Evidence**Introduction**

Springleigh Residents' Association (SRA) members live in the western part of Mt Albert/Owairaka, New Windsor along Te Auaunga/Oakley Creek. Springleigh RA has substantial experience with the *RMA91* process and related stormwater issues. Springleigh RA was a submitter on *SH20 Waterview connection*. We submitted on the *Stormwater Network Discharge Consent* in 2018.

This statement of evidence was prepared by [REDACTED] (spokesperson). I hold an MSc in Geography from Auckland University. Qualifications in tikanga from Te Wananga o Aotearoa / Mangere.

Scope of evidence

Decision sought

Reasons for Seeking this Decision

Stormwater Recovery and Resilience Consultation and TM Recovery Plan Statutory Considerations

Liabilities of Auckland Council for Recent Flooding and Negligence in Stormwater Management

Examples for long-standing neglect of stormwater maintenance:

Past and continuing negligence of Auckland Council – including criminal negligence

Example of flooding due to impervious surfaces in Mt Albert

Cumulative Effects of Resource Consents and SMP Relating to Stormwater Provisions

Examples for the effects of private development on impervious surfaces

‘NINE WAYS TO MAKE SPACE FOR WATER’ deficiencies

Working in partnership and statutory liaison groups

Independent hearings panel for the purpose of consultation and plan proceedings

Independent Hearings Panel and Stormwater NDC

Re-litigation of Stormwater Network Discharge Consent and submissions

IHP ensures effective democratic representation

Matters concerning AUPOIP

A. Decision Sought

The Springleigh Residents Association is seeking the following decision from Auckland Council:

1. Decline the AC Storm Recovery and Resilience consultation.
2. Decline the proposed Tamaki Makaurau Recovery Plan, or
3. Appoint an Independent Hearings Panel for the purpose of consultation and plan proceedings.
4. Conduct an independent inquiry into Auckland Council and AC Healthy Waters leading up to recent flooding.
5. Fully notify flooding evidence by AC.

B. Reasons for Seeking this Decision

The decision is sought for the following reasons (but not limited to):

1. The SRR consultation and TM Recovery Plan focus on re-litigation of Stormwater NDC and proposals for rate increases only.
2. The liabilities of Auckland Council in recent flood events are not addressed in the SRR and TM Recovery plan.
3. AC Healthy Waters does not adequately assess the social effects of flooding, placing this responsibility on the community and individuals.
4. The TM Recovery plan and consultation do not enable people and communities to provide for their social, economic, and cultural well-being, as well as their health and safety, particularly in areas like Wesley where extreme flooding occurred.
5. Low-income communities like Wesley/Mt Roskill are disadvantaged in the recovery process.
6. The TM Recovery plan and consultation do not adequately address the environmental and ecological effects of recent flooding, including damage to reserves, ecologically significant areas, coastal areas, and provisions related to SH 20 Waterview connection (EPA25), among others.
7. The sustainable management of natural and physical resources is not promoted.
8. The proposed Tamaki Makaurau Recovery Plan is contrary to the Local Government Act, AC Stormwater Network Discharge Consent, AUPOIP, among others.
9. The proposed TM Recovery Plan is contrary to Part 2 of the Resource Management Act (RMA).
10. The TM Recovery Plan is contrary to sound resource management practice.

Without limiting the above, it is requested that the consultation and plan proceedings address the concerns of the Springleigh Residents Association.

C. Stormwater Recovery and Resilience Consultation and TM Recovery Plan Statutory Considerations

Springleigh Residents Association is seeking clarification from Auckland Council regarding the statutory nature of the TM Recovery Plan and Stormwater Recovery and Resilience consultation (SRR). The following issues have been identified:

1. The SRR consultation document does not state the legislative context of the TM Recovery Plan, including RMA91 and LGA provisions, Stormwater NDC, among others. The statutory obligations of Auckland Council in the recovery process are not explained.
2. The evidence presented in the SRR consultation document is insufficient, and reports or evidence relating to stormwater are non-existent. The effects of recent flooding are not adequately assessed by AC Healthy Waters.
3. The TM Recovery Plan consultation document is not available in community languages, disadvantaging ethnically diverse communities in Mt Roskill/Wesley/Owairaka that have experienced severe flooding.

4. The SRR consultation is employed for re-litigation of relevant legislation and RMA92 decisions, negatively affecting TeAuaunga/Oakley Creek. The proposed TM Recovery Plan is contrary to the Local Government Act, AC Stormwater Network Discharge Consent, AUPOIP, among others. It is also contrary to Part 2 of the Resource Management Act (RMA) and sound resource management practice.
5. The outcome of the SRR consultation and TM Recovery Plan is premediated, and alternative scenarios to recovery, including social and environmental effects, are not presented.
6. one example of premeditation (but not limited to): Blue-green networks are included in Local Board Plan consultation. LBPlans were notified prior and closed prior to this consultation.
7. The proposed rates increase in the SRR consultation is superficially discussed and seems to cover only the costs of stormwater management for private development. A survey regarding the rates increase is not included, and commercial rates must increase to ensure equity.

The Springleigh Residents Association requests that Auckland Council address these concerns and conduct proper plan proceedings that consider the needs of the Wesley community and other affected communities. It is important to ensure that the recovery process is equitable and sustainable and that the statutory obligations of Auckland Council are met.

D. Liabilities of Auckland Council for Recent Flooding and Negligence in Stormwater Management

Springleigh Residents Association is calling for the SRR consultation and TM Recovery plan to address the past and future liabilities and negligence of Auckland Council (AC) in regards to recent flooding. The following issues have been identified:

1. The liabilities of AC for recent flooding must be identified by the SRR consultation and TM Recovery plan. The Wesley/Mt Roskill/Owairaka communities experienced severe damages to property, business, and the environment.
2. An independent inquiry must establish whether AC fulfilled its roles and responsibilities for flood hazards prior to the SRR consultation and TM Recovery plan adoption. The Stormwater NDC review states that AC has not met several targets due to funding restrictions, including its targets for maintenance and upgrade of its infrastructure assets and its targets for managing flooding.
3. AC was negligent in providing adequate stormwater measures prior to recent flooding in Wesley/Owairaka/Mt Roskill, which was long-standing and notoriously disadvantaged low-income communities. AC was and still is not maintaining stormwater infrastructure in Wesley/Owairaka/St Roskill, and communities are under extreme pressure.
4. The SRR consultation and TM Recovery plan must address the effects of recent flooding on the environment and the social effects on communities, particularly low-income communities like Wesley/Mt Roskill.
5. The proposed rates increase in the SRR consultation is superficially discussed and seems to cover only the costs of stormwater management for private development. A survey regarding the rates increase is not included, and commercial rates must increase to ensure equity.

The Springleigh Residents Association requests that AC address these concerns and conduct proper plan proceedings that consider the needs of the Wesley community and other affected communities. It is important to ensure that the recovery process is equitable and sustainable and that the statutory obligations of AC are met.

E. Examples for long-standing neglect of stormwater maintenance:**Example 1: Culvert behind Tulja Centre carpark on Stoddard Rd**

The grille at the entrance of the culvert behind Tulja Centre (Fig. 1) is currently cleared. However, prior to the recent flooding, it had not been maintained for years. This neglect of the culvert had severe consequences for community organizations like 'Ethnic Hub', as well as residential and commercial properties that were flooded during the recent events. The NZ Women's Ethnic Trust had put years of effort into establishing 'Ethnic Hub' to provide social services and education for migrant families. The impact on the community along Stoddard Rd/Owairaka and the wider migrant community has been devastating.



Fig. 1 Culvert at car park is currently cleared as of August 2023

At the time of recent flooding, it had been neglected for years by AC, debris had accumulated in front of the grille, including car tires etc,

Example 2 long-standing neglect of stormwater maintenance, cumulative effects: tributary behind Tulja Centre

The flooding of the tributary behind the Tulja Centre carpark contributed to flooding in the immediate surroundings, as well as wider flooding in Wesley and Mt Roskill. The tributary is badly maintained (Fig 2), and this neglect had far-reaching effects in Wesley/Mt Roskill and Owairaka. The flooding of the tributary created cumulative effects and affected flood levels of Te Auauanga/Oakley Creek. It directly impacted flood levels in the communities surrounding Walmsley and Underwood Parks, as well as the intersection of Richardson Rd/Stoddard Rd. The combined flood levels of the tributary and Te Auauanga/Oakley Creek created dangerous flood risks. Overall, streams and tributaries are not properly vegetated in Auckland, and Auckland Council is negligent in managing noxious plants obstructing stream flows and destabilizing river banks. River margins are used without permission for private purposes, and enforcement of RMA91 and LGA regulations by Auckland Council does not occur.



Fig. 2 Tributary adjacent to Tulja Centre carpark, location approx. 50m from culvert in Fig. 1

non-complying structure in the form of iron/steel poles blocks tributary, debris has accumulated behind poles,

Noxious plants, e.g., agapanthus, privet, creeper among others block tributary

Example 3 negligent stormwater maintenance, potential for river margin erosion: tributary behind Tulja Centre



Fig. 3 tributary behind Tulja Centre carpark

European willow destabilizes river bank, roots have penetrated the river bank with the potential for river bank erosion

Example 4 long-standing negligence of stormwater maintenance: tributary behind Tulja Centre

Fig. 4 Tributary behind Tulja Centre carpark, overgrown by noxious vegetation blocking the stream, mature vegetation indicates decades of neglect by AC, river margin is used for non-permitted storage, location is approx. 100m from culvert in Fig. 7

Example 5 negligent stormwater maintenance: Stormwater drain inlet Range View Rd, recently installed

Recently installed stormwater management, for example in Range View Rd, is not maintained in Owairaka (August 2023). The Range View Rd Stormwater drain inlet is located in front of the development in Fig.11 for which it was supposed to provide stormwater mitigation during recent flooding.



Fig. 5 recently installed stormwater drain inlet in Range View Rd/Owairaka, rubbish and construction debris block proper functioning,

F. Past and continuing negligence of Auckland Council – including criminal negligence

Stormwater NDC and s42a Report Considerations, Criminal Negligence

Springleigh Residents Association has identified several issues related to stormwater management and resource consent processes by Auckland Council (AC). Here are some key points:

1. The S42a report (p. 141 of hearings agenda) states comprehensive responsibilities for flooding by AC. The hearings agenda for Stormwater NDC identifies that AC is responsible for floods, including for a '1 in 100-year flood event' or 1%AEP. However, the SRR consultation and TM Recovery Plan are misleading on the issue of flooding, and there is no indication that AC has direct responsibility for flooding.
2. The Stormwater NDC s42a report states that AC reduces existing flood risks by improving existing stormwater infrastructure. However, it cannot be established from the SRR consultation whether AC ever made an attempt to reduce flood risks or was maintaining existing stormwater infrastructure at the time of flooding. Both scenarios amount to criminal negligence.
3. AC frequently grants resource consents that allow the area of impervious surface on a property to exceed the provisions of AUPOIP. This results in stormwater not being retained on the property, overwhelming the stormwater system, creating overland flows, damaging private and public property, and having major negative impacts on the environment. AC is negligent in managing noxious plants obstructing stream flows and destabilizing river banks, and river margins are used without permission for private purposes.
4. The negative effect of impervious surfaces is cumulative, where housing intensification of many subdivisions and new housing development seal substantial parts of a suburb, such as in Owairaka and Mt Albert. During recent flooding, the effect of housing intensification without stormwater measures was a major negative environmental effect in Owairaka/Mt Albert.

The Springleigh Residents Association requests that AC address these concerns and take appropriate measures to prevent future flooding and environmental damage. It is important to ensure that AC fulfills its roles and responsibilities for flood hazards and manages stormwater infrastructure properly. Please note that the provided information is based on the search results and may not encompass all relevant details. It is advisable to refer to the official sources and documents for a comprehensive understanding of the situation.

G. Example of flooding due to impervious surfaces in Mt Albert

An immediate neighbour dug a ditch alongside his house during the rain on January 27th to save his house by averting run-off from surrounding subdivided properties. Although his house is not in a flood-prone area, his actions showed the desperation the community went through when Auckland Council (AC) lost control of stormwater management. The neighbour was still traumatized days after the flooding, and his fears were real because his house was flooded during Cyclone Gabrielle. The flooding required the removal of all carpets, furniture, personal belongings, etc., of a family with five children of pre-school and primary school age. Regulatory Negligence Regarding Flood Plains AC has frequently given exemptions to AUPOIP requirements for private development in flood plains. The extent of this neglect by AC has not been assessed but must be provided to inform SRR consultation and TM Recovery Plan. An independent inquiry is requested because the matter is major and affects the entire Auckland Region. Some of our examples below are situated in floodplains of TeAuaunga/Oakley Creek and its tributary (behind Tulja Centre) (Fig. 2-Fig 5). They have been managed negligently by Auckland Council. AC Healthy Waters was aware of the risks in floodplains, and resource consents must have considered floodplain risks. The Stormwater NDC Review, September 2022, outlines (but not limited to):

- *Improving how flooding is managed in the AUP(OP)*

- *In the AUP(OP), floodplain is generally managed by restricting what activities can occur within a floodplain which are set out in AUP(OP) Chapter E36 Natural Hazards. These rules apply to the 1% AEP floodplain.*
- *In applying the AUP(OP) rules, the floodplain map on GeoMaps is indicative only, although council's Regulatory department accepts its accuracy with regard to land shown on the floodplain map as being outside the floodplain. Healthy Waters notes that land currently shown as outside of the floodplain may, in the future, be exposed to flood hazard as a result of better information on the impacts of climate change or other factors influencing flooding. (p. 53)*

H. Cumulative Effects of Resource Consents and SMP Relating to Stormwater Provisions

The effect of negligence in the resource consent and SMP process is cumulative as AC routinely grants exemptions. Every application to exempt from stormwater provisions, including those in areas not considered flood-prone, increases the risks of flooding. AC had direct responsibility for flooding during recent storm events by neglecting its responsibility in RMA91 proceedings. Criminal Negligence

AC has given resource consents to remove stormwater requirements without mitigation since the decision on Stormwater Network Discharge Consent. AC knows that stormwater is a major problem since the date of decision. As a result, to continue to grant resource consent applications to remove stormwater requirements from property development is criminal negligence. In addition, AC has processed resource consents with stormwater requirement exemptions since January 27th, 2023. AC knows that it has lost control over stormwater management since this date. AC's actions amount to criminal negligence. Please note that the provided information is based on the search results and may not encompass all relevant details. It is advisable to refer to the official sources and documents for a comprehensive understanding of the situation.

Auckland Council must assess matters of negligence in storm recovery and provide evidence regarding the number of properties in Auckland that have no stormwater on their property or stormwater that does not fully meet the requirements of AUPOIP. Additionally, Auckland Council must provide evidence regarding the number of Resource Consents and SMP granted that requested exemption from stormwater requirements since the decision on Stormwater NDC, including numbers, spatial distribution, duration of consent, and all other relevant information held by Auckland Council. AC must also provide evidence regarding the number of resource consents with stormwater exemptions processed since January 27th, 2023. Furthermore, AC must assess the negative environmental and social effects of granting the exemption of stormwater requirements in resource consent and SMP applications, including cumulative effects and other matters under RMA91. The Tamaki Makaurau Recovery Plan must provide for complaints processes and access to compensation where AC has acted negligently in RMA91 processes. To manage stormwater, Auckland Council maps overland flow paths of rainwater, including stormwater risks, requirements, and responsibilities. Before developing or purchasing a site, it is important to be aware of any flood risks and stormwater requirements for that site. AC, Watercare, Auckland Transport, and the landowner are responsible for their own assets, including pipes, manholes, or drains, depending on where they are. AC owns and maintains public pipes, manholes, catchpits, and other assets that manage stormwater flow, quantity, and quality. Auckland Council tries to minimize flood risks, manage stormwater, and prevent water contamination through improvement projects on the stormwater network and waterways.

I. Examples of the effects of private development on impervious surfaces

Springleigh RA provides a limited number of examples to demonstrate how housing developments add to stormwater problems when exemption from resource consent provisions and SMP occur. Not included are commercial, industrial, public building developments.

Example 1 Common Scenario contributing to recent Flooding

Example 1 in Fig.6, is a very common scenario in all suburbs of Auckland. The section is subdivided. The surface is sealed by a driveway extending to the back fence, impervious surface in front of second dwelling and two dwellings for the purpose of car parking. Parking is given priority over flood risks in the resource consent process. Provisions of *AUOIP* for impervious surfaces are removed with the help of the resource consent process resulting in stormwater run-off into surrounding street and surrounding properties.



Fig. 6 Impervious surface in excess of est. 80% of property size due to subdivision, image is for the purpose of consultation under s82 *LGA* only, location in Owairaka,

Example 2 Common scenario in flood-prone areas

Example 2 in Fig. 7 and Fig. 8 is similar in scope to Example 1. The traditional second dwelling on the property is not visible, but has an impervious front yard. The dwelling with excessive impervious surfaces directly borders Te Auaunga/Oakley Creek, ref. Fig 8.



Fig. 7 Example 2, subdivision with impervious surfaces in Owairaka adjacent to Te Auaunga, image is for the purpose of consultation only



Fig. 8 South facing view of Example 2, in front are Te Auaunga/Oakley Creek, embankment wall with public walkway where recent flooding occurred, image is for the purpose of consultation only

Example 3 private development in flood-prone area

Example 3 in Fig. 9 is a large-scale development in which multiple, connected units seal 80-95% of a substantial section. This type of development is common in all suburbs of Auckland City, where it causes multiple stormwater issues depending on topography, soil type, earthworks among others. Astonishingly, our example is two houses from Te Auaunga/Oakley Creek where recent floodings occurred.



Fig. 9 Subdivision with multiple, connected units and excessive impervious surfaces on [REDACTED] [REDACTED] concreted driveway on other side of development (not visible), location is two houses from Te Auaunga/Oakley Creek, image for the purpose of consultation only

Example 4 high density development in flood-prone area

Example 4 in Fig. 10 is similar to example 3. Six units, impervious driveways, and impervious yards seal surfaces of between 80-95% of a section. Example 4 is located in the vicinity of Underwood Park and in vicinity to housing that experienced flooding. Here, some residents were forced to swim to save their lives as reported several times on public television news programmes.



Fig. 10 Example 4 of impervious section exceeding *AUPOIP* requirements, 15 a-f Parkinson Ave in Wesley in the vicinity of Underwood Park, image is for the purpose of consultation only

Example 5 High Density apartment housing

Example 5 in Fig. 11 shows the interior of a site developed for several story apartment buildings, a common housing development type in Owairaka, among other suburbs, with multiple stormwater issues. The site is sealed in excess of est. 80%. This housing development is situated on the corner of Hendon Ave/Range View Rd in Owairaka, in the vicinity of several similar housing developments in Range View Rd. During recent storm events the stormwater system on Range View Rd was not able to cope with this level of intensification, demonstrating the cumulative effects of housing developments with high degrees of impervious surfaces.



Fig. 11 Multistory housing development in the surrounding of similar housing developments in Owairaka, image is for the purpose of consultation only

J. 'NINE WAYS TO MAKE SPACE FOR WATER' DEFICIENCIES

SRR consultation and TM Recovery Plan considerations

1. Lack of statutory context: The SRR consultation and TM Recovery Plan fail to provide an explanation of the statutory context in which they operate. This omission makes it difficult for stakeholders to understand the legal framework and requirements that should guide the proposed initiatives.
2. Failure to fulfill legal requirements: The SRR consultation and TM Recovery Plan do not meet the requirements outlined in the Resource Management Act 1991 (RMA91), Auckland Unitary Plan Operative in Part (AUPOIP), and Stormwater Network Discharge Consent (NDC) as identified in the NDC review from September 2022. This raises concerns about the adequacy and legality of the proposed initiatives.
3. Inadequate focus on flood recovery: The "nine ways to make space for water" proposed in the consultation and plan do not adequately address the recovery from recent flooding events. The social effects of flooding are not adequately considered, and the proposed initiatives do not provide sufficient support for affected private property owners and communities.
4. Ineffectiveness in reducing floods: The proposed "nine ways" do not demonstrate effectiveness in reducing floods. The initiatives lack comprehensive measures to mitigate flooding risks and do not address the cumulative effects of stormwater management issues.
5. Duplication of consultation: The consultation on the "nine ways" partially duplicates the consultation conducted on the Stormwater NDC. This duplication creates confusion and raises questions about the transparency and effectiveness of the consultation process.
6. Negligence in stormwater management: Auckland Council's negligence in stormwater management is evident in the granting of exemptions to stormwater requirements for private developments in flood-prone areas. This negligence has contributed to the increased risks of flooding and undermines the effectiveness of the proposed initiatives.
7. Need for an independent inquiry: Given the magnitude of the negligence and its impact on the entire Auckland region, an independent inquiry is necessary to assess the extent of negligence in stormwater management and its consequences. This inquiry must provide a comprehensive assessment of the number of properties without adequate stormwater infrastructure, the number of exemptions granted, and the social and environmental effects of these decisions.
8. Complaints processes and compensation: The TM Recovery Plan must include provisions for complaints processes and access to compensation for cases where Auckland Council has acted negligently in RMA91 processes. This would ensure accountability and provide recourse for affected individuals and communities.
9. Storm recovery is pre-mediated by 'Future Development Strategy', 'Local Board Plans' among others.

It is crucial for Auckland Council to address these concerns and ensure that the SRR consultation and TM Recovery Plan align with legal requirements, adequately address flood recovery, and provide transparency and accountability in stormwater management.

Springleigh RA does not accept that Healthy Waters has legal, technical, or financial difficulties in providing stormwater under RMA91 and AUPOIP. AC must provide an AEE under RMA91 for 'Making Space for Water' and stormwater proposals in processes under proposed central government legislation such as the 'Water Services Entities Bill'. It must include a Social Impact Assessment. The 'nine ways to make space for water' proposed in SRR consultation and TM Recovery Plan do not fulfill the requirements of RMA91, AUPOIP, or Stormwater NDC as outlined in NDC review, September 2022. They do not propose recovery from recent flooding, and the social effects of recent flooding are not addressed. The 'nine ways' partially raise issues from NDC Review, Sept 2022, but they are ineffective in reducing floods. The consultation on the 'nine ways' duplicates in parts the consultation conducted on Stormwater NDC, and some of the consultation is irrelevant. The 'nine ways' increase uncertainty among residents and shift responsibility for flooding onto private property

owners and victims of recent flooding. The targets and assets of stormwater management are confused. The Recovery Plan must provide for complaints processes and access to compensation where AC has acted negligently in RMA91 processes. Regarding the 'nine ways to make space for water', Springleigh RA requests assessment and evidence for blue-green networks for consultation and for meetings of AC council. The information on overland flow path is false and not consistent with Stormwater NDC Review, September 2022. AC Healthy Waters puts responsibilities of stormwater management onto private residents, which is contrary to LGA. It is demeaning to give victims of flooding the responsibility of future stormwater management and infrastructure. Council's Geomaps is inaccurate and is accompanied by disclaimers by Auckland Council. Geomaps is not a statutory document, and private owners cannot identify overland flow paths from Geomaps. The responsibility and liability lie with AC Healthy Waters. Stormwater management and maintenance is the responsibility of AC Healthy Waters, and property owners are not responsible for run-off from impervious surfaces from new developments in their catchment. Property owners are not required to provide stormwater management where the public stormwater management in their catchment has been neglected.

The description of overland flow paths as the most important aspect in future stormwater management is inaccurate. According to the Stormwater NDC Review, Sept 2022, overland flow paths form a secondary stormwater network and their role in flood risk is not well articulated in management documents. The Stormwater Code of Practice also does not explicitly address overland flow path management. While the review advocates for the importance of overland flow paths, it does not propose legislative measures as claimed in the SRR consultation. Furthermore, the SRR consultation fails to mention that overland flow paths are not included in the Stormwater Code of Practice. It also does not address the use of public land for private purposes, which is highlighted in the Stormwater NDC Review. This omission creates a misleading portrayal of the proposed stormwater management strategies. The consultation document also suggests that private property owners are responsible for keeping overland flow paths clear, which is contrary to the responsibilities of AC Healthy Waters as outlined in the Local Government Act. It is incorrect to place the burden of future stormwater management and infrastructure on the victims of flooding. Additionally, the statement that property owners' actions impact their neighbours is false and misleading, as property owners are not responsible for run-off from impervious surfaces from new developments in their catchment. To improve the accuracy and clarity of the SRR consultation, the following revisions are suggested:

- Provide a clear explanation of the role of overland flow paths as a secondary stormwater network and their importance in flood risk management, as outlined in the Stormwater NDC Review.
- Clarify that overland flow paths are not explicitly addressed in the Stormwater Code of Practice.
- Include information about the use of public land for private purposes and the potential implications for stormwater management.
- Clearly state the responsibilities of AC Healthy Waters in stormwater management, rather than placing the burden on private property owners.
- Provide accurate information about the impact of property owners' actions on their neighbors, taking into consideration the responsibilities of AC Healthy Waters in managing stormwater runoff from new developments.

By addressing these revisions, the SRR consultation can provide a more accurate and comprehensive understanding of stormwater management and its implications for the community.

K. Working in partnership and statutory liaison groups

Working in partnership must include statutory community liaison groups identical to those established by *SH20 Waterview connection* (EPA25) on Stormwater NDC, all matters of re-litigation through Tamaki Makarau Recovery Plan.

L. Need for an independent inquiry into the responsibility of Auckland Council in recent flood events

The Owairaka/Wesley community can only recover from recent storm events when SRR consultation and TM Recovery Plan assess the effects of flooding as required by RMA91 and AUPOIP. The long-standing negligence of Auckland Council constitutes a major effect that contributed to the recently experienced flooding. Auckland Council severely failed during storm events and in its responsibilities regarding stormwater, on the regulatory level as well as stormwater discharge provisions. SRR consultation and TM Recovery Plan do not provide various checks and balances in their assessment of recent flooding, including the following matters (but not limited to):

- There is a failure to take responsibility for past and future flooding by AC that requires an independent inquiry. Communities in Owairaka/Wesley community to recover from community disruption caused by recent flooding. SRR consultation does not mention, flood, natural hazard, etc.
- Comprehensive causes of the recent flooding and their relief are not considered;
- Alternatives to stream works are not included in SRR consultation;

Independent Inquiry: Stormwater NDC defunct at the time of recent flooding

AC, including individual councilors, mayor, and deputy mayor, are responsible for funding restrictions leading up to the recent flood events. Stormwater NDC was not upheld at the time of recent flooding due to funding cuts. It is the responsibility of AC to give sufficient consideration to Stormwater NDC. Springleigh RA has reasons to believe that the governing body of AC has neglected stormwater issues for years, through the official information requests that we have made in recent years. Records show that councilors are negligent and often skip such meetings, attend after lunch-time when the meeting was scheduled for the morning, among other failures of AC. Healthy Waters Stormwater Network Discharge Consent, 6-Yearly Review, September 2022

Auckland Council's awareness of flood risk, 2.4.1

The review of Stormwater NDC demonstrates that Auckland Council was aware of an increase in flood risk prior to recent flooding. An independent inquiry is necessary to establish the reasons for the recent flooding and to establish whether AC had undertaken steps in response to the Stormwater NDC Review, Sept 2022. Flooding 2.4 of the review states in 2.4.1:

‘These hazards will be exacerbated by more extreme storms, changing rainfall patterns and sea-rise due to climate change. Tāmaki Makaurau’s catchments, coastlines and communities are experiencing the effects of flooding and erosion, both along the coast and inland. Risks will increase to life, property, the environment, infrastructure and the economy. All these climate hazard effects have been acknowledged by Auckland Council joining cities across the world in declaring a Climate Emergency.’(p.47, emphasis added) ‘At the same time, Tāmaki Makaurau is also experiencing unprecedented growth. There is continuing pressure to develop in areas where flooding and other hazards exist. Council organisations, infrastructure providers and private developers are making decisions to invest in developing land and infrastructure that may be significantly impacted by these hazards in the future.’(p.47). The review of NDC, Sept 2022, formulated objectives. Of these objectives, only the last one is subject to SRR consultation and TM Recovery Plan. Only an independent inquiry will ensure proper consultation and plan proceedings. ‘This objective is supported by four outcomes:

- avoid the increase of existing flooding or creation of new flooding of habitable floors as a result of urban development and intensification
- reduce existing flood risk by taking the opportunities from redevelopment where they arise
- manage existing flood risk to meet levels of service agreed to keep people and property safe from significant harm from flooding, and minimize disruption to critical social and physical infrastructure connections across the city
- improved community understanding of, and resilience to, flood hazards’ (p.47) Independent Inquiry:

2.4.2. Estimated exposure to flood hazard in Auckland of NDC review (p.47)

The Review of Stormwater NDC underestimated the exposure to flood hazard prior to recent flooding. The flood hazard along the Te Auaunga/Oakley Creek was far greater than AC Geomaps indicated.

An independent inquiry is necessary. In Wesley/Owairaka, the flood hazard exceeded what the community was able to cope with. Some residents were forced to swim to save their lives. The community had been misled into believing that the stormwater works along Te Auaunga/Oakley Creek in Walmsley and Underwood Parks were there to reduce flood risks by various AC Healthy Waters promotions, continued in the present SRR consultation showing images of Underwood Park. Community concern regarding TeAuaunga/Oakley Creek is long-standing and was not removed by the recent stormwater works in Walmsley and Underwood Parks. Flooding occurs regularly along the 'shared path'. Surrounding neighborhoods are afraid of further flooding. The loss of lives is treated casually by AC. A number of submitters, including Springleigh RA, raised the issue of flooding during Stormwater NDC proceedings. The 'South Harbour Business Association Inc' (but not limited to) summarized in their submission the lack of 1%AEP flood risks and loss of human life in Stormwater NDC. Springleigh RA summarized matters of negligence by AC Healthy Waters such as (but not limited to), RMA91 issues, the effectiveness of SMP was not demonstrated, 'Best practicable option' did not reflect those of SH20 Waterview decision, the danger of 100-year ARI flood flow considerations, mitigation for flooding risks among others in our 'Statement of Evidence II' on Stormwater NDC:

'The Avoidance of Mitigation and Seeking only to Reduce Major Adverse Environmental Effects 'where practicable' is negligent and does not meet RMA91 Requirements

1. *The applicant's approach to not seeing mitigation of adverse environmental effects as a requirement for Stormwater NDC is negligent, as SH20 Waterview established that stormwater effects can be mitigated. The reason for not seeing mitigation as a requirement seems to be because it is an urban environment, not because of difficulties with mitigation.*
2. *The s42A report fails to address the submission made by Springleigh RA and does not propose effective conditions.*
3. *The applicant proposes 'off-setting' instead of mitigation, which is not in line with relevant case law cited by Springleigh RA.*
4. *The applicant does not provide clear and robust guidelines for mitigation, instead relying on SMP templates that will be developed over time on a 'learning by doing' basis.*
5. *Springleigh RA has questioned how the applicant uses the word 'reduce' as a substitute for mitigation, citing relevant case law such as the 2013 decision Royal Forest and Bird Protection Inc v Buller District Council.*
6. *The applicant has a poor record regarding mitigation of stormwater, contributing as a major effect to the recent flooding.*
7. *Stormwater construction in Underwood and Walmsley Parks resulted and still results in excessively long and continuing closures of parks, negatively impacting low-socio-economic communities for years.*
8. *Currently, parts of Underwood Park are used as construction yards, affecting access to walkways and bridges that were conditions of Decision on SH20 Waterview.*
9. *The downstream ecological and historical effects of stormwater development in Underwood and Walmsley Parks are not understood.*
10. *It is questionable whether the applicant ever assessed the stormwater development in Underwood and Walmsley Parks under ss5-8 of RMA91, and whether Local Boards provided*

sufficient information on community/social effects, relevant information regarding the Oakley Creek, downstream effects, and sectors of SH20 Waterview.

11. *Mitigation regarding rivers, wetland, streams, and coastal areas was directed by the Decision on SH20 Waterview connection, which Stormwater NDC is inconsistent with.*
12. *Stormwater NDC is negligent on matters of BOP, which do not serve the purpose of mitigation and do not fulfill RMA91 requirements.*
13. *SMP templates were not effective in stormwater management, contributing as a major effect to the recent flooding. Deficiencies in Stormwater management plan templates and approvals must be investigated and assessed in an independent inquiry.*
14. *Stormwater NDC is inconsistent with the Decision on SH20 Waterview and the conditions on stormwater effects, particularly on mitigation.*
15. *The effects of stormwater must be mitigated as part of infrastructure proposals, as directed by SH20 Waterview.*
16. *Flood recovery is a matter of national significance and must be called-in under RMA91 to enable effective recovery. An independent inquiry into SMP is necessary to establish whether they were properly applied in new developments and whether AC Healthy Waters applied checks to SMP that included the risk of flooding.*
17. **2.3.5 Stormwater management plan template**
18. *A stormwater management plan (SMP) template and preparation guidance were prepared and published at the time that the NDC commenced. Since then, most of the SMPs received by Healthy Waters have been prepared using the SMP template. The quality of SMPs received has improved over time as applicants and their professional teams have become familiar with the template and process. However, there are several common areas where submitted SMPs frequently lack detail and clarity. These include:*
 19. *• identifying what the outcome of stormwater management is to achieve*
 20. *• providing a sufficient level of information acceptable for the NDC around proposed public infrastructure*
 21. *• providing an integrated stormwater management approach across the area of interest*
 22. *• providing sufficient information on how the development will integrate with the natural environment*
 23. *• providing clarity around why what is provided represents the best practicable option (BPO)*
 24. *• providing detail around how the BPO will be implemented*
 25. *• using a toolbox of devices without any direction on which elements in the toolbox should be chosen in which circumstances.*
26.
27. *The SMP template was highlighted through the industry engagement as a key area for improvement in order to improve the overall SMP approval process and to achieve the overarching NDC outcomes. Feedback included:*
 28. *• SMPs are too long, information requested is repetitive*
 29. *• scalability – not clear from template about different levels of detail depending on size/complexity of development*
 30. *• level of detail required is unclear*
 31. *• different template needed for greenfield/brownfields. '(p. 28)*
32. **M. Independent hearings panel for the purpose of consultation and plan proceedings**
33. *Consultation on Storm Recovery and Resilience must be conducted by an independent hearings panel to ensure that all matters of storm recovery and resilience are addressed to fulfill RMA91 requirements. Initial consultation on Stormwater NDC was heard by an independent hearings panel. The proposed changes and impacts of SRR consultation and TM Recovery plan on AUPOIP are major and affect the entire Auckland Region. They exceed the scope of a simple plan change. SRR consultation proposes that entire sections such as 'Open*

Space', even the 'Purpose' are changed solely for the convenience of AC Healthy Waters in its efforts to correct past mistakes in stormwater management. AC Healthy Waters proposal as part of SRR consultation focuses on the provision of stormwater management for the purpose of housing intensification exclusively. An assessment of the natural and physical resources is not included. AC ignores that the Unitary Plan does not propose the slackening of Environmental Standards even in the case where housing intensification occurs. It does not overrule the National Coastal Policy Statement, the Regional Coastal Statement, the National Freshwater Statement, the Hauraki Gulf Marine Park Act, the National Biodiversity Statement among a host of relevant documents and Acts stated in the Unitary Plan. It is questionable whether Auckland Council exercises its function under the Local Government Act or the RMA91. In particular, it is questionable whether the Auckland Council is considering all matters necessary to make a decision under RMA91 regarding SSR consultation and TM Recovery Plan. It is not transparent whether AC including individual councilors, mayor, deputy mayor had access to assessments prior to the decision on 'Draft Interim Recovery Plan'. In addition, an independent inquiry must establish whether SMP under Stormwater NDC were properly applied in new developments and whether AC Healthy Waters applied checks to SMP that included the risk of flooding. Similar to resource consents, SMP were applied in a manner that undermined Stormwater NDC. Buy-outs for new developments are not permitted where SMP did not disclose all evidence. From Stormwater NDC Review, September 2022, SMP templates were not effective in stormwater management, contributing as a major effect to the recent flooding. Deficiencies in Stormwater management plan templates and approvals must be investigated and assessed in an independent inquiry. Furthermore, the proposed changes and impacts of SRR consultation and TM Recovery plan on AUPOIP are major and affect the entire Auckland Region. They exceed the scope of a simple plan change. Unitary Plan considerations in SRR consultation must be heard by an IHP lead by a Judge of the Environment Court.

N. Independent Hearings Panel and Stormwater NDC

- All matters related to Healthy Waters must be heard by an Independent Hearings Panel, as Stormwater Network Discharge Consent was initially heard by one. Changes to Stormwater NDC should not be made by Auckland Council (AC) as they affect a large part of Stormwater NDC proceedings.

Independent Hearings Panel for community consultation and democratic representation
Request:

- An independent hearings panel must be established to ensure consultation, in a process similar to other plan proceedings.
- Statutory community liaison, as in the SH20 Waterview decision (EPA25), must be included.

O. Re-litigation of Stormwater Network Discharge Consent and submissions

- AC is both the relevant consent authority and the consent holder of Stormwater NDC and must ensure that it is complied with. However, AC creates uncertainty and inequity for communities in the worst-hit areas such as Wesley.
- Storm recovery and stormwater diversion and discharge are not identical issues. Stormwater NDC is a consent for the process for managing the diversion and discharge of stormwater. It was required as a discretionary activity under the Auckland Unitary Plan.
- The SRR consultation and proposed TM Recovery Plan relitigate Stormwater Network Discharge Consent in major ways, most notably flooding effects, impacts on property, how stormwater is directed through overland flow paths, effects on stream health from stormwater flow, including stream erosion and water and sediment quality, effects on the coast primarily related to the accumulation of contaminants carried in the stormwater system, and the impact

on the marine ecosystem, impact on Motu Manawa Marine Reserve, and effects on groundwater from stormwater entering and recharging aquifers.

- The SRR consultation, ‘Making Space for Water’ programme, and TM Recovery Plan relitigate the submission on Stormwater NDC of Springleigh RA. The efforts of community groups like Springleigh RA must not be repeated.

P. IHP ensures effective democratic representation

- Democratic representation through Auckland Council and Local Boards does not fulfil the requirement of the Local Government Act (LGA). During the large flood of January 27, 2023, democratic representation ceased, leaving low-income migrant communities in Mt Roskill/Wesley severely disadvantaged and endangering the lives of people living in the vicinity of Te Auaunga/Oakley Creek. Communities in Mt Roskill/Wesley did not have the ability to cope with the failing stormwater system. Access to Wesley Community Centre, a focal point for the community with social services, or schools were inaccessible to residents. Wesley community had to depend on charity hand-outs in the case of catastrophe partially because democratic representation was ineffective.
- The governing body of the AC voted on the first version of ‘Draft Interim Recovery Plan. It is not transparent whether AC had any workshops or meetings prior to the vote. However, the community must assume that the AC is competent in questions of stormwater management and must assume that councillors understand Stormwater NDC and events leading up to recent flooding. This includes the councillor for Mt Roskill Wesley, who we tried to consult with at the annual budget meeting.
- Annual Budget, Long-term Plan, Local Board Plans, and iwi have their own consultation and proceedings that are premediated and changed without proper notification through TM Recovery Plan and SRR consultation. This is contrary to LGA.

Q. Matters concerning AUPOIP

- Unitary Plan considerations in SRR consultation must be heard by an IHP led by a Judge of the Environment Court. The proposed changes and impacts of SRR consultation and TM Recovery plan on AUPOIP are major and affect the entire Auckland Region. They exceed the scope of a simple plan change. SRR consultation proposes that entire sections such as ‘Open Space,’ even the ‘Purpose,’ are changed solely for the convenience of AC Healthy Waters in its efforts to correct past mistakes in stormwater management.
- AC ignores that the Unitary Plan does not propose the slackening of Environmental Standards even in the case where housing intensification occurs. It does not overrule the National Coastal Policy Statement, the Regional Coastal Statement, the National Freshwater Statement, the Hauraki Gulf Marine Park Act, the National Biodiversity Statement, among a host of relevant documents and Acts stated in the Unitary Plan.
- In the case of Rosebank Peninsula (Avondale), AC attempts to empty AUPOIP provisions without resource consents through Future Development Strategy. AC attempts to change the AUPOIP zoning of large parts of Avondale to higher densities affecting stormwater and its receiving environment.
- It is questionable whether Auckland Council exercises its function under the Local Government Act or the RMA91. In particular, it is questionable whether the Auckland Council is considering all matters necessary to make a decision under RMA91 regarding SRR consultation and TM Recovery Plan. It is not transparent whether AC, including individual councilors, mayor, deputy mayor, had access to assessments prior to the decision on ‘Draft Interim Recovery Plan.’
- ☐ Local Board and Councilor Representation
Local Board and councilor representation on matters of stormwater and recent flooding is inadequate. They provide brief anecdotal statements at best, and RMA91 evidence has not been exchanged. This issue was raised during the submission process of Stormwater NDC by

Springleigh RA, but AC has not addressed it as the consent authority or holder of Stormwater NDC. The lack of democratic representation severely affects migrant communities in Mt Roskill/Wesley/Owairaka.

- ☐ Annual Budget and Albert-Eden Local Board Plan Public Consultation 2023
Springleigh RA attended the publicly advertised consultation regarding the annual budget and the Albert-Eden Local Board Plan after the recent storm events. However, the Albert/Eden Local Board had no knowledge of storm events, stormwater, and Three Waters reform, believing that they solely lie with AC. The Mt Roskill councilor responsible for the community in Wesley that experienced extreme and dangerous flooding had difficulty navigating the consultation document. The engagement officer terminated the consultation between the Mt Roskill councilor and Springleigh RA, believing that matters relating to the recent storms and Three Waters exceeded the requirements of publicly advertised consultation, even where they were included in the annual budget consultation document. Springleigh RA lodged a formal complaint against both the Mt Roskill councilor and engagement officer to document the lack of democratic representation by AC.
- ☐ Storm Recovery and Resilience
AC is seeking feedback to help develop the Tāmaki Makaurau Recovery Plan and refine the 'Making Space for Water' initiatives. They want to know how the storms affected you and your community and what you think should be done to help us recover and build resilience.
- ☐ Flood Hazards and Defended Areas
Waikato District Council has a section 42A report on flood hazards and defended areas.
- ☐ Stormwater Master Plan
The Estes Valley Stormwater Master Plan investigates coordinating the use of open spaces, rights of ways, drainage tracts, and easements to recommend environmentally sound solutions.
- ☐ Auckland Council's Stormwater Interventions
Auckland Council is using a range of tools within stormwater management to maintain and improve water quality as required by the NPS-FM. This paper provides more information on how they are using stormwater interventions to meet environmental requirements.
- ☐ Stormwater Network Discharge Consent Process
The Stormwater NDC authorizes existing and future public diversions and discharges that meet the conditions of the consent within existing and future public stormwater networks.

23. August 2018

Hiltrud Gruger

- For Springleigh Residents Association



Storm Recovery and Resilience Consultation

#1596

Note: this version of the feedback form has been created for the purpose of publishing submissions. As such, contact and demographic information has been removed and handwritten submissions have been transcribed.

Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Whilst our property is prone to being a natural water way when heavy rains occur, on the 31st of January we were in the worst position yet, as the culvert behind our house rose to a height the water could not escape from our property, and it breached its banks and water flowed toward our house. The first time since my Dad built the house in 1970. The incredible rainfall over a sustained 40 minute period around 7.00pm just created a perfect storm and water entered our home.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

We had wonderful support from our neighbours and friends at the time with offers of accommodation and food. We have had the gib removed to 600ml for the initial inspections and carpet removed and my wife in particular feels very embarrassed and angry at the state of our home. Insurance have still not completed their report to get the restoration work done. The fact many of us are in the same boat makes us feel better, and of course many are much worse off.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

To at least know the council will take a real decision to deepen the culvert and make some long term views on what needs to be done now. To acknowledge that the waterways are not the responsibility of the landowner, and to grab this opportunity to help its ratepayers given how many more infill houses and apartments have been allowed to be built also, that add more pressure to infrastructure.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Build to protect. Clear the waterways, remove the bottle necks. Have people come and spend time with affected people and listen to suggestions.

6. There are nine possible initiatives outlines 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?

I applaud the approach and endorse any moves to improve the situation with investment and earthworks. It has to happen as in reality the climate issues will not go away, only worsen.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

We feel the Fulton Hogan team that look up the waterways need also to be engaged to perform clearing works to ensure waterways are clear in advance of any such weather events. To see some pre action. Having a hotline we can call to have people come and help us review our drainage situations as we also have a neighbour who put concrete blocks up to avoid our water entering their section!









Storm Recovery and Resilience Consultation

#1645

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

The entire cliff face on my property fell into the Manukau Harbour. We lost access to all our reserves, both for recreation and for pest control.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

Dealing with insurance – still ongoing.

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Reopening of some of the local reserves.

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**
- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1702

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

I had damage in my basement and water coming through the roof in the back basement

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Nothing from community, I got my own cleanup done and added more downspouts to future roof the water flow

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

The stormwater and sewage should be regularly cleared

- 5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Upgrade drains and storm water pipes

- 6. There are nine possible initiatives outlines 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?**
- 7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**



Storm Recovery and Resilience Consultation

#1743

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Part of my garden flooded but only a few inches. My house was fine. Quite a lot of houses in my neighbourhood and a few at the bottom of my street flooded badly so people had to move out.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

I think some people in my area found the support from Roskill Sputh Hub with housing and food quite helpful. Now I don't really know what support they need as I don't know anybody who was flooded personally. I think some people in my area are still living in houses that flooded though which makes me worried for their health. They are mainly tenants living in cheap units and I suspect they don't feel like they have any choice

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

I think if all the flooded houses had either been removed or replaced with warm dry homes that were flood resilient. Also lots of the streams in my area are culverted in narrow

concrete channels and flooded. I would feel better if those were fixed and had more green space around them so they dont flood again.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

In terms of immediate response. I think better training and resources for Auckland Emergency Management and a much better resourced welfare response that is run in parts of the city (eg central or west) so Council can be closer to local communities and understand and meet their needs. More funding and support to local community partners to respond would be good as well.

In terms of future risk, we need to stop zoning and consenting new houses in flood plains (or other hazardous area like cliff tops) and also remove some of the most at risk current houses. We also need to provide much more stormwater capacity in flood prone areas like the central isthmus and Wairau Valley through blue green networks and piped solutions where necessary and maintain what we have better.

I think there are parts of Auckland, like Karekare, which are remote and have very small populations and high risk of extreme weather events where we need to have a serious discussion with the community about whether they can safely keep living there. From an affordability perspective I think Council and central govt need to have clear policy and triggers for how long they can afford to keep on propping up services and infrastructure like roads, power lines etc in some very at risk areas with a low population.

There also needs to be clearer policy (probably led by central govt) for what compensation people will be offered after events so this is fair but also affordable. For example, I think payouts should be capped at a certain value (maybe what it would cost a family to get a modest home with the number of bedrooms they need). I personally think Council shouldn't pay out \$10 million for a cliff top mansion and ratepayers shouldn't have to compensate for holiday homes. The Council/central govt liability for climate incidents in future will be too big for every property to be bought out at market value pre 'extreme weather' event.

6. 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?

I support them all especially the blue green networks. I live near an existing blue green asset (Te Auaunga through Walmsley Creek and Underwood) and it is hugely beneficial to my community. I also really support the initiatives to increase rural community and marae resilience and engage and educate communities about solutions.

I would pay a targeted rate or additional rates to cover these costs.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

As above, I think we need clear policy and guidance for when Council will buy out properties and to what value. But this probably has to be led by central govt.



Storm Recovery and Resilience Consultation

#1770

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Extensive flooding in parts of Auckland close to me. A family member's house (in Mt. Roskill) was impacted by floodwater throughout, that has since been remediated.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

Greater awareness of the new adverse weather related risks, not previously known to us. Attention to stormwater guttering and partially blocked downpipes.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Auckland Council upgrading region-wide stormwater drainage. Auckland Council reviewing and then implementing consent changes to building to minimise future storm-water flooding and damage. Government and Council managed support for households (and businesses) in highly flood/storm affected areas, that have been identified.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Per answer (above) to question 4.

6. There are nine possible initiatives outlines 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?

Mostly very good...and overdue. 2023 so-far has been an extreme year for wet weather. It is a new benchmark for adverse weather related planning and preparation. Let's grasp the opportunity for effective and timely planning and implementation.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1819

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Your feedback

KRSNA DHAM LIMITED

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

My property and my tenants were unaffected.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

My property and my tenants were good and normal after the storms.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

As nothing happened to my tenants, they are happy.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

What ever program council want to implement including advising me as a property owner for new developments

6. There are nine possible initiatives outlines 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?

More to be informed for the site I require over land floor path management that is affecting my property and flood prone site which are both affecting my property - New Development.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Could the recovery team advise the owner on the issues below.

A property in May Road that was NOT AFFECT at all during the January 2023 flooding however

1) It is classified as flood Prone and has a flowpath according to the Geo Maps and the latest flood maps released by Auckland Council

2) According to the risk categorisation 1-3 , It is deemed low Risk , however there is no tool to determine what the actual risk category rating is ???

3) If the property owner is intending to develop this site for multiple Apartments and submitted a Resource consent prior to the flooding , how can they be guided and assisted in updating their resource consent for the development?..

4) If a specific detailed Flood report for the property is required as requested by planners , is the council doing a community assessment of the Mt Roskill Area so the owner can be guided accordingly? , before preparing a scope of work for the Flood assessment Engineer and engaging them.



Storm Recovery and Resilience Consultation

#1828

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

In our area the prime concerns have been around the slips along the cliff edge.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by slips or landslides

3. In the months following the storms, what has helped you and your community get through?

The response in accessing the safety of properties and especially homes was very prompt but process has been very slow. It would have been/would be good to have a contact group of people directly affected by the slips along the coast so we could offer each other support, share relevant information and form a lobby group.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A resolution to the dangerous cliff edge on/inside the boundary of our property. It is over hanging the now sheer cliff in places and according to the geo-technical person is 'soft' and dangerous in places. These 7 months on and we have no idea of what is to be decided re securing our property.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Keep drains clear and maintained. On the cliff edge serious consideration must be given to the management of Pohutukawa trees i.e. keeping them trimmed in a way that maintains the health of the tree with the minimum amount of weight in the tree itself and council support offered to the planting of Vetiver grass along the cliff edges and on the cliff themselves.

6. There are nine possible initiatives outlines 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?

They all sound very worthwhile to me.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Just what I have mentioned above -policy on how the cliffs can be maintained and managed much better. Some detailed and serious study around the management of pohtukawas on the coastal edge.



Storm Recovery and Resilience Consultation

#1906

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Streets were flooded in the immediate area which made it tricky to go anywhere during the heavy rains but they receded fairly quickly. Some houses had flood damage or slips as they backed on to creeks which weren't clear or became blocked by slips.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

People who backed on to creeks asked on Facebook for other people who backed on to the creek to please check and clear what they could. However this message would not reach anybody not in the community group.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Not sure

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

For the council to take action on maintaining the assets which is what we pay rates for. And making sure infrastructure and large scale housing infill can cope with the extra run off caused by the reduction of green space. Allow for green space in any further housing development - instead of 6 houses replacing where one house was. 'A warmer atmosphere and extra heat' is being caused by the housing being intensified and heat reflecting off roofs with no green space to absorb the heat. So the unitary plan to intensify housing is adding to the 'climate change.'

6. There are nine possible initiatives outlines 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?

Overland flow paths - most people would probably not know that they are on a flow path and to keep their property clear of fences, building etc. They would probably be pretty annoyed if they could have fences to secure their property and assets. It may also severely restrict what they do with or build on their properties. I think the council should better improve storm water catchments and culverts in these areas, so as not to impact peoples properties as much.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?



Storm Recovery and Resilience Consultation

#1971

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

5 floods in 5 months, 1 of which was 4 feet deep which could have killed me if the 900mm of water on the other side of my ranch slider had broken the glass.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, Other damage to my home

3. In the months following the storms, what has helped you and your community get through?

Insurance. Understanding clients.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Emotionally nothing when it's probably destroyed 2 decades of trying to get my business from part time to full time. I was almost at the point of becoming full time and now that is being taken away by WINZ.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

You knew about the flooding and land contamination issue decades ago and just keep trying to shift responsibility. How about taking ownership of your responsibility of "Duty of Care"

6. There are nine possible initiatives outlines 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?

Go to the world bank disaster recovery fund instead of screwing the rate payers when you've already had the rates for decades and spend it on stupid speed humps that don't slow down genuine "Hoons" they just see it as an opportunity to get "airborne".

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Fix the sewer system so it doesn't overflow BEFORE the storm water overflows as this ultimately ends up with sewage both on the land AND in the waterways.

I'd like to try and tackle two main issues at the same time. One being the flooding and the other being land contamination. Both issues have been fraught with cover ups and greed and corruption for decades and it needs to end once and for all. There are also other issues like the sewage system that overflows PRIOR to the Oakley creek overflowing the land that I occupy which MUST be caused by properties that are directing their storm water into the sewage system WITHOUT consent.

Regarding the land contamination and flood zones the council has a duty of care to make sure that tenants are advised of the contamination because landlords are not doing it deliberately just for personal gain, much the same as landlords are doing with flood zones by not informing new tenants and this should also be part of the tenancy application form to be notified to a prospective tenant. The duty of care is to make sure that all residents are safe in their home which I clearly wasn't when I wasn't informed of the contamination or the flood zones. The council actually needs a "register" of when tenancies are changing, and this could be done via the tenancy services who should be notified when a tenant is vacating a property prior to them leaving so that it means that any landlord must list land contamination and or flooding when sending out new tenancy applications for a future tenant and the both the council and tenancy services is notified that it has been done. This way the council is deemed to have upheld its duty of care which it currently isn't doing, (and neither is central govt). In other words; council and tenancy services need to work together to stop people like myself being maimed permanently when it comes to land

contamination and if I hadn't had insurance I would have been crippled financially regarding the flooding which I wasn't notified of either. The City Council and Central Govt has a record of where land contamination AND flooding

zones are and yet it is often not put on the LIM reports. Both local and central govt have a duty of care to list any known issues, then either flood zones or land contamination this should be listed on All LIM reports. Since many properties are bought and sold without a LIM report it is my belief that All properties MUST have a LIM as part of the notification when changing ownership AND usage as a commercial property may over time be turned into residential and previous land contamination be "unearthed" in the future and vice versa. A report should be put forward to both central and local govt that ALL property owners and tenancy managers should have to notify prospective tenants of both land contamination and flood zones via the tenancy application form in the first place and when I get a chance I'll notifying Tenancy services of their duty of care as well Simply because I've now been done over twice by not being informed of a potential threat to my life. The flooding was so bad that I was watching 900 mm of water on the other side of my ranch slider waiting for the glass to break while not being able to leave because the water was travelling at 30kph down my driveway. Either way I would have drowned if it hadn't been for sheer luck and when both myself and a friend called 111 to be asked to be evacuated no one turned up until the following morning to make sure my elderly Neighbours had escaped. The land contamination has maimed me for life and could have killed me and my son if it wasn't for someone down the street who notified me after 6 or 7 years and I wasn't notified of the flooding issues where I now live and can't escape due to rental prices going up for areas that aren't flood zones.

Both local and central govt NEED to take ownership of responsibility of the contamination since both are complicit in how badly it's been handled since the 1990's. (before I moved in mid 2004). While I'm not supposed to list personal issues, some of them have been caused by a failure of duty of care by almost every single govt dept including ADHB who didn't pick up on the heavy metal poisoning over a number of years while my youngest son was getting sicker and sicker. He has

thankfully recovered, I haven't and never will. The damage is permanent and I will continue to suffer the consequences which will only get worse as I get older.

ALL properties need to have both flooding issues AND land contamination listed on both the LIM report and Tenancy agreements.

All property change of ownership or change of usage should be on both the LIM report AND notified to tenancy services. Both local and central govt needs to list both issues on LIM reports when they already have the records and have been trying to hide them and if you don't believe me I have in my possession a

map showing that council knew of land contamination long before I moved into Panorama rd.

Regarding how to solve the flooding issues; The bridge at Winstone rd for the Oakley creek is 100 years old and is of very poor design. It has a centre pylon which collects debris during even minor rain events. This debris collects more debris during a major rain event and creates a damn. Despite there being a contract in place to clear the debris and Fulton and Hogan are now going above their contract duties, this debris just keeps arrives because there is no other maintenance of the rest of the water course. The only solution is to replace the bridge along with obstructions of a very poorly designed manmade water course that was made in order to drain a previous swamp which will require the enactment of the public works act to widen a great deal of the manmade creek between James Preston place and May road in Mt Roskil. Council has listed 17 properties as due for "attention" to save 100 properties and it my belief that this is totally UNDER engineered and that in actual fact there needs to be at least 21 if not more properties that go under the "public works act" in order to try and future proof everything properly.

It is also my belief that the original water course that now no longer exists between "The Dr" in Epsom and near Rawalpindi Street be reinstated under the public works act in order to save thousands of other properties in this area.



Storm Recovery and Resilience Consultation

#1984

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Flood to home. Knee level flooding. Leading to evacuation. Loss of contents.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Salvation Army - immense support with clean up

Auckland Council relief fund & rates convenient

Govt support on basic needs

Family & friends support

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Insurance not giving a headache

Council / Local Board getting involved & looking seriously into this flooding affecting Mt. Roskill. Tidy Oakley Creek (clean up on a regular basis), having other measures eg. putting more storm water in place, reducing condensation (home building), building dam.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Do something about Oakley Creek.

Houses must be built elevated.

6. There are nine possible initiatives outlines 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?

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Clean up Creek regularly

Building more storm water

Building dam



Storm Recovery and Resilience Consultation

#1987

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Badly affected by floods & the backyard turned to pool. Neighbours all good flooded. We were flooded 3 times after Feb. We are scared of the rain. We put the stuff up. On the weekend we put the stuff up getting ready for Monday. It was difficult to sleep. We were sleeping but keeping the eye outside. We move the car when rain.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods

3. In the months following the storms, what has helped you and your community get through?

Keep stuff in higher places. It is lot of work to clean up. Lots of cleaning.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

A place to get out. Not safe anymore. Every time it rain we think it is going to rain.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better warning. There was no warning. People need to prepare. Then we can prepare a bag with important stuff. Leave every other thing behind.

6. There are nine possible initiatives outlines 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?

Help more people

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

There is a big creek. They have planting trees. We do not see clearly.



Storm Recovery and Resilience Consultation

#1988

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

2. Was your home flooded or damaged during the extreme weather events in early 2023?

3. In the months following the storms, what has helped you and your community get through?

Clearing the scruffy domes

Regular clearing of water infrastructures -planning

Communications -update not just websites - text

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

consultation on remediation -what is happening?

Door to door -face to face not a tick box

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Mitigate- Rubish removal, pruning.

Prepare - Ask residents where their problem area are not just the last floods.

Plan-dedicated local wardens to care for the infrastructures.

6. There are nine possible initiatives outlines 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?

Has to be spat.

the solution isn't just with experts- community disability community..

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Education- schools/faith communication

Disability information providers, yes, a disability independent service provider to connect disability communities.

Risk profiles for disabled people needs to acknowledge that flood heights will affect our community.

Renters with disabilities don't have a choice on where to live -how ill they know a house is a flood risk rental?



Storm Recovery and Resilience Consultation

#1990

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Stormwater repaired and fixed.

2. Was your home flooded or damaged during the extreme weather events in early 2023?

No damage to my home

3. In the months following the storms, what has helped you and your community get through?

No information yet on back to normal. Restoration date and the costs involved pushed actual timeframe for mental health solutions.

4. What would help you and your community feel like you had 'recovered' from these extreme weather events?

Transparency or data and protentional dangers of any kind in affected areas of natural disasters.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Climate change guidelines to be followed when construction of houses and built to combat the nature disasters such as thunderstorm, heavy rain and other aspects.

6. There are nine possible initiatives outlines 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?

Transparency and funding breakdown for infrastructure repair etc for the affected areas

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Body corporate- transparency of data, information, should be asked by Auckland council to provide to all the unit owners if the work done by body corporate can advise by council as owners are kept in the dark. The process needs to improve.



Storm Recovery and Resilience Consultation

#2013

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Your feedback

Local Board: Puketāpapa

1. How were you, and your local community, affected by the extreme weather events in early 2023?

Community: Property flooding with however no cases of rising to floor level that I know of although for some houses it was a “close call” and many of us are concerned that our neighbourhood is at future risk.

Our property was mostly under water but this is a house built in 1935 with long piles giving a “suspended floor” well above ground level. The gully traps went underwater so we evacuated our family member occupant for a day. We needed to do a sludge cleanup. The ongoing planning to improve our private drainage, including engaging an engineer, is challenging and taking a long time. The high floor means we do not have dramatic damage that gets attention. Our ongoing problem is high inflow of water from the surrounding neighbourhood from even moderate rain. Pumping it out is only a partial solution. (more in 4 below).

2. Was your home flooded or damaged during the extreme weather events in early 2023?

Affected by floods, No damage to my home

3. In the months following the storms, what has helped you and your community get through?

4. What would help you and your community feel like you had ‘recovered’ from these extreme weather events?

Council playing its part in neighbourhood problem solving including improvements.

Looking at the “Recovery FAQs” – Ref:

<https://ouraukland.aucklandcouncil.govt.nz/news/2023/08/recovery-faqs/>

We would especially like to see action on:

“The Government has indicated it is prepared to co-fund property-specific protection work.”

In our case we have collected evidence that too many soakpits from infill housing, feeding into an underground lake are the main cause of our property and wider neighbourhood issues. Reticulated drainage is the obvious remediation. However solutions could include this kind of funding of rockbore drains with supplementary French drains. Where rockbore testing fails, funding could be of drainage to kerb.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Council needs to be open to a wide range of solutions, including encouraging and embracing creative problem solving. According to MBIE, Auckland Council needs to improve in this area with the evidence being a high rejection rate of “alternative solutions”. Ref:

<https://www.mbie.govt.nz/building-and-energy/building/building-system-insights-programme/evaluation-of-the-building-consent-system/problems-in-the-building-consent-system/>

“... the current system appears to be discouraging innovation ..”

NZ once had a strong tradition of “kiwi ingenuity”. We need to find that again.

I talk to tradies who are critical of Council. When I ask them why they are not using the complaints procedures they say that they fear Council blocking of their consent applications. (I don’t believe that else I would not be writing this). This is a serious relationship breakdown. Council needs to make peace with the tradies to get effective problem solving happening.

Suggestion: have a section on the Auckland Council website that showcases tradie creative solution success stories. Encourage “alternative solutions” by giving out awards for them. “Alternative Solution of the Month” and a big annual presentation with a trophy for “Alternative Solution of the Year”.

Related to agile and creative solutions is this item from the “Recovery FAQs” – Ref:

<https://ourauckland.aucklandcouncil.govt.nz/news/2023/08/recovery-faqs/>

"Will Auckland Council remove some of the barriers to getting resource consents for remediation (eg timing, costs)?

Auckland Council’s Recovery Office is discussing this with our Regulatory Services team and will provide some further information when we have it.

PLEASE PROGRESS THIS.

6. There are nine possible initiatives outlines 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?

Looks good. Specifically:

“Flood Intelligence”:

I use "Geomaps Public" but I appreciate that the new Flood Viewer is a more user-friendly version while being well focussed for stormwater reference for the general public.

"Community-led flood resilience".

A good start but needs development of those flood readiness resources including answering some simple questions. eg

(1) We still have a bucket of sludge saved from our anniversary weekend cleanup and we have never been able to find out how to safely dispose of it. Please do tell. Strange things are starting to grow in it.

(2) What to do when flood waters rise above the level of gully traps? We found no info. It made sense to us to stop all water use and block the gully traps – we hope that was right.

Council needs to communicate better with residents. In August 2023 I have missed a public meeting and a drop-in because I learned about them too late. Organisations like IRD use email, text etc well. Council needs to do this too.

Suggestion: Make better use of the newsletter that goes out with the rates demand. E.g. to advertise "have your say" initiatives and inform on issues like flooding.

"Overland flow path management"

A big YES to this. I see a big need for this in our neighbourhood.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Hello Healthy Waters,

Our family has flooding issues which we are observing as part of bigger issues across the neighbourhood. It seems to be difficult to get the word to Healthy Waters to "update our flood models and flood data for your area". Can we do that via email without our provisional negative report on the neighbourhood getting publicly displayed and upsetting some of our neighbours who may see it as threatening their property values? I have talked to Councillor Julie Fairey who thinks this is a good idea.

The problem with "Have Your Say, Storm Recovery and Resilience" is "Your feedback will be published in Auckland Council reports and online". I am writing a submission but I am now deleting identification of the area and writing only about what it can tell us about Auckland issues in general.

I am also working on "Flooding and landslide registration":

<https://property.flooded.co.nz/>

That one is very focussed on the one property with it being a challenge to bring in the neighbourhood context. It also has this info: "...may be added to the Property File for your property, and may be disclosed on a Land Information Memorandum (LIM)..". We have no problem with such disclosure. Discuss openly! However we are on a cross-lease and the property files are one and the same with our cross-lease neighbour who is uneasy about that and with some justification. Only a few metres away their situation, height, ground makeup is much better. Working on that but walking on eggshells.

The property is 13 Coleman Ave, Mt Roskill. The wider area of concern spans both sides of Coleman Ave between Radnor Rd and Mt Roskill Road. This is several hundred metres south of the Mt Roskill area that is getting a lot of your attention. Quick summary: little dramatic damage yet but getting close with lucky escapes, and persistent wet conditions. Ground is about 1 metre of pervious stony soil over impervious clay in a bowl formation hosting an underground lake which appears to have lost all exit soakage and I think many surrounding neighbourhood soakpits are feeding it. That underground lake showed itself in a big way Jan-Feb but also appeared in the 21 July "normal heavy" event. Our basement sump pump to kerb has become the de facto neighbourhood infrastructure as the only control on the lake apart from an overland flow path that only flows when the lake gets large. Our evidence for raising the alert includes the very high quantities of water pumped . Example 21 July 2023. Rainfall = 67mm. Volume = 330000 litre. Which indicates our little patch of suburbia is being hit by the runoff from a catchment area like 5000 sq m.

I am an educator in the fields of Maths, Science, Physics and Digital Technology so I have been applying some relevant skills to monitoring and measuring and getting better at it. Data! Graphs! Videos! Photos! Maps! and suggested remedial actions! - do I send them your way?

Auckland property remediation needs to include much taller gully traps. That is on our remediation list if we, or our plumber can figure out how to get or create such a thing. Stack 2 of them?