Storm Recovery and Resilience Consultation

WRITTEN FEEDBACK

Volume 2

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Storm Recovery and Resilience Consultation #26

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: Devonport-Takapuna

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

No heavily

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?**

Get on with it and not waiting.

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

More action by authorities and communication

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

PRepare better and ensure that regular maintenance is done to infrastructure which clearly has not been a prioty.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Shuffle the cards better, we pay enough rates already. Slow down densification which is overloading existing 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?

Maintenance.

Storm Recovery and Resilience Consultation #60

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Your feedback

Local Board: Devonport-Takapuna

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

There were drainage issues in the neighbourhood ie water flooded the basement of a man's house in the sloping street along from my house. Water also went into the local library (located in a flood plain area) caused employees to become unwell. The ground floor of the local community house was also flooded ie also located in the flood plain 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?**

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

I'm not sure - maybe a degree of resilience.

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

Years ago the then Mayor Sir Dove-Meyer Robinson had wanted to do something about Auckland's infrastructure but was not accepted (probably for financial reasons). Now, we are dealing with the problem.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 having to be careful to ensure that I can pay my rates. Do I need more increases. No.

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 #72

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Your feedback

Local Board: Devonport-Takapuna

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

Major roads around my suburb of Milford were flooded, including in Wairau Valley. I know people who lost their houses. I didn't attend work on a flooding day as I feared for my safety on the roads. It has personally made me feel quite anxious whenever it is raining heavily.

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?**

Discussing our shared feelings of anxiety.

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

Knowing that the city is prepared for any future extreme weather events

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

Having the drainage infrastructure to manage flooding. Mitigating climate change. Having flood action plans in place, such as where people can evacuate and having resources at community hubs.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Blue-Green networks sound like a good idea.

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

Climate Change Mitigation.

Storm Recovery and Resilience Consultation #76

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Your feedback

Local Board: Devonport-Takapuna

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

Business 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?**

Knowing that clean up not too bad and first time ever flooded. If floods again can live with it.

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?**

Realise flooding happens, plan for clean ups and how we use our 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?**

Learn from modern subdivisions that have performed well in recent events Hobsonville, Lunn Ave Quarry, Drury South 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?**

Be rational, realise that we don't control nature. Be willing to accept flooding and other natural processes will happen from time to time.

Storm Recovery and Resilience Consultation #115

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Your feedback

Local Board: Devonport-Takapuna

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

Not at all as our house is well positioned

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?

There is still a major problem in that all our drains in our streets are blocked. Council used to clear these at night and now do NOT hence exacerbates flooding big 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?

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

Clear drains

Storm Recovery and Resilience Consultation #137

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Your feedback

Local Board: Devonport-Takapuna

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

Neighbours flooded but we were okay, had enough drainage to divert streams of water that developed from up the hill. Want able to go to medical appointments and activities that were planned due to flooded roads and unsafe conditions.

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?**

Weren't too badly affected so not a lot had changed. Just making sure drains and gutters aren't blocked.

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

Instead of allowing badly damaged houses to be rebuilt, returning this area back to wetland/reserve

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

Better disaster planning: Know what to do in flooding, knowing which areas are affected and to avoid those. Having businesses with policies to address extreme weather events to help with anxiety of missing things. Making flood plains known - most people don't know what geomaps is. Creating diversions for water to prevent flooding on motorways

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 solutions. Blue-green networks is the best idea and also helps achieve better biodiversity and climate change mitigation. Though it may seem expensive to some, it will save money in future with reduced damage and repair 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?**

Storm Recovery and Resilience Consultation #138

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Your feedback

Local Board: Devonport-Takapuna

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

We were inundated with water causing a slip on our property and damage to retaining walls, decks and outbuildings. Our ground is still waterlogged as is many neighbours above us and even a full block above us. Our Street on the steep part of the road near the dead end of Bulwer street and an adjacent street by7 abbotsford terrace have cracks in the road. I see people still trying to remedy issues from damp ground in their homes when I walk in the neighbourhood.

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?**

Insurance and eqc. we have had no help from neighbours via water or earth flow from their properties.

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

We have not recovered yet. We are still waiting on claim completion even though we have been advised the damage is from the events. We are still in limbo and stressed.

#138

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

Ensuring stormwater drains are always cleared, however small they may seem. Ours clears through a road reserve which has not been maintained for a long time. We have sent multiple requests for stormwater and road reserve maintenance but the maintenence has not continued.

Monitoring of stormwater on private properties. We have been inundated with a drain to a private soak pit in a new build rental unit above us. It is directly above 'slip 2' as described in the eqc geotec report provided via our claim. We were surprised and bitterly disappointed this was allowed to inundate our property instead of the regular practice of stormwater discharge to the street. We were never notified if this additional drain above us in the consent process even though it has had a hugely detrimental effect on us. Our neighbours apparently chose this option as they did not want to look at an unsightly downpipe from their garage.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 essential services such as stormwater, sewage . These are the base essentials necessary for safety for all groundworks before beautifying areas. Also necessary to see what an area can take before expansion and possible damage due to expansion can occur.

On a personal note, our neighbour also installed an air strip of a driveway next to us which causes a huge amount of run off. Installatin of large amounts of concete in residential areas should be monitored in consenting to new builds to avoid ditress to neighbouring properties.

#138

Storm Recovery and Resilience Consultation #139

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Your feedback

Local Board: Devonport-Takapuna

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

Family had to move in because their house flooded. Our place also 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?**

Free sandbags from Sunnynook community

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

My home doesn't flood again

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

Watch out for natural events like volcanic eruption that put water into atmosphere

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #151

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Your feedback

Local Board: Devonport-Takapuna

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

I had to retrieve bins from the ocean, help neighbours sweep water out, try to find out where people could get help - no information for days

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?**

Every one worked together

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

A single line of information. Trained personel to advise and help

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

Have an emergency response team, have communications that 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?**

Yes clean the streets and the drains on a weekly basis, removing the debris that blocks drains

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

Move the stormwater controller and fire station from Wairau VALLEY so they can be useful in a flood.

Storm Recovery and Resilience Consultation #164

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Your feedback

Local Board: Devonport-Takapuna

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

We were fine but many around us were 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?**

There are major water works on our road.

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

When the properties are repaired and all storm water systems attended to

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

Keep our streams, drains and water ways 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?**

When sufficient facilities are made for all the infill buildings and flats being built

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 #176

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Your feedback

Local Board: Devonport-Takapuna

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

Not badly 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?**

patience

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?

Conflicted public messages were confusing. Some radio stations were saying to ignore forecasts because of an over-reaction to other 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?

It is better to have prevention of floods than cure, so I rate the Blue-green concept as being extremely important.

It should be extended to a micro-level such as mandating driveways to have a grass strip in the middle and/or having to use permeable pavers, as 2 examples. Why not extend this to streets where there are dedicated parking bays or lots?

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 #183

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Your feedback

Local Board: Devonport-Takapuna

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

Cars on our street were submerged and properties and houses 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?**

Neighbour's helping each other out

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

Better communication from council about what was happening before and after flood

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

Council inspecting and cleaning out pipes, streams, overland flow paths and 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?

The overland flow path going down our street (Sandiacre Way, Browns Bay) needs to be improved. The houses most badly flooded need to be bought out and turned into blue green space for overland flow

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

Many of our community facilities, eg community recreation centre, library etc are near flood prone land and need better protection from flooding

Storm Recovery and Resilience Consultation #205

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Your feedback

Local Board: Devonport-Takapuna

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

We were flooded out of our home and had to totally rebuild the inside which has taken 6 months. Lots of homes in the area 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?**

Sheer determination. We have received no help without continual hounding of authorities and it has been painful, exhausting and depressing how little help we have received. Sending e-mails to the mayor's office has resulted in help and responses. Sending e-mails to any other avenue has been pointless.

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

Help in prevention methods. Things being done without you having to complain and complain and complain.

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

Improvements, significant ones, to our drainage system. Regular maintenance and enough money to pay for people to carry out their jobs properly.

Properly investigate areas that flooded and see what can be done to make it better in the future and more resilient and if it can't, get rid of those houses. This can't keep happening to people. It is soul destroying.

Put more funding into 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?

They all sound very good. Especially maintenance and making space for water which will involve removing some homes. I think this is key. We just need to get on with things as it is slow progress.

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

Provide help for people quickly and without them having to resort to continual complaining and e-mailing different departments and getting nowhere.

When people have concerns, don't fob them off. Prior to the flooding I tried for months to get someone to come and properly look at the pooling at the front of our property and each time I was fobbed off.

#205

Storm Recovery and Resilience Consultation #232

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Your feedback

Local Board: Devonport-Takapuna

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

Our rental property was flooded, Yellow placard.

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?**

Friends and family, AC support was very limited, Some rates relief has helped but AC declined my claim for refund on tipping fees related to flooding.

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

knowing that the flood risk was managed more effectively.

Wairau Creek needs immediate attention . Widening culverts, upgrading bridges, clearing stormwater drains, addressing illegal flows into the stream and stopping further development.

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

Address the flood risks - be far more proactive. Address long term issues, maintenance and early warnings. AC's overall performance on all of these issues was clearly lacking and as a direct result we suffered unnecessary flood damage. This has resulted in erosion in the value of our property that was a direct result of AC poor performance,

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 them should be implemented as they are common senses and obvious ways to address flood risks,. Why did AC fail to do this earlier? It is utter neglect.

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

Compensate owners of flood affected properties for the erosion in the value of their properties as it was a direct result of AC's negligence.

Storm Recovery and Resilience Consultation #258

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Your feedback

Local Board: Devonport-Takapuna

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

Very little effect. Drainage in our new build terrace house (one of 17) worked really well. Our street drained away very quickly - about 20 minutes.

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 drainage was mostly ok in our very flat street.

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?**

The solutions proposed look positive to 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?**

Some good initiatives and yes they must be costly because of the scope of work involved.

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 #272

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Your feedback

Local Board: Devonport-Takapuna

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

Flooding of gardens only

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 really

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

Council making an effort to clean up fallen trees and branches on our street. They did nothing.

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

Create voluntary Disaster Response Teams at the community level (not unlike volunteer firefighters)

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 seem OK 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?

Floodwaters could be better recycled and purified for potable use

Storm Recovery and Resilience Consultation #279

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Your feedback

Local Board: Devonport-Takapuna

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

Flooded house, crack in 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

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

Council fixing the water pipes so it doesn't happen again

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

Better 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 #288

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Your feedback

Local Board: Devonport-Takapuna

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

Brother lost house in Milford - only just got insurance payment for repairs 5mth later !

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?**

Supporting my brother - finding housing - disappointed in council response on night that killed people . Blocked drains direct results in my brother house flooding . Now being able to enjoy our coats and oceans because of pollution, sewage run off - poor marine life

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

You are missing points here !

High density housing ! Concrete areas - no grass , council selling off parks subdivision, council community areas made of concrete! common areas all concrete - take the Takapuna new development all a concrete jungle on the edge of of Incredible beach and marine

environment- all going to wash pollution into our marine eco system - redesign, gardens , grass, area, rain gardens ! Forget the concrete.

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

Less subdivisions , less concrete, increase grass, rain gardens ! No run off !

Maintenance of drains ! (train volunteers, or temporary workers to be called on at short notice for checking high risk area drains) provide advice to residents in high risk areas to know where high risk to block drains are and get abled body Volunteers to check and 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?

1. Missing ocean pollution / beaches marine life from flooding events - don't ignore this .

2. No mention of actually increasing areas for rain filtration and absorption! Less concrete better road design (rain gardens systems), less divisions with reduced grass, gardens.

3. Water tanks for water collection - solutions for households .

4. Council keeps letting developers and own council just lay concrete!! Eg Takapuna designs of common public areas ! Right next to a beach that is already polluted!

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 ! Please read above - council stop putting down concrete , approving subdivision that reduce gras/ gardens , areas for absorbing water, council huge part of the problem in design - and in approval of developments ! Not more concrete reduced areas of absorption in already built up areas and communities !

#288

Storm Recovery and Resilience Consultation #291

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Your feedback

Local Board: Devonport-Takapuna

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

Our hose was flooded and our garden ruin by water flowing over 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?**

Nothing

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

Better capacity for the major storm water drains

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

See 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 hurry up and start working on the problems

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 #300

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: Devonport-Takapuna

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

mostly by the flooding of roads preventing journey's home during the event(s) and disrupted travel thereafter

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 wasn't any significant damage in my community and very limited to properties in the area

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

better infrastructure conditions - i.e. roads were already in a poor state, the floods made it 10x worse and they still are in places

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

upgrade the stormwater infrastructure and stop building 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?**

infrastructure should be the priority, the standards for the biggest city in the country is pretty poor. There could also be a higher focus on low cost/ high impact solutions like maintaining the existing waterways

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 #305

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: Devonport-Takapuna

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

Mobility reduced. Concern for neighbours, community and other Aucklanders

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?**

Routine. Knowing that there has been funding going to assist people who were severely affected

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

More green spaces to absorb water. Stormwater projects prioritised. Climate change initiatives prioritised.

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

Rely on forecasting. Build in better locations. Less sprawl. More vegetation to hold 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?

More rates is good. Auckland Council needs money to help Aucklanders.

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 happy to see such a good initiative

Storm Recovery and Resilience Consultation #310

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: Devonport-Takapuna

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

Flood streets

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 it - still waiting for insurance claim to be paid

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

Quicker insurance payments, upgrades to storm water drains

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

Earlier warning systems - sending everyone home in the middle of the worst part of the storm in April leading to hours on a bus and in traffic was really ridiculous

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #355

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Your feedback

Local Board: Devonport-Takapuna

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

Not seriously - we are on higher ground with sloping streets. There was some damage to properties at the ends of streets near takapuna Beach, and a few local 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?**

Our normal volunteer work

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

Vastly improved maintenance actions in road and cesspit cleaning, rapid response plans for potential landslips

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

Much better property owner information and maintenance of secondary flowpaths, maintenance and upgrading of stormwater drains. Your plans have a huge amount of work that falls within the Council's responsibility. Get on with the critical works 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?

The unwillingness of previous councils to face up to the costs of building and maintaining infrastructure and raise rates is coming home to roost. We must get on with Making Space for Water without waiting for Three Waters entities (should be Two waters - stormwater is a local council land use issue and does not belong with water and wastewater networks) to come into being and wind themselves up. Yes we are going to have to pay for it - no-one else will.

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 Space for Water covers the issues well. All that is needed is the will and the skills to get it done PDQ.

As a former Maintenance and Operations Engineer for Watercare wastewater network I have seen a significant fall-off in maintenance activities by Auckland council and its contractors.

#355

Storm Recovery and Resilience Consultation #359

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Your feedback

Local Board: Devonport-Takapuna

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

Personally we had a couple of leaks and our gutters overflowed.

Our local golf course (which was originally tidal wetland) was 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?**

We were relatively unscathed.

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

We have recovered, however we are now replacing our guttering to it can take larger volumes of water. We have finished repairing our roof and applying a coating over the roof to seal it for another 10 years.

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

Keep all drains and stormwater systems cleaned and 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?

Will the initiatives take into consideration rising sea levels?

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 about how we can better manage our wastewater when the stormwater drains are under stress - eg. waster water overflowng into stormwater. Flush our toilets less when we have heavy downpours? Residents to keep streets clean of rubbish so the rain doesnt wash the street litter into stormwater that then goes into the sea. Permable footpaths.

Storm Recovery and Resilience Consultation #401

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: Devonport-Takapuna

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

Our house was made unliveable. By chance, we weren't in the house at the time, but we had friends staying at our place, who then had to find alternative accomodation. The rebuild process was / is very long, stressful and expensive.

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 insurance paid out a large lump sum which should be enough to cover all of our costs.

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

Once our house has been rebuilt (still several months away) and all of our home contents replaced, we will feel like we have recovered. If this is all done by Christmas, then that would be great. So probabaly about 12 months all up!

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

The Wairau Creek (Milford, North Shore) which passes near our house DEFINITELY needs to be enlarged. It needs to be deeper and it should also be wider. In previous storms we have seen it very full (with the rapid water nearly hitting the bridge on Alma Rd) and nearly overflowing on to the road. It isn't too surprising that it overflowed this time. It is clear to me that it is inadequate for the amount of flood water that often comes down here towards the sea.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 point (6) is the only one that is relevant for us - "culvert and bridge upgrade". To me it is obvious that the culvert: Wairau Creek (Milford, North Shore) needs to be upgraded. The sooner this is done, 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 #403

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Your feedback

Local Board: Devonport-Takapuna

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

Work cancelled, utter stress at stopping lounge from flooding, not sleeping

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 a lot

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

Better water ways/ drainage. Something to assist with the stress now everytime it rains

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

Better alert systems - in advance

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

Plans to look after community after

Storm Recovery and Resilience Consultation #405

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Your feedback

Local Board: Devonport-Takapuna

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

As we have minimum infill housing we were not badly affected.

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?**

I think the council need to consider how to do infill housing with sufficient drainage.

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

Putting in sufficient drainage and not overbuilding with concrete causing run off.

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

Infill housing needs to be considered when agreeing to building plans. Putting concrete and not have sufficient run off and draining is causing most of the 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?**

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 it is about making sure you dont have too many people and buildings in a small space without putting in sufficient waterway removal - builders should be taxed when increasing the density of the housing and plans should be considered for the run off effect.

Storm Recovery and Resilience Consultation #459

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Your feedback

Local Board: Devonport-Takapuna

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

Minimal 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?**

Hoping for an improvement to the weather!

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

By being mindful of where we build houses and infrastructure and make sure we are prepared for whatever is thrown at us.

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

Thinking about where we undertake development by always taking into account the possibility of severe weather events. Future proofing.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #492

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Your feedback

Local Board: Devonport-Takapuna

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

We had to evacuate our 30 year old house due to flooding entering the building and a land slide on the section.

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?**

Nothing

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

The pay outs we are owed from EQC and insurance. Ability to contact anyone at the council. Funding to pay mortgage and rent concurrently. Not being charged water and land rates on an uninhabitable property

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

Appropriate infrastructure. Transparent processes with sufficient staff to deal with it in a timely manner. Enough money to fix your own problems before insisting neighbouring individuals have to secure your land.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #497

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Your feedback

Local Board: Devonport-Takapuna

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

Flood homes and erosion, loss of some homes into the sea from embankment/cliff failures

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 - my impacts were minor in comparison, I still continued to clear the stormwater drain outside my home, my neighbours largely ignored neighbours that were impacted

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

Education that this is the new normal and how to prevent repeated events by not re-instating what was previously there. Understanding that years of driving down rates knowing we were in a climate crisis means blaming the councils is not entirely fair. Less finger pointing more working together. Encouraging Cross lease and Unit title properties to work together to find solutions for all owners on the title.

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

Retreating from areas that are reclaimed, allowing water to pool and dissipate. Removing impervious surface even on some roads - pervious pavements are needed. Keeping large trees and allowing tree to grow as they remove water and stop erosion. The removal of trees since the tree protection was lifted is significant, not only impacting flooding, lack of trees will exacerbate the extreme heat we will facing - as already occurring in parts of Europe. Educate people on the value of 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?

I haven't read them but if they are similar to the Dutch approach and allow for managed retreat, more planting, stop building in flood prone areas, reduce impervious surfaces. Its needs to be a multifaceted solutions that address inequality.

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

Planting and allowing trees to grow larger in the suburbs - there is no space or them at the moment.

#497

Storm Recovery and Resilience Consultation #502

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Your feedback

Local Board: Devonport-Takapuna

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

Yes wires on pole torn down by branches. Despite repeated efforts to try and get vector to approve trimming over months they refused to respond. The wires still run through branches to the pole. The result for us was a 370 volt power surge when power was restored. We were then 2 weeks without power. We are still waiting on insurance to payout on fried appliances

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?**

Sporadic efforts by insurance company State

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

Final replacement of damaged house contents appliances

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

Have Vector allow residents to get in tree trimming

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 have to make certain waterways are required to keep them clean. Simply giving advice will be ignored by landowners

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 #509

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Your feedback

Local Board: Devonport-Takapuna

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

Streets downhill from us all flooded causing huge 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?**

Peoples resilience

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

To see all the roads, banks and drainage repaired

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

Upgrade infrastructure stop greedy infill housing in such high density

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 increasing the rates and put this back on the property developers who seem to make huge profits and only do the bare minimum

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 #520

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Your feedback

Local Board: Devonport-Takapuna

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

There was a huge amount of surface water flowing to the lower areas in the community, there were some instances where water flowed out of manholes and overflowed streets, however by in large the area I was in (higher elevation) fared quite well and there was minimal damage (as far as I could tell) to people's homes and properties in the immediate vicinity . Following the event however the ground was very damp, which led to our house being very damp and mould becoming a bigger issue as the cavity under the house was unable to dry properly.

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 offering their help, dehumidifiers, and water pumps to those who needed them.

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

People who were displaced finding places to live in the neighbourhood again, and those who had damage to their homes having repairs completed.

#520

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

Greater investment in weather prediction technology. I found an overseas website I was viewing for weather was more accurate (they predicted the timing and the intensity much better). This gave me greater insight and opportunity to prepare.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #526

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Your feedback

Local Board: Devonport-Takapuna

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

Personally I as not affected, but my local community was ... Wairau Road, Alma Road, Waterloo Road, Nile Road, Woodridge Lane, Milford.

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 of people in my community who are still experiencing stress and uncertainty because of the storms.

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

More immediate action by Government Agencies and Insurance Companies.

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

Surely by now the Authorities have plans for a speedier response 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 #556

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Your feedback

Local Board: Devonport-Takapuna

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

SW Ponding only.

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 response from Council. Auckland Transport are now building speed bumps across overland flow paths - crazy stuff!

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

Geeting all the CCO's to work together rather than causing more issues.

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

We will need to reassess how and where we develop. Areas like Devonport where homes are predominantly built on piles experienced few issues with OLF. If the rainfall intensity has changed then we will need to reassess how we size and develop 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?

The demand for cash from ratepayers is unlimited but the ability of ratepayers to pay is! While I feel sorry for some there are many instances where the flooding potential was known and ignored by the prospective purchasers.

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 consideration of coastal inundation in conjunction with SW flooding.

Storm Recovery and Resilience Consultation #689

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Your feedback

Local Board: Devonport-Takapuna

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

We were not affected, being on high ground. Neighboring roads, however, were turned into raging torrents.

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 working for the community.

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

We will never recover until council and central government recognise what caused the problem, namely poor maintenance of the drainage system and the recent housing intensification.

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

Stop housing intensification until an extensive upgrade of our stormwater infrastructure can be made. Note that the hosing intensification was foisted on us by a starry-eyed central government who did not think through their ideas.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 qualified to comment. I would only be happy with a full engineering assessment by qualified engineers.

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'm not qua;ified to comment.

Storm Recovery and Resilience Consultation #694

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Your feedback

Local Board: Devonport-Takapuna

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

Not adversely 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?**

The knowledge that the complex was not adversely affected and the spirit of the occupants

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

The knowledge that those charged with planning, plan properly in future, no more on overland flow paths, better drainage,, combined with an active and determined action plan to clean up creeks, flow paths and any drainage area promptly and properly, even if you have to cooperate unemployed to effect the clean up.

No if buts or maybe's just get on and do your Jobs.

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

Planning and action less talk more 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?**

By allowing building where it has been council has caused the ratepayers angst and cost, it is now time for positive leadership, good planning and use of resources, get on with it, more action, less yapping.

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

Planning, you have had your lesson, it is clear what you need to do, if you do not heed the lesson we will suffer, and you are clearly on notice to get it sorted.

Storm Recovery and Resilience Consultation #707

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Your feedback

Local Board: Devonport-Takapuna

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

No real impact in my 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?**

no impact

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?

Keeping up good road design with deep gutters and regular clearing of leaves falling from street trees.

Reminders to home owners to do maintenance too before expected bad weather such as cleaning gutters and checking any nearby streams.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?

Consider water flow when as part for subdivision road design and infill housing. Near up roads heading down to Takapuna beach acted like overflow water paths. Maybe that its the intention? Also infill housing has reduced amount of grasses areas that used to soak up some of the rain.

Storm Recovery and Resilience Consultation #721

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Your feedback

Local Board: Devonport-Takapuna

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

Personally, not too much relatively although some disruption to shops that were closed.

Neighbours were affected and the local community (at the bottom of the catchment, Sunnynook) was significantly 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?**

Knowledge and awareness of the impact if a rain event such as the January event happens. e.g. do not travel, the importance of clear overland flow paths.

Better communication.

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

That the Council and neighbours are willing to take active action to address predictable issues from high rainfall events (peace of mind).

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

Better more resilient and cost effective solutions - e.g. better planning, infrastructure improvements including reservoirs designed to flood (e.g. big sumps which in many cases could be "green" like parks that are already part of the current system, pumps that cannot stop operating as they are in the flood zone).

Early warning and decisive instructions (people were still travelling to the Elton John concert when there was flooding). The risk appetite is for the politicians to decide, and we need to be more permissive if they get it wrong sometimes.

Adequate maintenance of the stormwater network - including vegetation removal along streams that reduce water flow.

Enforcement of bylaws (e.g. overland flow paths) and other rules. The council is not a "friend" but needs to actively enforce its laws.

Develop resilient facilities or infrastructure that are able to cope with flooding. This doesn't necessarily mean building back stronger or higher (and more expensive) but test solutions that are able to return to normal function quickly and easily at minimal cost. e.g. other countries have floating or elevated structures (such as public toilet blocks or houses) and need a quick hose down after a flood; or structures such as bridges that are designed to fail (as it may be cheaper to rebuild than a higher spec. structure), or are retractable 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?

Enforcement of bylaws (e.g. overland flow paths) seems understated. Without enforcement by a neutral public body, this may create tension between neighbours, those less able to negotiate or take action may not be able to assert and maintain their rights, and there is generally a reluctance of people to take active if they do not have the threat of enforcement, or other recourse in the back of their minds. Communication with affected parties needs to be proactive, with letters and communications.

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

Investment in heavy engineering solutions does not feature much - pump stations, additional stormwater capacity (similar to the central interceptor). While these come at a cost, they are part of the solution.

Funding solutions from land owners and developers hasn't really been addressed.

Intensification can be beneficial if there are more dwellings under a certain roof area, however infill can result in more impervious areas (concreted driveways) that simply need bigger stormwater pipes.

Appropriate stormwater standards for planning and regulation to set what the developer and engineering industry must meet.

Storm Recovery and Resilience Consultation #730

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: Devonport-Takapuna

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

I have an overland flow path within my property. The water did not enter the house, because 3-6 months before the 27 January 2023 storm I had reshaped the ground in my yard to handle overland flows. My neighbours had done extensive concreting of their property, with ZERO associated stormwater drainage.

However in the Wairau Valley catchment (North Shore) near where I live, the flooding impacts were disastrous.

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 NZ Army coming in on several occasions (Nile Rd area) to remove loads of flood damaged household material.

Insurance helped some people in the community.

We made our house available to some flood affected people.

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

The responses would vary greatly from the many differently affected people.

Some areas will never feel 'recovered' Because Council approved more intensifications, but those development DO NOT mitigate the effects of the development.

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

1. Council can better advise people about overland flow paths. And individual property owners can take steps for improvement.

However to improve, all people in their communities must play their part, take action.

Many, most issues cannot be left to a Council organisation "to fix".

2. Less motor vehicle dependency, fewer vehicles. This is is something to address, because it is the root of Aucklands problem. (i.e. significant impervious surface everywhere, hardening of ground within towns and cities, urban sprawl wrecking the countryside, increasing emissions thru' traffic congestion, polluted SW runoff from roads and pavements are some of the issues)

3. Developments - Our society must break away from the current wasteful mindsets, with massive and virtually unmitigated stormwater and sewage discharges, reinvent residential living, reset with better, more sustainable ideas. Example could be like historic villages in Europe.

4. Also, development applications provide erroneous Assessment of Environmental Effects (AEE's) to Council, which are accepted by Council, seldom challenged. I am talking about the water related issues i.e. increased stormwater runoff, sewage impacts. Inadequate infrastructure - or overloaded infrasructure - does not get mentioned, NOR investigated...!

Auckland would be safer with more multi storey buildings/and being a compact city. Rather than the urban sprawl type city, as favoured by NZ Town Planners.

Unfortunately Council Chief Executive / Senior Managers appear to be somewhat divorced from development issues. When thing go awry, no one in Council intervenes to put things right.

5. Council can guide people to be more environmental in their behaviours, however very few will actually practice environmentalism.

6. NZ has lawless communities, gangsters, radicals etc Would they listen to what Council has to say..?

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1. Request people with rainwater tanks to partly empty the tanks well before the storm hits. The partially empty tanks provide a buffer to the storm impacts.

2. Water Use Restrictions - Advise people to do everything they can to cut back on water consumption during the significant storm event. This is essential because sewage systems are always seriously overwhelmed during storms. People do not realise that sewage

networks do overflow into, and mix with the stormwater flows. It's a massive mess, but never reported however. I was a Drainage Investigator, therefore I know.

3. Council need to promote environmental behaviours to Auckland communities.

4. New Developments - Council must demand higher storm mitigation measures than in the past. e.g. Houses build on piles rather than concrete slab on ground. Larger stormwater features. Overland flow paths properly formed.

5. Rainwater Harvesting - this must become a normal practice in a high rainfall city to combat droughts, and treat the local rainwater as a resource, and to combat global warming etc. However people need guidance from Councils.

Rather than the current (dysfunctional) approach of treating rainwater as waste, causing flooding, transferring increased water runoff to the oceans, worsening lower catchment areas, likely contributing to sea level rise with more freshwater transfer to oceans. Note as comparison - in oil rich countries, the populations still use their oil resource for benefit, rather than waste it.

Private Drainage systems - Inadequate or no Maintenance.

Within the city there will be 100,000's of PRIVATE systems such as stormwater Detention tanks, rainwater reuse tanks, stormwater ponds, field drains, pipes, and other features, including obsolete or broken private systems. These PRIVATE devices / systems have been installed over the past 50 years or so as a requirement of building or resource consent, to mitigate the effects of storm events within the catchment. However many - or most - of these systems are not maintained and therefore don't work, or the SW devices have been removed. In many cases the property owner don't know they exist. Most recent immigrants to NZ don't understand either, nor maintain the SW devices. Therefore when it rains there is plenty of chaos everywhere in the city.

The Council records of these private SW mitigation systems is disparate (in my opinion). It would take considerable effort by Council Officers to investigate further, to ensure the SW devices are operating as they should be. This would involve Council Officers being proactive, checking and advising homeowners accordingly.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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. To be answered later in a continued submission - when I get time.

Stream Rehabilitation - This tends to be overstated as an option.

With urbanisation, stormwater runoff will be increased exponentially above the natural streams ability to assimilate the vastly increased runoff. Therefore, in situations of intense urbanisation, the streams will generally be destroyed - they are blown out by the highly increased amounts of runoff. Stream rehabilitation is particularly challenging, requires much human physical work and high maintenance in the field for decades, not office workers. Maintenance tends to get overlooked or underfunded.

Pollution of streams - Spills from building construction (cement washings etc), industry, car washing products will easily destroy stream ecosystems. There are many careless people in Auckland communities. And accidents happen.

Community led Flood Resilience - People mananging their own risks on their properties.

Yes, but what about Council approving developments upstream of flood prone areas (such in West Auckland, Kumeu etc) where the vastly increased SW runoff from the development will exacerbate the flooding situation in other parts of the catchment..? Those affected people are in a helpless situation when Council Planners approve subdivisions and intensifications - which, in the opinion of Council Planners will be 'less than minor'. This is nonsense but it keeps repeating.

Impervious Surfaces Tax - this was mentioned in previous years by Councils. Probably worth a recheck.

Areas of Auckland with social problems, bad behaviour, regular polluting, dysfunctional communities, gangs etc. How can Akld Council manage such areas when the residents are anarchists..? Note that lawlessness in increasing in Auckland. Does this require special attention by Council..?

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1. City People expect and want impervious surfaces (and plenty of them it seems), hence the sponge city concept ain't going to fly. The Sponge City idea would require massive land areas to function.

2. However Council should guide people to look after the earth's surface by - for example - practice gardening. But not gardening within overland flowpaths.

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. To be answered later. Will follow up when I get the time..

Leafblowers - In many areas of the city leaf blowers are commonly used in such a way that all sorts of leaf litter is blown and pushed into stormwater collection pits. The litter debris forms a barrier. It forms a hard surface on drainage pit entry points, blocking the stormwater entry to drainage systems. Council should develop and enforce a Bylaw to prevent leaf blower contractors messing up the SW networks by transferring debris into SW networks.

Sponge City concept - Often mentioned as a revolutionary idea. In practice it is too fanciful.

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1. See above - mandatory maintenance of PRIVATE DRAINAGE SYSTEMS.

Not consent and forget, the current Council mindset (??)

2. Council can put a stop to the urban sprawl which wrecks the rural environment, resulting in increased storm runoff, pollution exponentially, and worsening flooding to downstream properties. Unfortunately Council does not appear to be proactive. Probably because it's too big and unwieldy. Also, Chief Executives and Managers are unable to see the bigger picture.

Storm Recovery and Resilience Consultation #745

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Your feedback

Local Board: Devonport-Takapuna

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?**

Strategies and definite and well advertised plans with physical changes already in place and visible.

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

Retail areas and affected homes to be certified upon inspection that changes made should lessen or prevent flooding 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?

Make it well known which are the open areas set aside for soaking up surplus 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?

Storm Recovery and Resilience Consultation #767

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Your feedback

Local Board: Devonport-Takapuna

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

a number of local properties were flood damaged.

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?**

Insurance

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

Knowing what the council are planning to do 'locally' re stormwater flood management and reporting on progress and when completed.

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

The current plan being is a good start.

Maintain existing infrastructure. Identify quick and easy additional stromwater management tactics. Implement.

E.g. In singapore they have open monsoon drains that work well in the extraordinary 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 will not vote for anyone or anything that means extra rates until the current rate spend is better allocated, managed and reported on.

e.g. I am strongly in favour of public transport and biking but allocating funding to cycleways where there is no need, nor evidence of safety issues (Bayswater Ave).

Spending money on new road junctions to take out free turns.

Upgrading playgrounds that are perfectly adequate in the first 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?

Have you looked at what other countries do, particularly those that deal with monsoon rains like singapore?

#767

Storm Recovery and Resilience Consultation #789

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Your feedback

Local Board: Devonport-Takapuna

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

Our house in Milford was flooded, with approx 300mm of water right through the ground floor of the house. My daughter, who lived in the house with her 2 young children, had to move outdoor several months while repairs were completed, severely disrupting her family life and proving very stressful for the children. Almost all her neighbours houses were also flooded and there is no doubt that the risk of future flooding hangs over the whole neighbourhood.

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?**

Corporation amongst the neighbours, the help of family and friends and a hope, maybe over optimistic, that the January flood was a truely exceptional event and is very unlikely to repeated in the foreseeable future.

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

The knowledge that council is taking specific steps to prevent a repeat the flooding, and an understanding of the specifics of what those measure will be and the timing of the proposed work.

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

Better planning, more realistic zoning of land, planning for future resilience by preventing any development might worsen future flooding. Better prioritisation of expenditure. It is much more important that council spends money on detailed understanding of the flood risks and then undertaking works to reduce the risks identified than for example that it develops new waterfront parks in downtown 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?

In general terms I think the 9 points are sensible but of course the devil is in the detail, which is not there yet. My suspicion is that the budgets far too low to truely achieve the aims. One specific comment would be item 6 "Culverts and Bridges" should be "Culverts, Bridges and Formed Waterways" as in the case of Wairau Creek there will definitely be engineering works required to the existing formed waterway to increase its 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?

As I noted in item 6 works to existing formed channels must be included. The principal should be that once water is in a formed waterway it should be kept in a formed waterway until it discharges to the ocean. Whether it be raised stop banks, increased channel sizing or channel clearing work the approach should be that once waters controlled it must continue to be controlled. Flooding due to water overtopping existing formed channels and then flooding large areas downstream, as happened in Milford, is unacceptable. There are areas of Wairau Creek where formed channels significantly reduces in size in areas downstream of larger channels, a recipe for a disaster which has now occurred. Addressing this type of quite localised problem would not be prohibitively expensive, yet could prevent the flooding of a large number homes.

#789

Storm Recovery and Resilience Consultation #808

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Your feedback

Local Board: Devonport-Takapuna

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

Severely impacted by flooding, disruption to the community, loss of life and damage to personal property. This resulted in post-flooding intense rain trauma and anxious children. It felt like the first climate change event we are living through and that this will be "the new normal' for our children and grandchildren to deal with.

It has impacted on the public health nurses delivery of the school based immunisation programme as the flood waters rose in the school hall while classes were evacuated to the hall and parents were arriving to collect their children.

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?**

Staying connected.

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

Seeing strong action from Government and Auckland Council to address climate change by actions to reduce emissions. Prevention is better than cure.

By making safe active transport more of an option. In an emergency being able to bike to family and friends is preferable when cars are flooded out.

A free community event at Sunnynook Community Centre and Park in the Spring. The events are often in other areas but we are part of Devonport - Takapuna Board.

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

Advice on what to do clearly communicated and the public being aware that these events will be more common in the future.

Having emergency getaway bags prepared and what to do with property and items at home.

Knowing where our local evacuation place is - in Sunnynook both the community centre and primary school are very close to the flood plains.

More bike lanes.

Better notifications at Sunnynook Park when it is about to be flooded. There is a risk young children, elderly or disabled could get caught in rapidly rising flood waters and there is no signage about 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?

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 notifications at Sunnynook Park when it is about to be flooded. There is a risk young children, elderly or disabled could get caught in rapidly rising flood waters and there is no signage about this.

Inclusion of matauranga Māori, Te Tiriti o Waitangi and local knowledge from iwi.

Making sure local schools have adequate flood protection so that children can return to school, their friends and other trusted adults.

#808

Storm Recovery and Resilience Consultation #813

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Your feedback

Local Board: Devonport-Takapuna

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

Our street and garage 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 reaching out to ask if we were okay during future rain events

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

resources available to me to protect my property

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

Better urban planning with areas designed to flood, better maintained 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?

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 #827

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: Devonport-Takapuna

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

Some minor water entry to my 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?**

Flood damage was easy to clean up

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

Tree debris was removed from Takapuna Beach

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

Reduce use of fossil fuels

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 blue/green spaces approach to best allow space for 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?

Storm Recovery and Resilience Consultation #853

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Your feedback

Local Board: Devonport-Takapuna

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

Most of the houses in Stratford Avenue in Milford were badly affected by floodwaters from the Wairau Stream - a number of houses are still vacant waiting for refurbishing to be completed. See my attached report submitted after the floods in January 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?**

Community spirit and support in the Street. We held a street party to help people get to know each other and to discuss the issues that they had gone through; and have started a Street "Whats App" Group.

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

Communication from, and actual discussion with the Council about its plans and timetable for improvements to Wairau Creek and other stormwater improvements to alleviate the flood potential of the area. We have only heard rumours about why the creek suddenly overflowed its banks with water rapidly rising through properties from Alma Road and up

Stratford Avenue. Currently two consents and works in our narrow, short cul-de-sac, to turn 4 house sites into 18 new household units is hardly reassuring with the large loss of permeable area and significant vegetation. Those neighbours that have returned to their houses after extensive restoration work show extreme anxiety every time it rains now.

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

With upgraded infrastructure and and approriate zoning of areas having regard to flood plains and flow paths that are already well defined on the Council Planning maps. However in the case of Wairau Creek catchment, there needs to be a close examination of the effects of the varying widths and depths of the creek channel, its surfacing, the effect of the tight bends in the creek at the end of Stratford Avenue, and the impact of other obstacles such as overgrowing trees along the banks and the ever-increasing expanse of mangroves towards Omana Road.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 principle they are fine and need to have a large budget. However without the details of the works proposed, it is difficult to comment. In regard to the Wairau Creek Catchment, there appears to be major issues, and past reports done to highlight the problems specific to this area in1976 by the University of Auckland, and again by the North Shore City Council in 2004 seem to have been ignored. See details in my attachment.

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 feel along with other local residents, that two-way communication has been lacking and it is essential in moving forward. It is suggested that "catchment liaison groups" could be established to provide the mechanism for this to occur. I know that the council has serious problems in many different areas of the City, each area with different problems and effects of storm damage, so local communiy liason groups could be useful for the Council and provide a means of channeling pertinent information to property owners, businesses and residents and receiving information or local knowledge back. In our case, this could be a mixture of business owners and residents in one group for the whole catchment, or several smaller groups along the Wairau Creek catchment. If the latter is preferred it would still be useful for information to be shared across the whole catchment.

Submission of Flooding of Stratford Avenue and other streets in the vicinity of Wairau Creek

Submitter-[redacted]-Resident 1B Stratford Avenue, Milford

On the few days before 27th January, we had long bouts of rain, enough to saturate the ground before the deluge on anniversary weekend. On that day, at 7.00pm there did not appear to be anything to worry about except for flooding in our back yard from runoff through properties fronting Shakespeare Road. By about 8.00 pm Stratford Avenue was under water that was advancing perceptibly fast up from the Wairau Creek – now 150 metres up the street and through the rear of properties in the flow path. The drains were not coping in Shakespeare Road and torrents were also flowing down into Stratford Avenue and through sections along Shakespeare Road into the rear of our properties.

The street was by then, a shambles in the semi-darkness- residents were wading up the street, waist deep in water, holding clothes and towels above their head; cars parked in driveways had lights flashing as they were gradually encroached by the flood; one was floating with just its roof showing; a neighbour was frantically trying to help start someone's vehicle in the middle of the street, above the flood level, with battery leads.

What was the impact of this on our street? Water had receded completely on the road by the morning and we felt some guilt, that compared to most of our neighbours, although our rear yard had been 600mm under water, the actual house had escaped being flooded by about 400mm. Three months later there are still about 8 homes unable to be occupied and one or two have vowed not to return. Most of the affected houses have yet to resolve their claims with their insurance companies, and minimum work has been carried out apart from carpets being lifted and gib board being removed. Some residents do not have contents insurance. An elderly couple had to be carried from their house through flood waters – the woman has sadly since passed away.

The Council organised stickers on affected houses but failed to visit all of those affected. The waste collection from affected household items did occur quickly but there was confusion as to whether or not they could enter private property to pick up piles. Information has not been forthcoming from Council at any stage since.

The question is why did the flood waters rise so quickly, and for that matter recede quickly as well after the rain. I recall that high tide was around 3.00am so the situation would have been more serious if it had been high tide. There have been rumours about structures falling into the creek that may have caused temporary blockages causing sudden surges in the water flow. But the main issue stems from several factors, the main one being the extent of development being permitted with little regard given to the limitation of the catchment in terms of its hydrology. However, no one has explained to the residents, WHY!

Back in 1976 a paper published in the *Journal of Hydrology* by P. Williams from the University of Auckland Geography Department, identified the consequence of urbanisation and the changing situation in relation to flooding of the Wairau Creek catchment. The following is taken from his abstract.

- The catchment is mainly developed on relatively impermeable siltstones and fine sandstones.
- In 1959 almost three-quarters of the catchment was covered in bush, scrub and grassland, but by 1975 almost three-quarters of the basin was in urban uses.
- Hydrological records that commenced in 1962 indicate that up to the present the number of small floods, "contained within the channel have increased five times and that the number of larger floods has also increased, especially since the channel was lined with concrete. Floods now strike more swiftly, rise higher and run off more rapidly than before urbanization"
- Sedimentation has also increased. Silt discharge from the Wairau basin contributes to sedimentation of the estuary at Milford and incurs considerable costs for de-silting the marina.
- Environmental costs arising from flooding and siltation are estimated, and it is concluded that the costs are not being borne by those that produce them, but are being transferred to the community.

In 2004, a further study was instigated by the North Shore City Council into the different possible future climate scenarios including different modelling approaches on stormwater infrastructure design. The Wairau Catchment was chosen due to the availability of almost 20 years continuous rainfall and flow data for its central drainage channel. It was noted that, “the implications of infrastructure upgrade in this area are potentially significantly expensive due to the high flows, encroaching development, and highly engineered infrastructure”. It noted that the catchment is approximately 1300 hectares, with around 1280 houses affected by the 100-year flood hazard area. The overall imperviousness of the catchment was estimated at 47%.

Probably from these reports, the operative unitary plan reflects the flood plains in the catchment fairly accurately. In spite of this, and these reports, further intensification is already underway in Stratford Avenue. Consents have been given to two developments without public notification (I was told by planners

that they were following instructions by Central Government). These involve the replacement of four single dwellings with 18, mainly 3-storey, units. The consent issued prior to the flooding, for a 12-unit development currently underway, required the developers to provide stormwater mitigation, "due to the downstream public pipes lacking capacity". This admission required provision of detention tanks and a new piped drainage under the road to connect with the existing system further down the Stratford Avenue. This of course still flows into the Wairau Creek. Under the proposed Change 78, if approved, the Unitary Plan will allow up to 3 x 3 storey house units per site without any planning consent or regard to the capacity or sensitivity of an area. The loss of permeable land and existing trees must only accentuate the problem despite warnings given back in 1976 in the report quoted above.

Maintenance of drains is also an issue. Post the event in January there have been further flood warnings, so residents have taken it on ourselves to clear the grating of drains blocked by debris in Shakespeare Road and Stratford Avenue-particularly noticeable during Cyclone Gabrielle. A council machine was used to clean the kerb in Stratford Avenue once after the anniversary weekend flood but it did not appear to be that effective, and loose metal and debris from the channel was cleared by residents afterwards.

What is required:

- A thorough investigation identifying the consequences of a further blanket urbanisation or intensification of the Wairau Catchment.
- The investigation to include the impact of works that have been undertaken over the years such as piping and concreting part of the creek's channel, and provision and control of the detention ponds that have been provided.
- Investigation of possible improvements to the capacity of Wairau Creek and the possible need for the acquisition of properties.
- Placing an immediate halt on further consents for new development or redevelopment on all properties within the Wairau catchment until the above measures have been taken.
- An investigation into the stormwater infrastructure and impact of inadequate or blocked drains along Shakespeare Road.
- Improved channels of communication from Council in emergencies to residents and information on the issues affecting them.

As an example of how residents feel, below is from one of those residents badly hit by the floods who only this week after 3 months, is able to proceed with restoration work of his house:

"As ratepayers and residents of the Wairau catchment, we expect Council to immediately put in place a halt to consenting any development or redevelopment work on all properties within the Wairau Catchment until measures have been put in place by Council to ensure that the risk of peak flooding in the catchment is reduced. Should Council not immediately take measures to prevent any worsening of potential flooding by continuing to allow redevelopment in the catchment, the Council must surely take upon itself responsibility for all costs and losses incurred by residents of the catchment in any future flooding events. Considering the massive costs that councils and ratepayers incurred through the saga of leaky buildings, the Council and its ratepayers must now be concerned about the risk taken when Council knowingly approves building works that lead to future failures and liabilities."



Stratford Avenue, Milford -January 2023

Storm Recovery and Resilience Consultation #855

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: Devonport-Takapuna

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

Overflow from Anzac Street, Taharoto Road and Killarney Street bypassed blocked drains and Impacted Shoalhaven Apartments, 130 Anzac Street. Bank slips and vegetation blocked free flow of water, a lift well filled with flood water and an apartment . The car park was bypassed and water flowed through into Fred Thomas Drive causing flooding and vehicle 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?**

Isolating flood affected areas and blocking slip affected car parking.

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

All addressed now, awaiting removal of yellow sticker by Council from window of entranceway.

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

Regular clearance blocked drains Anzac Street and Killarney Road west.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 initiatives seem adequate for the time being for our patch.

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

Progress reporting (% completion) targeted responses.

Storm Recovery and Resilience Consultation #863

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Your feedback

Local Board: Devonport-Takapuna

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

Home our son lives in was flooded to 400-600mm height throughout. Our family living at the house and pet cat has had to live with us for 6-7 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?**

Family

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

Acknowledgement of Council planning and infrastructure issues which led to the problem of too much stormwater in too small an area, with blockages - and how these are to be fixed so it doesn't happen again

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

Ensure drainage is improved and no new resource consents allowed for infill housing and park drainage and parking areas unless downstream effects are mitigated to avoid more flooding 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?

STREAM REHABILIATION: Certainly the stream running through 12 Kapiti Place needs slope stabilisation, bank battering and stream channel modification to improve the flow dynamics and decrease erosion.

CULVERT & BRIDGE UPGRADE: Once again the culvert through 12 Kapiti Place needs serious upgrading to improve the capacity and resilience of this key part of the infrastructure in the Sunnynook/ Wairau area. The capacity needs to be upgraded, the inlets into and out of the open channel behind 12 Kapiti Place need to be expanded.

BLUE-GREEN NETWORK: the open ponds in Wairau Rd (adjacent to Denny's) needs ot be regularly cleared of rubbish to allow water to flow freely into when when necessary.

OVERLAND FLOWPATH MANAGEMENT: At 12 Kapiti Place the council needs to do a large scale project to improve this as the catchment for it has been significantly increased due to Council resource consents and park management feeding into it. Onsite solution are done as much as possible by the pensioners and beneficiaries living there, but they cannot undertake the remedial works required.

HIGH RISK PROPERTIES: While the 4 properties at 12 Kapiti Place which were flooded had yellow stickers, rather than red, there is still some risk of flooding in the future if engineering solutions are not found to manage this risk, by council. There needs to be an engineering solution to mitigate risk of future flooding through those properties (and others leading into the large culverted area near the Sunnynook bus station). It is the only part of the network that has not been upgraded.

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 council could supply homes at risk with a supply of sandbags to have ready on the property in case of future flooding.

#863

Storm Recovery and Resilience Consultation #879

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Your feedback

Local Board: Devonport-Takapuna

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

Our house flooded - the entire downstairs area and our driveway

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 insurance! And fixes provided by our landlord... although these are just property fixes... our issue is from overflowing drains on the street above our house and the drain that runs parallel to our house on Auckland Council land (Knightsbridge Reserve)

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

A permanent fix to the drain system in Knightsbridge Reserve - we have been logging this issue for 8+yrs and no fixes have been sorted/finished etc

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?**

Wairau Culvert needs to be a priority as it creates a flow on effect when the water level is high

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 #920

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Your feedback

Local Board: Devonport-Takapuna

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

Living in milford, significant homes flooded in my area and they are still empty waiting to be worked on

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?**

Other neighbourhood support

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

More council support with drainage issues and making a change to the systems

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

Provide the warning when the motorway started flooding vs hours later. It was too late to save many homes and possessions.

Better support with clean up efforts instantly.

Constant communication following floods, especially for those displaced still

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Needs to happen. More home, no up date to systems to keep 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?

Better council support for owners who are trying to be proactive and sort out the drainage. Currently a road block making them jump through hoops with no result. Alot of paper pushing people vs change makers

Storm Recovery and Resilience Consultation #925

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Your feedback

Local Board: Devonport-Takapuna

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

Small slip at border of my property and massive tree blown over- not covered by insurance- cost $2000. My adjacent rental property had some water damage and I had to spend $1000 on a new water drain and dig and fit it myself. I was stressed every time it rained heavily that it would happen again

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

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?**

My own efforts with moral support from my family and much appreciated tolerance by my tenant.

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

Standing permission and assistance in protecting waterfront cliff edge and trees

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

Allow landowners greater scope for flood and erosion protection without having to get expensive resource consents

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Sorry- haven't read 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?

Decrease infill housing

Storm Recovery and Resilience Consultation #948

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Your feedback

Local Board: Devonport-Takapuna

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

Inadequate drainage of stormwater.

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?**

Better reporting of possible storms

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

Upgraded stormwater systems

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

Faster response time to declaring state of emergency.

Declaring an emergency also raises potential to congest all motorways in every direction so traffic management will also require improvements

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Sell vacant lots to make money for the budget

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

Traffic management

Storm Recovery and Resilience Consultation #973

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Your feedback

Local Board: Devonport-Takapuna

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

Approx. 250 mm of water in our basement.

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 bought a vacuum cleaner that can vacuum up water.

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

A more stable climate!

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

Planning good drainage; fewer concrete driveways; more grassy areas for absorbing rainwater; drains cleared regularly to minimise the chance of blockages; stop building on flood-prone land.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 fully support increased flood mitigation even if it means rate increases.

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 #984

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Your feedback

Local Board: Devonport-Takapuna

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

1. The cesspits at the top of my drive were partially blocked by debris, the capacity of both the stormwater network and overland flows were exceeded, and subsequently water came down my drive and flowed through to my neighbours.

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?

1. Address the lax compliance with impervious area rules of the AUP.

2. Do not allow resource consents to be granted where permeability ratios are breached.

3. Require detention tanks more widely.

4. Monitor and enforce unconsented stormwater discharges to cliff faces.

5. Monitor and enforce illegal tree pruning and felling on coastal cliffs.

6. Strengthen tree and vegetation rules for cliff tops.

7. Be firmer about development of structures, pools etc in the foreshore / coastal yard.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Making Space for Water is too infrastructure focussed. Planning instruments require far greater focus.

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's Compliance unit is failing. Address it.

Resource consenting is far too permissive. Address it.

#984

Storm Recovery and Resilience Consultation #1023

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Your feedback

Local Board: Devonport-Takapuna

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?**

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?

Publicly disclose information for home buyers so they can make informed decisions before purchasing at risk 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?

Should have higher focus on the blue green flood zones, and less on drain clearance. When extreme rain events happen, drains will inevitably not be able to handle the water. Rather we need more focus on overland water diversion and 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?

More climate change modelling, allowing for the data to be publicly available for home owners. This climate change risk should be integrated into LIM reports.

Storm Recovery and Resilience Consultation #1025

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Your feedback

Local Board: Devonport-Takapuna

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

I was one of the lucky ones that was only minimally affected. I was stranded in the CBD once buses to the North Shore were cancelled, and our house had some minor water damage. (The damage was so minor, that I will categorise it as "no damage to my home" below.)

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?**

Early warning notifications from weather service have been extremely helpful for those around me who have been affected. It allows them to take preventative action, and prepare themselves mentally.

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

Prevention is better than cure, so I would feel best if I could see concrete actions towards minimising future damage. That could be reducing greenhouse gas emissions, since climate change was a contributing factor to the weather events. Or moving to more resilient

infrastructure, e.g. converting flood risk areas back to green spaces, with the same number of people being housed in medium density apartments in more robust areas.

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

I agree with the suggestions from experts that come under the term "sponge city". In general, I would advocate listening to experts - even to the point of weighting their evidence-based recommendations higher than public consultation.

We should also be preparing for a managed retreat from coastal areas, with sea levels expected to rise by 0.3-0.8m this century (and keep rising faster after that). In general, I don't agree with compensating individuals for losses - after all, gains are privatised and any investment is inherently risky. However, we should make sure that everybody is as informed as possible. Most importantly, the council should take this information into account when planning its own investments. Either budgets need to be set aside for coastal defence, or assets in those areas should be relocated.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 theses are all excellent suggestions.

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, reducing greenhouse gas emissions is an important component of preventing future flooding.

At the moment, the proposal foresees people moving away from flood-prone areas, but doesn't mention where they will go to. Enabling higher density housing in areas that are not flood-prone will provide space for those people to move to. Higher density apartments can house the same number of people with a lower footprint of impermeable concrete, meaning overall better water management.

#1025

Storm Recovery and Resilience Consultation #1054

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Your feedback

Local Board: Devonport-Takapuna

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

There was water running down gutters on roadsides taking with it soil, empty plastic bottles and other miscellaneous rubbish.

For my section, I had water running through my garden, down trenches from properties above me. One consequence was that the drain that flows past where the boundary water tap is became covered in silt, so I could not affect the water supply to our property.

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 taken time off work. Some neighbours have helped clear debris, but others have not been involved or even queried the effects on our property.

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

Restoration of the property and water run-off courses to pre-storm levels

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

Regularly clear drains, stormwater pipes, creeks and other water courses.

Plant trees, vegetation in areas where runoff is exaggerated

Mobilise emergency services much quicker than earlier this year.

Have a hotline to defence forces so that they can bring equipment and personnel to carry out preventive and remedial work.

Involve the community in mock sessions so that they know what best to do and to help when unusual events occur - water or fire (NB Maui)

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 are commendable. I prefer 1, 2,3,5. 7

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 above

#1054

Storm Recovery and Resilience Consultation #1098

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Your feedback

Local Board: Devonport-Takapuna

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

Very lucky this time as many houses close to mine were flooded and neighbours left homeless

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 received from council. other than waste removal. private insurers repaired damage to buildings. Most neighbours helping each other as needed

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

remedial and preventive measures being quickly and obviously performed. Less talk, more action. The policisation of the situation should be minimalised

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

Better info updates. More soakage areas, less infill housing, more permeable streets and housing areas, more tree planting on verges, encouraging private planting. Reduce tree felling in residential 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 #1121

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Your feedback

Local Board: Devonport-Takapuna

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

Homeless temporary inaccessible housing space where we slept flooded nearly every time it rained. Severe PTSD from that which was triggered again by larger 2023 flood 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?**

Suicide plan and writing/updating my will (in that the mechanisms to commit suicide with low risk of survival or discovery were as inaccessible as the community so it was very difficult to go through with them as the community and public spaces are completely inaccessible now).

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

Accessible housing, independent income support for disabled people to live on (rather than being incomeless and viewed as worthless by others in the community), access to community spaces for mobility transport (generally private vehicles that run at high cost) and funded mobility transport to those community spaces to access help. Recognition by

those in AT and Akl Council that disabled people deserve a right to live and have access to public spaces in their community (rather than the drive to remove access for private mobility & disability vehicles and thus removing all of our access to spaces that include work, education, essential medical and social services).

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

Include recognition that disabled people exist and have forward planning for vulnerable community members in response to critical events, (AKL cannot even manage toxic air from fires causing severe respiratory harm to vulnerable community members, try not being able to breathe adequately, on the floor because you can no longer stand or situp and your lungs burning in pain for extended periods). Now imagine you have poor access to medical and emergency medical services and cannot afford even transport to them. Yep have that will handy eh.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Literally none address the critical causes for localised flooding where we lived which were delayed and deprioritised council maintenance on public roads, parks, waterways and increased housing densification without improvements to sewage and waste water services. The council could not even be bother to clear and clean the drains prior to the large storms and under designed for the new population density so when they were blocked and flooded (as was always going to happen when the council and AT cuts essential services budget in real terms accounting for inflation and changes to population density) it was unavoidable. When the floods happened again after the previous years and happened again later with even less rainfall it is no surprise. You don't get essential service and stormwater & sewage system improvements by putting in a cycleway, CBD beautification and more marketing consultancy 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?

See Above

Storm Recovery and Resilience Consultation #1149

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Your feedback

Local Board: Devonport-Takapuna

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

Approx 10 garages affected by overland flow paths, 1dwelling...had to dig out gardens to divert overland flow from basement areas. Very little warning no heavy rain warning

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 for flooded garages

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

More advice about overland flow paths for landowners

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

Pre storm maintenance on critical assets by healthy waters. Better education re overland flowpaths for the landowners and occupiers. Higher habitable floor level requirement in building act i.e. minimum 200mm clearance for habitable floors from adjacent ground levels. Changes to E36.9.2 flood risk assessment criteria in unitary plan requirements and higher freeboard above flood plains for habitable floots.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Prioritise high risk properties for land purchase based on flood risk assessment.

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 spend time and $ on education for architects, landowners, builders, engineers te Overland flow paths for 100 yr ARI and how to manage.

Storm Recovery and Resilience Consultation #1150

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Your feedback

Local Board: Devonport-Takapuna

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

our house in the ground floor was 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?**

family

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

actual work on our infrastructure

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

actual work on our 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?**

spend more if needed on our 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 #1170

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: Devonport-Takapuna

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

Our house and local area had significant 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?**

Insurance....

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

Seeing people able to move back into their homes

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

Improve drainage, warning system, clear 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 #1172

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Your feedback

Local Board: Devonport-Takapuna

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

Stream in our Bach garden full but did not flood. But storm drains reached there capacity and could not get water away fast enough. No damage but lots of water to sweep away and found that our neighbor has downpipe going directly into our driveway creating potential 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?**

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

Seeing stormwater catch pits and streets free of debris. How about street sweeping? Never seems to happen in my area and many carchtpits. I understand this would not have helped major flood events, but what about resourcing things up to manage normal sized storm events.

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

I volunteered at one of the relief centers and found it confusing. Seems details of people were kept track of on a shared spread sheet rather than a modern database. Lots of room for errors and duplication. Better systems 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?**

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

Encourage use of water tanks. In condensed development areas do not allow deviations from rules.

Old infrastructure can't cope with infill housing. Needs major upgrades first not after construction. Developers should be told no if systems not able to cope. Need more than just talk.

Storm Recovery and Resilience Consultation #1176

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Your feedback

Local Board: Devonport-Takapuna

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

We were nearly flooded. Overland flow from neighbors roof and impervious surface overwhelmed our stormwater drains. We would have flooded if we did not put sand bags at our side entrance.

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 enlarged our drains near property boundary that lead to the main stormwater drains . The public stormwater drain were overwhelmed which is understandable.

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

Council should reduce impervious surface, reduce infill housing and intensification, ensure down spouts are connected to stormwater drain. Increase greenspace, increase rain tanks or rain water storage in catchment.

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

Reduce impervious surface. Ensure development is connected to stormwater systems that have capacity sized for extrem events (One in 100 y is not enough) . We need more green space and trees. More stormwater storage. Maintain 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?

Good idea . However infill and intensives develop needs careful attention to extreme events that will occur more frequently.

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 connection to an existing stressed stormwater system. Ensure new development do not divert stormwater to downstream property. Ensure down soputs and Overland drains do not cause a nuisance. Many approved / consented homes are built in Overland flow paths, now at risk. Council should pay special attention to the approved development now at risk with regard to further discharges to Overland flow e.g down spout , diversions and impervious surface.

#1176

Storm Recovery and Resilience Consultation #1183

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Your feedback

Local Board: Devonport-Takapuna

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?**

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?**

We were impacted by a stormwater system that couldn't drain into the estuary because it is silted up. This has not been rectified and the council's Healthy Waters will not undertake basic maintenance of the system. We cannot recover until this has occurred. Every time it rains we have a fear of flooding and take precautions. After the floods our two-year-old insisted on sleeping in his shoes - the reason, once he told us, was to run from the water when it came again. Have we recovered - no and we will not until basic maintenance is done.

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

The decision-making process needs to be made streamlined and made a-political. A politician (i.e. an incompetent Mayor like that drongo Wayne Brown) should not be the key decision-maker in the Emergency Management process. His political stance and personal interests have nearly cost us everything we have financially.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

8 of the initiatives are aspirational and long-term. The one immediate initiative that will make an impact is maintenance. Please, please focus on this first and get it right before spending our money elsewhere.

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 notice that under the maintenance section, there is nothing written about making sure the stormwater outfalls are clear and functioning, and if it requires consent to remove silt from the estuary to ensure they flow, that this occurs. It seems remise to not include the outfalls.

#1183

Storm Recovery and Resilience Consultation #1189

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Your feedback

Local Board: Devonport-Takapuna

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

Badly affected, we have been flooded 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?**

Having insurance and drainage service plan

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

Having a regular drainage check and service , at least once yearly

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

By having Auckland Council focussing on a robust maintenance service plan to ensure our waste water and sewerage systems are ALWAYS 100% unblocked to be ready for extreme weather events like these.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

Not sure

Storm Recovery and Resilience Consultation #1192

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Your feedback

Local Board: Devonport-Takapuna

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

We had surrounding flooding in the adjacent park and the public stormwater in my property flooded the surrounding area.

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?**

None.

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

I don't think it is the help afterwards but preventing this happening in the future.

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

I believe a lot of the intensification in housing that is causing the issues. There is clearly an issue with the stormwater and the 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?

I think better planning on developments and intensification of housing. We keep allowing more houses to be built, but are not upgrading or using the money from the DCs to invest in the infrastructure for stormwater 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?

Per my point 6. I think we missing having a better plan for housing development. The in-fill housing without proper investment back into the infrastructure is now starting to have an impact on the city.

Storm Recovery and Resilience Consultation #1198

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Your feedback

Local Board: Devonport-Takapuna

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

WE flooded twice through the storms in 2023 and have had to under go a house rebuild due to this

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 neighbours helping each other out

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

Seeing the council actually making changes and cleaning drains on the street and improving the stormwater system

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

The council could focus on upgrading the storm water systems, all well and good for you to approve infil housing but the stormwater systems aren't capable of carrying all the extra water caused by more concrete, and don't make it residents problem to clean the drains. And if you know a storm is coming get all council staff off their arses and get out and 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?

additional rates!! - stop pissing all the money away on stupid things like speed bumps and city rail links.

Wish i worked in an industry where i could waste all the companies money then just go back to the customer and charge more knowing they don't have a choice.

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 #1200

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Your feedback

Local Board: Devonport-Takapuna

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?**

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?**

slow down intensification until older areas have been future proofed against heavy rain 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?**

how do you stop somewhere like Wairau road flooding again as the water has no where else to go. you need to build mitigation measures like a massive water retention tank or such like.

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 #1242

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Your feedback

Local Board: Devonport-Takapuna

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

Bad as Auckland Council are not doing thier job properly in terms of maintaining the storm water infrastructure

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?**

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?

Auckland Council need to be more efficient and proactive in their maintenance works and in updating the infrastructure rather than wasting time on meetings, meetings and meetings with minimum action i.e. wasting rate payers money.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 jobs get done efficiently by competent people then such increases in rates will be much and much less. How many very highly paid employees are currently working for Auckland council and their jobs is to allocate the work to external consultants? this is all from 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?

To start with do your basic jobs, clean the waterways maintain the infrastructure, clean the road gutters ...etc.

Storm Recovery and Resilience Consultation #1256

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Your feedback

Local Board: Devonport-Takapuna

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

Many flooded homes along Wairau Creek and in Wairau Valley.

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 community has been very generous and provided a great deal of support to impacted families. Auckland Emergency Management were absolutely no help at all - they were invisible and expected the community to be self sufficient.

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

Confidence that the risk of this happening again had been reduced by remedial activities.

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

Get the Emergency Management team to be accountable and clear about their role in Emergencies then communicate this to all community groups. Communications infrastructure to facilitate communities is 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?**

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 #1259

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Your feedback

Local Board: Devonport-Takapuna

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 #1265

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Your feedback

Local Board: Devonport-Takapuna

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

Son, daughter in law and grandchild's house flooded and unlivable; they are now staying in a rental property costing $1,000 per week in addition to the normal costs of their house (mortgage, rates, electricity and water). They have also had to buy clothes, appliances and other personal effects that were damaged by 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 support.

Insurance payment for the rental property for the first 20 weeks (now finished).

No other insurance payments or government/local body help.

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

Insurance payout finalised; government/local body help finalised; completion of rebuilding and repairing the flooded house

#1265

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

Better warning systems

Finalised government and local body plans and payouts

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1275

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Your feedback

Local Board: Devonport-Takapuna

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

Thankfully our hosehold did not suffer any damage save 1 fallen tree in the backyard. However in my community, roads were cut off by flood waters and land slips affected our access to the local beaches and parks.

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 kind to one another and checking in on pers.

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

Landslide areas cleared or replanted to become safter, restoring pathways and access to local beachs and parks (particularly walking trails)

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

Have better plantings/gardens with indigenous vegetation to esnsure soil structure and provide a buffer to our houses & infrastructure.

Have more parks and creeks with a greater areas measured for banks (i.e. measure as if completely flooded out and make that the minimum size of the bank).

Have better & cleaner drainage and overflow systems which are based around the natural areas & paths of flow observed during the floods.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1277

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Your feedback

Local Board: Devonport-Takapuna

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

Back of section and garage flooded

Minor flooding on section ... house ok

Flooded local roads and reserves

Beach sand washed away ... part of sea wall destroyed

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 ...yeh right !!

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

Demonstrationor updates on actions taken to date...

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

Increase frequency of clearance of road drains and culverts. Increase the side wall heights of culverts ….ensure all new developments allow for sufficient permeable surfaces and stormwater drains. Clear road drains regularly….. stop infil housing in areas with poor/old services

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Sort out all new development first as per my comments above….

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

Dont allow development,redevelopment or additions within a coastal strip of 15 metres…..

Endure all new development allows for stormwater collection and % of land fixed as permiable land for drainage….

Storm Recovery and Resilience Consultation #1280

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Your feedback

Local Board: Devonport-Takapuna

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

Some flooding, 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?**

Insurance

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

Communication on what has been done to my specific community to fix, remedy, and improve infrastructure related to cyclones

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

Encourage residents to have general personal insurance.

Improve stormwater and maintenance of 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?

In principle I agree but devil is in the detail of each as costings / expenditure look way too much.

Perhaps prioritise stormwater, water flow over upgrades to bridges etc.., eg focus on cause of 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?

Sacrifice some park space for increased water flow etc

#1280

Storm Recovery and Resilience Consultation #1293

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Your feedback

Local Board: Devonport-Takapuna

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

No real impact

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?**

A lot will depend on how much more it is going to 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?**

Storm Recovery and Resilience Consultation #1310

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Your feedback

Local Board: Devonport-Takapuna

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?**

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?**

someone did not steal enough, so more rates 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?**

Storm Recovery and Resilience Consultation #1322

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Your feedback

Local Board: Devonport-Takapuna

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

minimal persoanlly but locally community we affected allot

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?**

progress and information on who to talk to

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 panning on where 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?**

need to futurte proof - happy to pay extra for future generations

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 #1339

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Your feedback

Local Board: Devonport-Takapuna

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

We had not problems but I understand a few around Devonport had significant 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?**

community events to bring cohesion like street events or gathering in the park

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

We need to consider avoiding high density building if the infrastructure can not be improved before this happens

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 are inevitable if improvements for this need to be made

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

increasing the "sponginess"of cities

Storm Recovery and Resilience Consultation #1376

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Your feedback

Local Board: Devonport-Takapuna

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

Extremely. My road was mostly 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?**

Sunnynook community has a really generous Facebook group that neighbours used to reach out. The community centre was also very welcoming for those affected

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

An overhaul of the drainage system by the bus station that flooded 2-3x. Better drainage or regular maintenance of drains.

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

Unsure, the weather isn't controllable.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 good. As for costing aucklanders, I think it's another way to punish people for living in areas affected by floods while rent continues to go up. Living in a house at risk of flooding with no certainty these preventive measures will work won't make people want to take the risk of moving to these areas or paying 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 #1379

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: Devonport-Takapuna

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

yes to a degree

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?

Better enforcement and more public understanding of your flood risk asses,ments especially so people can review before buying a property It should be free and more public your flood risk assessments not just in your LIM

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?

yes too many proper put up solid fences that blocked the natural flood path even where these flood paths were marked on the councils flood assessments There needs to more emphasis on awareness of areas at risk of flooding and more enforcement that owners do not block those flood paths etc

Storm Recovery and Resilience Consultation #1434

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: Devonport-Takapuna

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?**

collecting food parcels

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

seeing action to defuse weather events

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

Power companies - lines must be put under ground so high winds can't cause arching no more excuses power companies must do it NOW!!

making 'lakes' so excess water can collect and hold water with controlled release these lakes could be on farms/parks so water could be used in droughts and fighting fires. when any repairs or new buildings consented they must have water tanks eg Sydney. forestry companies must remove slash before they can move say to a new block Wildlife areas including "lakes" in all developments and farms for their own drought relief

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1482

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Your feedback

Local Board: Devonport-Takapuna

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

The nearby streets 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?**

News broadcasts

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

Advice that flood resilience is in progress

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

Designate flood zone drainage sites

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Please go ahead

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 #1504

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Your feedback

Local Board: Devonport-Takapuna

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

Browns Bay was subject to extensive flooding during the extreme weather, and my tennis club, at which I am a tennis coach and it is my primary employment, was severely affected by flooding caused by overflow of the creek running at the back. This resulted in us having to move operations to nearby schools, and we were only able to do so through their goodwill. We were not permitted to play during these times, just coach, and this had an effect on my physical and mental wellbeing, as well as a financial effect through decreased access to court space. This also affected the tennis and squash community I value dearly, as many players were unable to play for several months.

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

No damage to my home, I don't know

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

The local schools at which we were able to operate were incredibly generous in giving us their facilities. For playing, we were also given access to nearby tennis and squash clubs during off-peak times. The membership at the club came together to help as much as possible and this community spirit helped keep us together and raise spirits.

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

Better storm water systems would give the membership better piece of mind that this kind of event won't happen again. The second day of severe weather also caused flooding, and it is clear that the water systems leading into the creek aren't sufficient to deal with the increasingly likely flooding that will occur in the 21st century due to climate change. We currently can't secure insurance for the club as a result of this problem. Securing the long-term future of a local sports facility servicing over 500 members of the community should be a priority for the local council.

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

Better water systems and flood defenses for at risk areas. Furthermore, earlier notification to citizens would have decreased the travel chaos seen during the first day 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?

Glad to see there is investment and initiatives, but more detail is needed to give a clearer picture of where the money will be invested and in which 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?

Auckland Council needs to recognise that this will continue to be an issue, and will become more likely in future. Show some leadership not only to make space for water, but to change attitudes around climate change by improving green travel (buses, bikes etc). Recent RNZ figures showed the number of cancellations for buses in Auckland is over 1000 per day, this demoralises commuters trying to do the right thing by going green. There aren't enough cycle lanes and the urban environment is only growing outwards, rather than upwards. We need to change our mindset about the environment and that starts with good leadership from local and national government.

#1504

Storm Recovery and Resilience Consultation #1510

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Your feedback

Local Board: Devonport-Takapuna

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

Personally, we were unaffected, living atop a rise. However, as a builder mainly involved in renovation work locally there was, and is still, significant repair work due to flood damage the worst of which is mainly associated with inadequate or blocked 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?**

Seeing work done by the council (Watercare) to resolve drainage problems

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

We need transparency in Watercare operations and activity. In particular, there needs to be visibility of the drain maintenance program. A KPI needs to be established and performance to maintenance objectives open to the public to view. Council must vote to approve the work program and any future proposed changes of agreed objectives This could be accessible on the Watercare app

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

We must protect the sponginess of our cities at all costs. Housing intensification cannot take away any further greenspace either public or private.

The practice of stripping a building site of its topsoil pre-construction needs to cease. Not only does this practice reduce the city's sponginess the CO2 emissions associated with the heavy machinery scouring the earth and the transport of the topsoil back and forth is a significant negative environmental 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?

There are millions being spent by CCO's on spurious nice-to-have projects with dubious and unrealistic objectives. A razer gang needs to go over these organisations and reallocate spending on the basics. Once this is done, and assuming there is still a need, then it is quite reasonable for a special rate levy to be introduced.

Perversely it will be educational for our community to know there is a price to be paid for our sticky addiction to burning fossil fuels.

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

Other than the suggestions made above I trust you have it covered.

Thanks for the opportunity to contribute

#1510

Storm Recovery and Resilience Consultation #1521

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Your feedback

Local Board: Devonport-Takapuna

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

Little effect on my immediate community.

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?

Making sure streams and drains are kept cleared, including those on private property. Making more sponge areas such as the reserve in Norhtcote which worked 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?

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 #1535

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Your feedback

Local Board: Devonport-Takapuna

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

My property was flooded and the occupants had to move out. A long clean up and insurance process ensued.

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?**

Keep street grills clear of 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?**

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 #1539

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Your feedback

Local Board: Devonport-Takapuna

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

We had water overflowing from the road down the drive and had to protect our garage from flooding. Our neighbour closer to the road had a flooded garage and ingress into the house through bricks.

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 got sandbags

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

We need bigger gutters and culverts to get the water down the road

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

Maintaining the stormwater drains 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?

The initiatives made sense to me but I have no civil engineering knowledge

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 have the expertise to comment

Storm Recovery and Resilience Consultation #1552

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Your feedback

Local Board: Devonport-Takapuna

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

Personally not at all but the local community very severely.

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 and insurance payouts.

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

More council and government investment

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 #1553

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Your feedback

Local Board: Devonport-Takapuna

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

Local low lying areas flooded. Major landslips on surrounding cliffs north and south of the peninsula.

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?**

Have not witnessed much help or work in the community apart from teams of workers clearing fallen trees. Mostly it has been local people and neighbours pitching in to help each other out.

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

Investigate and explain why flooding took place. Most was due to poor or blocked drainage. Take immediate action to stop it happening again. Check drainage systems. When heavy rain occurs now we still get flooding occurring around drains that are still blocked.

#1553

Investigate cliff damage. Explore how to reinforce or put up barriers to prevent cliff erosion. Private property owners have already done a lot of this.

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

Stop building on flood plains or areas susceptible to flooding. Stop building so close to cliff edges. I used to live in Sydney and you could not build close to cliff edges in the Eastern suburbs or the North Shore. All properties were set well back.

Have better extreme weather plans in place.

Better warnings and forecasting (although both these have already greatly improved).

Put a plan together to slowly reduce the areas, already build on, that are constantly 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 was impressed by the document. All the main answers seem to be there especially clearing the way for surface water to drain naturally. Hard to prioritise the actions. It is a bit like prioritising your arms and your legs - you don't want to lose ant of them.

Happy to pay additional rates that were earmarked and separated for Storm Recovery and Resilience. Not just added to the standard rates. A separated fund that is identifiable and reported 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?

#1553

Storm Recovery and Resilience Consultation #1556

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Your feedback

Local Board: Devonport-Takapuna

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

Very badly

House flooded inside up to about 600mm.

Outside boundary fences up to 1.2 m

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 support. help and advice from neighbours and friends

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

The flooding problem would need to be fixed with transparent detailed progress reports.

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

By fixing the problem!!!

Also emergency alert warnings being sent out on cellphones by central government. They were not, even though we have that facility and it has been tested. This was also the case with a tsunami last year badly affecting the east coast of Northland(Tutukaka etc). Incompetence or what? Maybe it was at night time on both occaisions and the bureaucrats had gone home?

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 far too low a figure for doing a proper job of safeguarding Auckland compared to the total yearly budget.

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

Obviously fixing drainage etc upstream will not help if the problem is downstream.

#1556

Storm Recovery and Resilience Consultation #1558

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Your feedback

Local Board: Devonport-Takapuna

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

Was hard time. Dommages matériels et embouteillages importants

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?**

Honestly, the weather has helped more than the community's help.

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

not much

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

weather. Continued caseI often want to collect money and spend it on what I do, but I hope you do it with the budget you have. studies require practical action

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 more hard work

I often want to collect money and spend it on what I do, but I hope you do it with the budget you 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?

Do you consider Where roads and gutters have changed for decades, how is the water discharged by more people now building more homes?

Storm Recovery and Resilience Consultation #1598

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Your feedback

Local Board: Devonport-Takapuna

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

Our house and neighbours were 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?**

Paying for more drainage on our property, insurance paying to reinstate

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

To see the money we pay for rates being used to maintain assets like stormwater drains, and stop infill housing which is just getting connected to old dilapidated storm water systems. Not sure where the money from the newbuilds goes too as i am sure they pay a decent fee to the council....

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

Stop adding more housing until we can look after the existing 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?

Rates have already increased maybe stop wasting the money you did have on toy train sets that don't 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?

Storm Recovery and Resilience Consultation #1601

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Your feedback

Local Board: Devonport-Takapuna

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

My home is halfway up a hill in the suburbs, so we had an impromptu stream effectively form running downhill over our yard. We also had considerable amounts of water come into our garage under the house, which required sweeping out. Fortunately, we don't seem to have sustained any actual damage of note beyond that (mostly likely simply because most of the water ran downhill to someone else's property).

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 area (at least, for me and my neighbours) weren't significantly affected outside the events in question, so we haven't really needed anything.

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 only thing I can think of (which I gather is already somewhat included in the proposal) is to identify the lowest points in different areas, and prohibit future building in them. Thus, when water inevitably ends up pooling in those spots, somebody's home or business doesn't get flooded (at least, not as badly).

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Of the proposed spending, most appears to be allocated towards one-off/capex type expenditure. This could be reasonably funded via a special targeted rate. Hundreds of millions of dollars, however, appears to be targeted at ongoing/opex type expenditure. It's less clear to me how the Council can sustain funding towards it without either having a permanent targeted rate or collecting more in general rates, in which case it is awfully easy for the money to end up getting diverted. As for how the costs should be divvied up, it strikes me that levying everyone across the city equally is probably most fair, since few people would have truly understood the problem until much too late.

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

#1601

Storm Recovery and Resilience Consultation #1685

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Your feedback

Local Board: Devonport-Takapuna

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

We were not at all, although specific parts of Milford were, quite badly.

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 really affected, and so not aware of the help to others.

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 no drain & storm-water blockages anywhere; remove large concrete pads in Reserves and playing fields that prevent water drainage. For a basic start: Ensure standard drains and Storm-water drains are regularly cleared. Natural drainage [fields, parks, streams] is retained and expanded. Infill housing with poor drainage seriously regulated.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 to be paid for; so be it. Those of us in more "expensive' areas will need to contribute more.We have no alternative but to pay extra - hard on many households but!!

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 #1696

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Your feedback

Local Board: Devonport-Takapuna

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

Some minor basement flooding, our house. Others in low lying areas with more significant property 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?**

Presumably regular council maintenance.

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

We will never 'recover'. This is the new normal. I will feel better when managed retreat and other mitigation strategies are in place

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

The proposed plan is fine.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 pay for infrastructure, less happy to pay compensation for people who have purchased/built homes on cliff tops/ beach front etc. Need to draw a line in the sand at some point on pay outs for these folks. Get the managed retreat going fast so cost can be spread out over longer time. Legislation changes take 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?

Sea level rise doesn't seem to be part of the planning. Stop building in areas that will be inundated.

Storm Recovery and Resilience Consultation #1710

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Your feedback

Local Board: Devonport-Takapuna

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

I have a property that runs alongside the Wairau Culvert , this waterway rises rapidly in even mild rainfall and rain constantly creates anxiety with a flood threat.

My neighbours home was severely flooded and my garden was flooded , if the rain had continued for any longer on the anniversary weekend flood my house would have flooded also.

Other neighbours in the street had flooded houses also and one is now having difficulty selling the 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?**

The only help that I recall was the pick up of flood damaged rubbish in the weeks following the flood

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

That work had already started to mitigate flooding in the Wairau valley

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

Urgent physical infrastructure work to create the green - blue spaces that have been discussed

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

Reducing the rapid intensification of housing that has occurred on the North Shore over the last 3 to 5 years - there doesn't appear to have been a corresponding improvement in the storm water infrastructure during the same period to match this rapid increase.

Storm Recovery and Resilience Consultation #1720

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Your feedback

Local Board: Devonport-Takapuna

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

We had some minimal roofing challenges and our sump went non-stop for days. We were very fortunate. However, houses in low spots nearby within a block on either side clearly suffered full basement 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?**

Personally, we've been doubling down on our plans to review and revise our water diversion and permaculture around the house so that in future floods we won't be reliant on the sump. Focusing on what we can do has made it all less depressing. As an employee of IAG, I've also been able to direct some energy into our community recovery hubs and that's helped.

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

Clear sign that the council and all govt response isn't a short term knee jerk but rather a long term understanding that alternating extreme wet and extreme dry years are likely to be the norm. So far I see no evidence that the govt agencies are taking that on board.

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

We need to radically up our game on how to simultaneously be able to get water away from our built infrastructure while also recognising the impacts of future multi-year El Nino events. We need a LOT more investment in our water management, frankly. And this doesn't even touch on how we respond to the foreseeable increases in average sea state heights and ferocity along our coastlines.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 are sound and make sense in response to FLOOD events. What they are not encompassing as near as I can tell is that we are likely to experience just as many (if not more) drought years. I'd like to see our efforts from the design level consider which/how some of these initiatives contribute to our resiliency in both very wet AND very dry years. There isn't a single answer to that question, but I'd like to see it baked into every design choice wherever possible. And while it is less relevant in the central area where I live and work, I'd like to see something about what to do with all the slash and down trees. Biochar is a really good option here with a win win for the climate.

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

Yeah, where is anything at all related to sea walls, waste water discharge, salt water incursion, and the impacts on our ocean waters of severe flooding events.

#1720

Storm Recovery and Resilience Consultation #1750

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Your feedback

Local Board: Devonport-Takapuna

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

Our property was partially flooded along the boundary. Building materials and other items were displaced or needed replacing.

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 replaced items / materials damaged.

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?

Put logical restrictions on non-permeable building coverage for all residential sections of no more than 70% and ensure storm surge / detention tanks are mandatory for multi-unit developments regardless of coverage.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 initiatives are too high level, and lack enough detail to assess their effectiveness. In addition, none of the initiatives listed target the lack of storm-water management requirements for aucklands' huge increase in housing intensification which has contributed to a significant loss of natural soak areas and increased stormwater flow.

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

Increased requirements on new residential developments to mitigate high section coverage with buildings or non-permeable areas (driveways, etc) and increased consent fees to help pay for additional infrastructure to service them.

#1750

Storm Recovery and Resilience Consultation #1765

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Your feedback

Milford Residents Association Inc

Local Board: Devonport-Takapuna

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

The Milford community, especially those adjacent to the Wairau Creek and estuary, were heavily and negatively affected by the extreme weather 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?**

We are responding on behalf of Milford Residents Assn and cannot speak on this issue.

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

As above.

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

Draw back on intensification and keep more permeable surfaces on all zones of property.

Establish blue green spaces adjacent to all streams. In our case, the Wairau creek, estuary and entire catchment.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Putting the Making Space for Water programme will be essential to the way we cope with future severe weather events. We urge Auckland Council to instigate this programme throughout the length of the Wairau catchment on the North Shore. Families and businesses cannot face the same flooding again and again into 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?

Council needs to start policing the permeable to non permeable surfaces permitted to all property zones. At the moment, these rules are a total joke.

Storm Recovery and Resilience Consultation #1780

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Your feedback

Local Board: Devonport-Takapuna

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

We were flooded twice, the first one was really bad causing a likely 300k in damage. This was due to the Wairau Creek overflowing.

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. The council and insurance have been slow and incompetent

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

Council investment in protecting us from Wairau Creek overflowing. In particular, helping with retaining wall costs as we have to build back much higher now due to poor planning from the council.

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

better planning regarding housing developments and the associated downstream affects

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 would be good to understand the potential impact of the initiatives near our house so we know how high to build the retaining wall

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

Support building back retaining walls that were washed away during the flood that are next to or share council land. Consider serge tanks in addition to the green-blue spaces.

Storm Recovery and Resilience Consultation #1878

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Your feedback

Local Board: Devonport-Takapuna

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

A close call took action with sandbags and prevented flooding. Without the action, we would have 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?**

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?

Focus on the things that matter. Not the fluffy stuff. Water 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?

Focus on the tangible things that matter. Not the fluff

Yes, to 1, 2, 4-9

No to 3 (a waste of time and money - fluff).

Lastly, do not involve Iwi as they will attempt to control and profit from it. We are one people who are all affected by floods.

AC need to take action and not pander to Treaty excuses.

We elected a Mayor who hopefully cuts through the noise and takes 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?

What about a financial fund like EQC for future disasters. Money used to assist those who are negatively impacted by a disaster. Can be added to our rates.

#1878

Storm Recovery and Resilience Consultation #1900

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Your feedback

Local Board: Devonport-Takapuna

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

My self and several neighbours were impacted by overland flow being so intense that it overwhelmed waterproofing on walls and flooded ground level rooms. Personally our house had water come through bottom storey walls and flood the rooms to about 10cm of water. This was caused by overland flow from neighbouring property with extensive impervious areas, with no engineered drainage or detention. Some lower lying areas were affected by flooding and some were affected by overland flow exceeding stormwater infrastructure.

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?**

Sharing our stories. Personal resilience

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

Getting the damage repaired and know we have improved thinks so we will not be flooded again. Having the damage finally repaired and ensuring that this would not happen again. Fix what failed.

#1900

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

Better blue green infrastructure and making space for water. You cannot manage what you do not measure, so we need to do the assessments which are planned. Fund a program to encourage retrofitting of detention for all of Auckland and increase the retention requirements for existing SMA's. Increased detention would be required to ensure the success of stream planting projects as velocity of SW is to high. More focus on removing illegal structures and dumping in streams and OLFP's along with discharges to same. Ban (and enforce ban) on-street parking so that streets can be swept and cesspits accessed for cleaning. Make full use of ecosystem services rather than engineering solutions. Educate

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 cannot come soon enough and not sure they are ambitious enough. Too much reliance on community helping themselves.They are all good initiatives but more is required or these initiatives will need to be backed up with increased SW detention and a ban on on-street parking.

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

May need to consider some plan changes and changes to building codes to ensure better protection, though this will not help existing houses. Turn all of Auckland into a stormwater management area and increase stormwater detention requirements. Street sweeping after rubbish collections to reduce litter in cesspits and waterways. Take it to the schools, educate the educators. More money to enforcement.

#1900

Storm Recovery and Resilience Consultation #1945

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Your feedback

Local Board: Devonport-Takapuna

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

My community was deveststed. My house was fine but I volunteered many hours helping others

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?**

Sunnynook Community Centre and volunteers

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

Massive changes in the stormwater infrastucture. Buying out houses, and reinstating streams. Raising or moving the community centre out of thr flood zone.

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

Have clear writen guidence which is accesssble

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 - do everything uou can

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 #1947

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Your feedback

Castor Bay Ratepayers' and Residents' Association

Local Board: Devonport-Takapuna

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

During the events in early 2023, Beach Road in Castor Bay flooded at its lowest point (near The Esplanade) and the road and footpaths became impassable, with water reaching around waist deep. As well as stopping the flow of people and traffic, access to around 20 properties was blocked. At least two low-lying properties were flooded: one property had water through the garage, and the other property's ground floor was badly damaged.

Braemar stream flows through this area and out to Castor Bay beach via an underground pipe and culvert. There was insufficient capacity to handle the water from the stream, as well as water running down Beach Road from the north and south sides.

In addition, a slip further upstream in Braemar Road caused by the heavy rain broke a wastewater pipe which has yet to be permanently repaired, with wastewater still leaking intermittently into Braemar stream and flowing out to the beach.

The popular wooden staircase from Kennedy Park down to Kennedy Park beach was badly damaged and is now closed to the public.

This flooding occurred approximately 3 times between Auckland Anniversary weekend and March 2023.

It is also worth noting there is no local evacuation plan or an agreed safe meeting place for displaced people to gather safely in events like this.

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?

Castor Bay Ratepayers' and Residents' Association has advocated to the Devonport-Takapuna Local Board for this area to be properly investigated and solutions found. We have also conducted our own investigations and made some recommendations to DTLB. We have shared this with our membership.

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

We would like the Braemar stream catchment and the pipe / culvert under Beach Road and The Esplanade to the beach to have a proper assessment, and work done to increase the capacity of the network to handle larger volumes of water, so that flooding of this nature doesn't reoccur.

We would also like the abovementioned Braemar Road wastewater pipe break to be permanently repaired, and the Kennedy Park stairs reinstated.

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

'- Better maintenance of stormwater catchpits and street drains.

- Invest in increasing stormwater capacity in affected areas like Castor Bay.

- Work with residents groups like ours to host stream clean ups and riparian planting, and help educate our community on actions they can take.

- More green spaces / less impermeable spaces so water can flow and be absorbed.

- Enforcement action where private landowners do not keep streams 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?**

No - we support 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 #1955

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Your feedback

Local Board: Devonport-Takapuna

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

I live in Milford, and our home was under 1.5m of water. Our house was yellow stickered and we have still not been able to return. Our neighbour hood was significantly 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?**

Council sent rubbish trucks in the immediate aftermath which was EXTREMELY HELPFUL

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

Answers. We are waiting for our categorization so we can actually move forward.

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

Ensure infrastructure is adequate for the urbanization that is occuring

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1970

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Your feedback

Local Board: Devonport-Takapuna

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

Large deck with glass balustrades fell 30+ meters down to the beach between southern end of Castor Bay and Milford Creek. Large Pohutukawa tree fell pulling 7 meters of soil out from beneath the deck. A large part of the deck hung over the gap until I engaged Ezbuild to remove 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?**

Neighbours. Council said they had cleaned up debris at the bottom of cliff, they hadn't even been - glass, concrete steps, concrete and pipes are still there, along with the dead tree. Insurance keeps passing my problems to EQC - still waiting for their report.

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

The current council restrictions on sensible annual pruning of cliff edge Pohutukawa are responsible for many cliff slips. To be told by council that the SEA is top priority is nonsensical. George Wood understands the situation - council doesn't.

#1970

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

As above, prune the cliff edge trees! Pohutukawa's are considered weeds in Fiji. The trees have shallow roots. With heavy rain the roots become loose as they have sought out softer strata in cliffs. Then a cyclone/strong wind blows the heavy wet trees down and the roots break up the cliff NOT the other wat round. They DON"T hold the cliff together- ask Geotech guys.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Council drains are not big enough for the huge intensive housing developments currently being done. Then, in autumn the drains get blocked with leaves and are not cleared out; a council job. Force developers to pay for drainage 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?**

All new and restored clifftop dwellings should only have drains bored though the cliff to the beach/rocks below. Owners of drains that allow water to flow over cliff edge should have a time frame to change to internal land drains for storm water.

#1970

Storm Recovery and Resilience Consultation #1975

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Your feedback

Local Board: Devonport-Takapuna

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

Flooding in some main streets, carparks at new world supermarket. Car park flood,my neighborhood was effected 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 out what the problems were, assisting in my local civil-defence. Teamwork and civil defense

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

Better drainage in Bayswarter Centre and someone getting on to preparing Takapuna better. Keeping civil defense funding

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

Better flood drains. Practically in Bayswarter and Wairua Rd in Greenfield.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 it affordable. Workmen under supervision working harder.

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 the beaches a siren to sound if flooding rock wall set ups to harbor away from flooding.

Storm Recovery and Resilience Consultation #2018

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Your feedback

Local Board: Devonport-Takapuna

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?**

See attached

Submission on Storm Recovery and Resilience Consultation And Making Space for Water

[redacted] (*PhD Tor*)

[redacted]

I agree with the overall strategy for Making Space for Water (Storm Recovery and Resilience Consultation) and the aim of making Auckland a spongy city. Past research shows that the human dimensions of flood problems are equally if not more important than the engineering and more lately ecology problems. In this regard, your 'Community-led flood resilience' seems likely to fall short of what I think is required.

In my response, I do not address in turn the nine topics for 'Making Space for Water'. Rather, I draw on my years of research experience with human response to floods, in order to highlight matters that I think ought to be considered by Auckland City Council's response to its flood problems.[1]

I do this by first reporting on my recent case study of the Wairau Valley, North Shore. Annexes to the case study highlight four topics that I think are critical for better floodplain planning (see below).

It is nearly 40 years since publication in 1986 of my NWASCA-sponsored book *Creating Flood Disasters? New Zealand's need for a new approach to urban flood hazard*. It showed that while the 1926 *Town and Country Planning Act* enabled councils to manage land use on the nation's floodplains, it was poorly implemented. Instead, councils opted for publicly funded flood control measures and when they failed, post-disaster relief. After highlighting the history of urban flooding in New Zealand, including land-use changes in relation to flood patterns in 17 case studies, I showed how most people had a poor understanding of the coming of floods. The book then highlighted the range of adjustments to floods available in NZ, explaining why flood control measures and post-disaster relief were favoured over land-use and building management. The book ended with a raft of recommendations in the hope that central, regional, and local government would bring about the changes needed for reducing the potential for future flood disasters in our towns and cities.

Regional and urban disasters in the last few years show that the lessons of yesteryear were not well-heeded by our local councils. This culminated in the disasters of 2022 and 2023.

The development of Wairau Valley in Auckland over the past 40 years is just one case from dozens that could be used to highlight decades of poor planning leading to recent flood losses.

After highlighting issues in the Wairau Valley case study, I focus on four aspects of flood-loss reduction, in order to highlight what I think decision-makers in Auckland City Council need to grasp ahead of completing its 'Making Space for Water' programme. They are: 1) much better communication of flood frequencies to user groups; 2) greatly improved land use planning and building design; 3) flood resilience and managed retreat (coming to grips with hazard and choice freedoms in liberal democracy); and 4) creating an integrated interdisciplinary flood hazard and climate change unit in council. Each Annex ends with recommendations.

****

[1] Since 1966, my main areas of research until retirement from The University of Waikato in 2006 were human response to natural hazards and environmental planning and governance. My flood hazard research involved team-work in USA (1971-1974 and 1991-1994), Australia (1986-1994), and NZ (1996-2003). My most important flood hazard research in NZ was for the National Water and Soil Directorate between 1978 and 1986. It resulted in the book *Creating Flood Disasters? New Zealand's need for a new approach to urban flood hazard*. In 2008, I reviewed for a symposium of river engineers progress on flood problems since 1986 and concluded that we are still creating flood disasters. Three years prior, my paper "Hang-ups in Flood Hazard Planning" in *Planning Quarterly* explained in 10 main points why that was the case.

Creating Flood Disasters: Myopic Planning in Wairau Catchment on Auckland's North Shore

In 1966 the 11.4km^2 catchment of *Wairau Stream* was mainly forest, scrub, and farmland. Within just 10 years, urban uses occupied three-quarters of it, despite significant flooding in 1953.

When serious flooding occurred again some years later, hydrologists advised that urbanisation had increased the size and number of floods and made short-duration rainfalls more effective. In other words, the greater the area of paving or impervious cover in the catchment, the faster the flood flow arrives downstream. **In response, the council set out to further control the streams, but not it seems land use and building design**.

Streams were either diverted underground through culverts or constrained by concrete-lined channels aimed at moving water efficiently through the catchment. As well, a half dozen or so areas were zoned as multi-purpose recreational parks and ponding areas, including a dry pond at the large Sunnynook Park and wet pond along Link Drive with a control gate.

About 7 years ago, work started on up-grading some of the ponding areas. (I assume this was under the Making Space for Water programme.) The large Sunnynook Park playing fields (a swamp drained for a pig farm in earlier years) were excavated about 1 metre deep then resurfaced for continued sport and recreation. The aim was to enhance the Park's role in holding excess flood-water before its slow release – so as to avert downstream systems being overwhelmed.

While the *30 Year Sunnynook Plan* (2018) says much about the multi-functions of these ponding areas (aesthetic appeal; safe and attractive walking and cycling pathways; playing equipment; and playing fields), **it says nothing about their flood retention function. Nor what citizens should do if flooding overwhelmed the ponds.**

Meanwhile, for years, a host of residential and commercial buildings were located close to the channelised *Wairau Stream*, almost all of the latter with floors at ground level. A few more recent buildings, almost exclusively housing, were elevated. But overall, **it is apparent that for a very long-time councils (old and new) saw little reason to use subdivision and building regulations to help reduce the potential for flood losses**. Quite the contrary, resource consent decisions seem to have increased the catastrophe potential. All this despite long-standing planning legislation aimed at reducing natural hazards, including floods. This hazard and choice perception issue is highlighted in Annex 3.

I assume that late in the day, the flood disaster potential from *Wairau Stream* was highlighted by storm-water engineers leading councillors to approve enlargement of the ponding system, as already explained. This it was hoped would avert flood disasters. It did not.

Anniversary Day Floods

By 9 p.m. on Anniversary Day Friday 27th of January 2023 after several hours of very intensive rainfall, Sunnynook Park was brim full and overflowing. How this might have looked is indicated by photos of flooding over 4 months later on the 9th of May 2023 (Figure 1A and Figure 1B next page).

After the torrential January rains, I walked down-hill from home about 10am to Sunnynook Park. Imagine my surprise to find not one drop of water held in the huge ponding area. The underground drainage from the park and adjacent channelised stream and culvert had enabled storm waters to gush on down the system (Figure 2 below). It had me wondering whether, if feasible, an automated flood gate at the Sunnynook playing field's culvert might have slowed the flow. Or was this a rainfall beyond affordable controls?

Behind nearby Sunnynook Bus Station the channel and culvert were also greatly overwhelmed causing flood waters to run back east down either side of Sunnynook Road flooding many houses, and some shops, including over 30 apartments and management block in Park Lane Retirement Village. It met waters coming the other way from the overflowed southern berm of Sunnynook Park.



Fig. 1A: Viewed north-west, Sunnynook Park dry pond filling up at noon on 9th May 2023. Green arrow points to culverts gushing water into the concrete-lined creek (red line) to drain into culvert arrowed white behind green knoll.



Fig. 1B: Viewed south-east, Sunnynook Park flood-water within 1.2m of overtopping southern berm (arrowed red) into Sunnynook Road on 9th May 2023. Within 90 minutes the pond was empty.



Fig. 2: 10.30am 28th Jan., workmen clear debris from Sunnynook Park culvert (arrowed). Water reached near top of fence-line (red line). Flooding on 9th of May reached low concrete wall (white line).

Further downstream, both old and new detention ponds were overwhelmed and water spilled onto Link Drive and Croftfield Lane damaging property as it went. The culvert at the south end of the new Croftfield Lane wetland pond was overwhelmed, and water spilled around the Tristram Road-Wairau Road intersection inundating businesses (Figure 3 and 4).

Further south the torrent of water came out of the large concrete-lined channels (Figure 5 next page) on either side of Wairau Road flooding inside almost all of the 100 or so businesses down two long blocks south of Tristram Avenue (Figure 6 next page).



Fig. 3: North end Croftfield Lane wetland pond. Red line shows flood level 27th Jan., 2023. Behind trees at mid-left, Harvey Norman's store flooded knee-deep.



Fig. 4: South end Croftfield Lane wetland pond. Red line shows flood level 27th Jan., 2023 flooding nearby businesses a metre deep.



Fig. 5: On a dry day, example of channelization of *Wairau Stream* along each side of Wairau Road

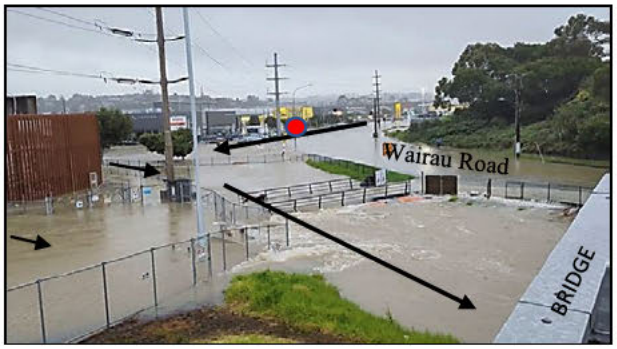


Fig. 6: South end Wairau Road showing direction of flows from concrete channels evening of Friday 27th Jan. 2023. Red dot is location of channel Figure 5.

Once back to normal, I talked to some shop staff. Most had a poor understanding of the 'coming of floods' (see Annex 1 on the 100-year flood). Near the Tristram Street-Wairau Road corner, a shop owner explained how water came in cracks around the back door filling the shop a 1/2 metre deep. It also likely flowed round to Wairau Road and in through the closed the front door, but by then he had evacuated. **It is not hard for me to conceive of the shop being retrofitted to enable emergency flood-proofing of doorways and other water entry points**. Across the road, a very large storage building was completed a year ago. It sits on land that appears to have been raised about 0.5 metres. Its floor is raised another 1.5 metres. It did not get flooded inside - unlike almost all 100 businesses south along Wairau Road.

About midway down Wairau Road, a business had 2 metres of water inside the shop. The respondent said: 'It's central government's fault'. Most assuredly it was not! Better to have pointed the finger at the local council and building developer. Another owner at the south end of Wairau Road said: 'By midnight water was chest high. When the level in the creek nearby subsided, the large front doors were opened and water from inside the shop ran out.' **This seems to me like the reverse of flood-proofing!** (See Annex 2 on Land use Planning and Building Design.)

Nearby, a large supermarket was also flooded inside. It sits on land that slopes slightly down (yes, sloping down) from the edge of the channelised *Wairau Stream*. Surely the site ought to have been land-filled prior to building, which then ought to have been permanently flood-proofed. I am moved to ask: **'What were the developers and resource consent officers thinking?'**

When flooding threatened again in early May, I observed sandbags being deployed to avert water entering the store. Why was this emergency flood-proofing measure not used by this and other businesses in the January flood? **I surmise that over the years a flood preparedness and education programme for these floodplain occupants was never developed and implemented by the local council, nor I guess for any other area of Auckland.**

Further south at Waterloo Road in Milford, buildings were flooded, including a recently built management block raised above the planning flood. It failed when water entered the building almost a metre deep because it was not flood-proofed.

On down valley in the Alma Street and Nile Road area of Milford -- flooded in 1950s and again some years later -- homes and apartments old and new were flooded from both the concrete-lined *Wairau Stream* and overwhelmed underground storm-water system (Figures 7 and 8 below). While most houses and single-story apartment blocks were 2-3 steps above ground level, unbelievably many were not – even on the bank's edge! A block of six apartments nearby was raised six steps above ground, but water went inside knee-deep because the building was not flood-proofed. Some houses with garaging beneath the floor level seemed minimally affected.

A home-owner in Alma Street (Figure 8 above) explained how storm water spouted from the culvert on the road verge and flooded his home inside. An hour later it was worsened by water from nearby channelised *Wairau Stream*.

Again, these examples raise questions about the role of successive city planners and resource consent officers and whether or not they talked with water engineers about floodable locations and the need for flood-proofing of consented buildings, which an integrated and interdisciplinary approach would demand. (See Annex 4 on this need.)

This observation applies to other tributaries of *Wairau Stream*, nowhere more so than the pond in Rewi Alley Reserve, which was overwhelmed. Its waters flowed downhill into a small concrete channel beside Totaravale Reserve flooding housing trapped against the high berm of the Motorway. Why the houses placed against this berm were not elevated and flood-proofed is beyond me. **But after several weeks reviewing flooding in Auckland, this sort of 'suicide subdivision' seems to be common.**



Fig. 7: Nile Road, Milford, flooded by *Wairau Stream* in July 1953 (TCC photo).



Fig. 8: Off Nile Road, Alma Street clean-up after 2023 flood. The bridge is behind photographer.

Yet More Floods

Some 3 months after the disastrous late January floods, forecasters warned on 30th April of heavy rains and likely flooding. A drive-by early next morning along the aforementioned streets showed only one business had sand-bagged its entrances to avoid being flooded. A week or so later, another deluge led to warnings. This time a drive-by revealed at least a half dozen businesses had sandbagged doorways, including at Harvey Normans (previously flooded inside) where water from Cornfield Lane wetland pond reached the footpath (Figure 9).



Fig. 9: Harvey Norman's precautionary sandbagging of doorways, 9 May 2023. Wetland pond arrowed behind trees.

This Wairau Valley case has shown how councils have over the past 70 years (much of it in the past 35 years) enabled land and building development alongside a heavily modified, but readily floodable, stream channel.

This is not to say that development ought not to have taken place. Rather, council ought to have highlighted for home and business owners the levels of risk and ways in which it could be mitigated through land use and building measures, especially emergency and permanent flood-proofing, thereby making buildings resilient against flooding. I doubt this option is currently being considered under your "Community-led flood resilience" proposal.

Following are Annexes 1 to 4 with Recommendations for action

Annex 1

COMMUNICATING FLOOD FREQUENCIES TO USER GROUPS

For years, the 'return period' (e.g., 100-year flood) has been used to express occurrence of floods. Yet it has been long known that the 100-year flood term confuses most people. Indeed, over 40 years ago, cross-cultural research in 23 countries, including New Zealand, showed nearly 90 percent of people are mis-led by the 100-year flood 'return period' statement. They think if such a flood has occurred, it will not happen for another 100 years. But it has the same chance of happening the next year and so on.

However, studies also showed that if the coming of floods was expressed as a 'probability statement' (e.g., 1% flood for 100-year return period), well over 75% of people understood what it meant.

Better still, it was found that if the 100-year (return period) or 1% (probability statement) was related to a planning time-frame of ordinary people (say 10 years), it was even more meaningful. In that case, the 100-flood or 1% flood would have around 1 in 10 chance or 10% chance of being equalled or exceeded in a 10-year period (see Figure 1.1 below).[2]

Let us accept that planning 10 years ahead is a reasonable period of time for individuals living and working in flood-prone areas. And for council staff and politicians let us suppose a 50-year time period is more appropriate for urban planning. Indeed, in these times of global warming and sea-level change a 100-year time horizon would seem important for national and regional planning.

For individuals, the 100-year flood has an almost 10% or 1 in 10 chances of happening in the 10-year period (red line in Figure 1). For councils it is about a 38% chance of happening in the 50-year period (blue line). And for the nation state and regional councils it is about 66% chance of happening in the 100-year period (green line). These three return periods and their related probabilities are shown by vertical lines in Figure 1.1.

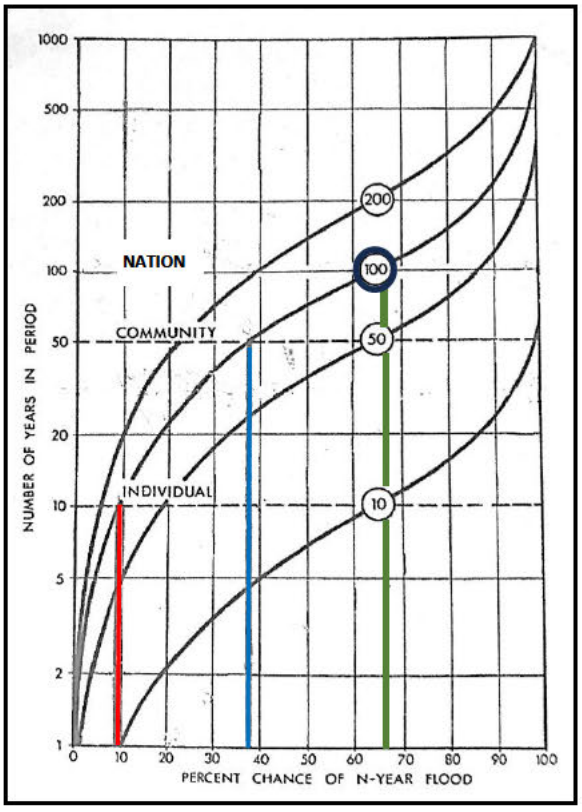


Fig. 1.1 Graph of % probability of the N-year flood occurring in a given time period. Individual (10-year red), community/council (50-year blue), and national level (100-year green) time-frames denoted on graph.

Not until quite recently have specialists in New Zealand begun including 'probability statements' on flood maps. But they still do not express these values in a form that is relevant to the planning time-frame of ordinary people. This includes the recent Auckland flood maps.

After repeated floods in Auckland in 2023, the chairperson of WAIF (West Auckland Is Flooding) says people do not understand what the 100-year flood means. And a resident in Swanson is reported saying: 'when he bought the house the LIM report mentioned the property was prone to flood. But it said the risk was one in a hundred years so it was acceptable. This year it happened every month.' It is likely that most resource consent officers in councils, like most lay people, do not understand the 'return period' statement either. Clearly change is needed.

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[2] See Chapter 3 'Flood Perception', Chapter 11 'Flood Hazard Education', and Chapter 14 'Recommendations for Action (I.2)' in *Creating Flood Disasters: New Zealand's need for a new approach to urban flood hazard* published by NWASCA in 1986.

Recommendations

My recommendations to Auckland City Council (and others) for communicating flood frequencies to user groups (lay public, property developers, and others) are:

1) in all publicly released forecasts, maps, and plans, etc., use flood statements that reflect the planning horizon of ordinary people. If 10 years then the 100 year or 1% flood has 1 in 10 or 10% chance happening in any year. Apply this principle to the recent 200-year rainfall/flood.
2) in LIM reports to intending property owners, use flood statements that reflect the planning horizon of ordinary people and make that requirement retrospective back to 1987 when LIM reports were first enabled.
3) on maps and LIM reports show the above ground height the planning flood (e.g., 1% or 100-year flood) is expected to reach.

Annex 2

LAND USE PLANNING AND BUILDING DESIGN

The illustration in Figure 2.1 next page shows the difference in disaster potential on the floodplain between non-regulated land use (top) and regulated land use (bottom). Central government enabled councils to manage land use when the *Town Planning Act 1926* was passed nearly 100 years ago. Uptake was poor, so Government made preparing land use plans a requirement in 1953. After 20 years, half of councils did not have an operative district plan for regulating land use.

This was disturbing given that in the 1960s, councils were required to map and disclose natural hazards (like flooding) in their district plans and to "provide as far as practicable, against land being used for which it was not suitable … unless otherwise mitigated."

But in the 20 years to 1983, one-third of the 103 flood-prone communities with more than 1,000 people in New Zealand did not have flood maps in their district plans, making land use management for flooding well-nigh impossible.

Some countries require buildings to be either elevated above the planning flood (often the 100-year or 1% flood) or be made water-tight. In USA today, these are known as wet flood-proofing and dry flood-proofing, respectively. At the bottom left of Figure 2.1 below is noted a flood-proofed (i.e., flood-resilient) building with its water-tight lower level emersed in flood water. Design for a dry flood-proofed industrial building is shown in Figure 2.2 below.

I first became aware of this practice when in North America in the early 1970s. Nowadays, USA requires any new developments on the 100 year or 1% floodplain to be flood-proofed by being either elevated or made water-tight. In doing so people can reduce their flood insurance premiums.

Research on flood-resilient new and existing homes in Queensland, Australia, shows flood-proofing is a viable option for flood events up to and including the 1% (100-year) flood. What is more, the "Benefit Cost Ratios range from 1.9 to 19.6 and the average payback periods range from one to 12 years depending on building type, treatment adopted, and likely frequency of flooding."

Although flood-proofing manuals have been available overseas for many decades, there were none in New Zealand until very recently when BRANZ (Building Research Association of New Zealand) signalled their need. Alarmingly, staff in civil engineering departments of our universities recently informed me that they have do not research on or teach about water tight building techniques.

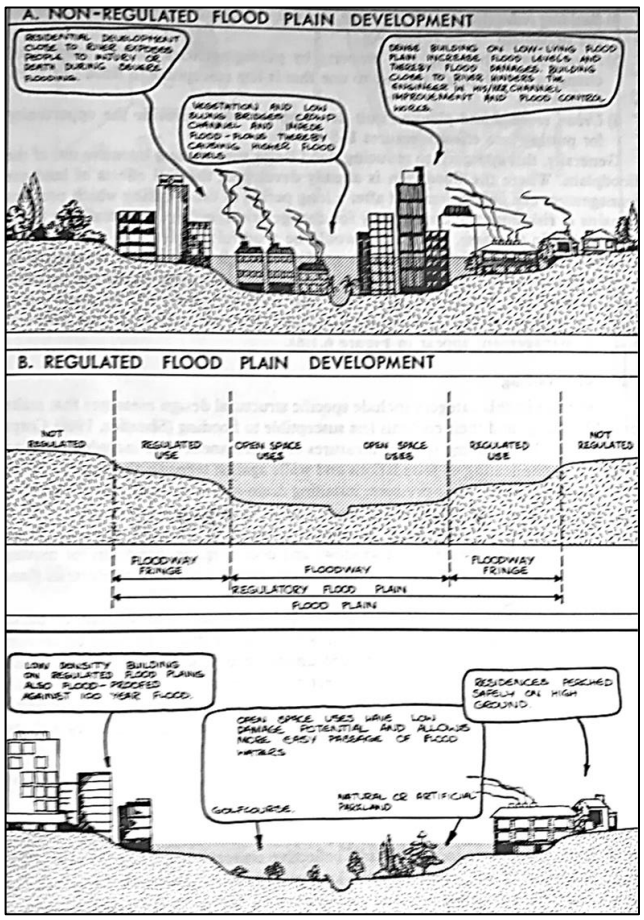


Fig. 2.1: Left - Cross-sections of floodplain development in an urban community (A) and its regulation (B) (Ericksen, 1986, p. 103).

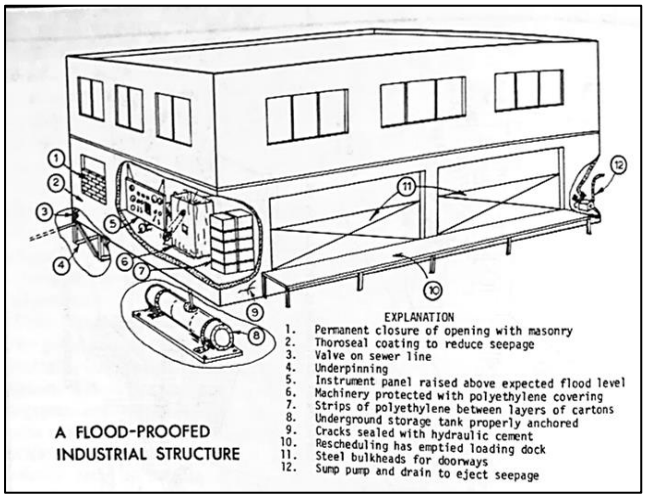


Fig. 2.2: Example of a flood-proofed industrial building (Ericksen, 1986, p. 106, from Sheaffer, 1960, p. 24).

This helps explain why buildings consented by councils in flood-prone areas have not been required to be made flood-resilient or water tight. And that is an extraordinary outcome for such a flood-prone country as New Zealand,

In recent years, some NZ councils have encouraged the elevation of buildings above the level of the planning flood, especially for housing. While this can help reduce losses, **it is always possible that the raised floor levels will be reached by a larger than planned for flood (as in recent Auckland flooding). In that case, the overall building should be made flood-resilient.** (Figure 2.3).

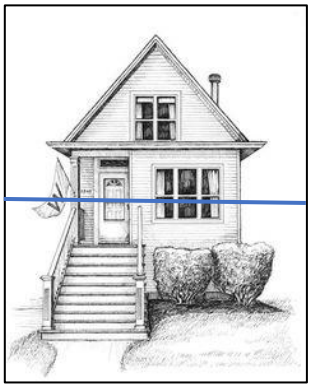


Fig. 2.3: Above - elevated floor levels fail if the design flood is exceeded. Better to flood-proof the building and leave near ground level.

Recommendations

1) given the aversion of local politicians and property owners to land use and building management, emphasis ought to focus on building-design aimed at making buildings water tight. Council should approach civil engineering departments in local universities to propose joint venture programmes aimed at developing building techniques for flood-proofing existing and future buildings.
2) given that the rising cost of disasters is problematic for the insurance industry, Auckland Council ought to forge an alliance that leads to help with funding research and implementation of flood-proofing buildings.

Annex 3

FLOOD-RESILIENCE - MANAGED RETREAT CONUNDRUM

Given recent flood disasters, there are calls for 'managed retreat' from vulnerable areas and making communities more resilient to flooding. This echoes Recommendation 22 in *Creating Flood Disasters? New Zealand's need for a new approach to urban flood hazard* submitted to government 40 years ago.

But so many vulnerable areas have been created in Auckland and throughout New Zealand over the decades, that it is now difficult to do much more than remove the very worst affected buildings as and when disasters occur. And, in anticipation of flooding, try making some damaged buildings more resilient using flood-proofing methods – an option yet to be implemented in New Zealand. Beyond that, the dollar and other costs would seem to be too great for wholesale retreat from vulnerable floodplains.

And so, any house elevation as part of Government's recently released disaster recovery plan in Auckland and elsewhere, ought to include houses being made flood-resilient, i.e., water tight. In that case, it might be more effective to put the cost of raising homes into them being flood-proofed and keeping them at the typical two or three steps above ground level.

Except for people worst hit by flooding, implementing a flood-resilience and managed retreat programme will meet stiff resistance from other property owners. This conundrum can be considered under two topics: 1) hazard disclosure and property values; and 2) freedom of choice in a liberal democracy.

But first a much-used summary of the range of adjustments to floods. And by extension, flood hazard and choice perception.

Flood Adjustments Types

Over 80 years ago in USA, a three-fold classification of adjustment to floods was developed: 1) modify the cause and effects of floods; 2) modify the flood-loss burden; and 3) modify damage susceptibility. This was used by me in 1966 to classify adjustments to floods in New Zealand and again in my nation-wide study 20 years later. The results of the latter are encapsulated in Figure 3.1 below.

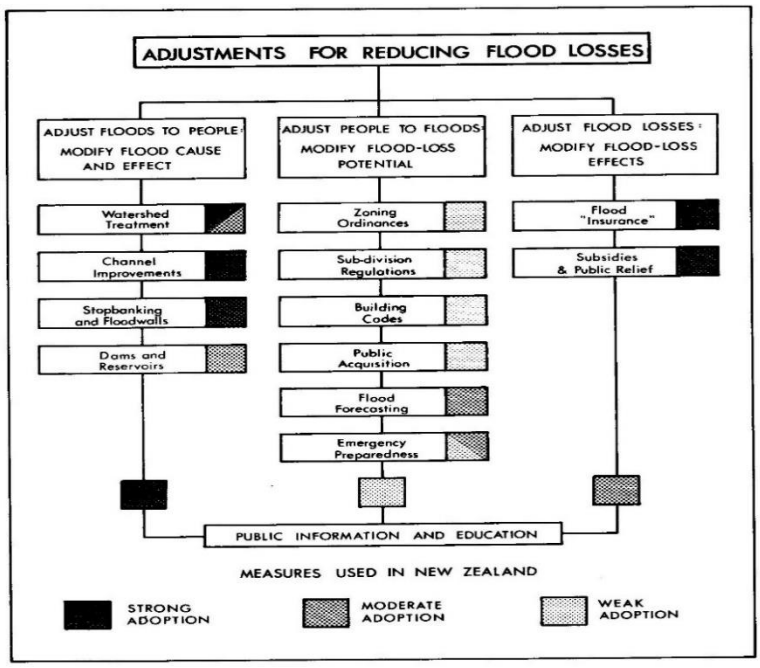


Fig. 3.1: Adjustments for reducing floods losses: adjust floods to people; adjust people to floods; and adjust flood-loss effects (Ericksen, 1986, p. 240).

The darker the shading in an adjustment box in the chart above, the more heavily it was adopted in our flood-prone communities. Clearly, the weakly adopted adjustments were those aimed at modifying flood-loss potential through the land-use and building management options, including flood-proofing buildings highlighted earlier in Annex 2.

New Zealand society came to strongly favour river control works, storm water drainage, and post-disaster relief and rehabilitation because they were incentivised through relatively strong institutional arrangements and subsidies from central to local government. Adjusting people to floods was weak because local ratepayers, developers, and politicians disliked the regulations needed for making flood-sensitive land use and building changes. Some reasons for the latter are summarised below.

Hazard Disclosure and Property Values

Generally, local politicians and property owners believe that by making flood-hazard known through plans and especially maps, property values will be adversely affected. Indeed, this was a driving force behind the exclusion of flood maps from a number of district plans in the 1990s.

International research shows that hazard disclosure does not generally have a lasting adverse effect on property values. In New Zealand, this conclusion was tested in three floodable communities in 1992.

For Paeroa, the results showed that: the impact of flooding on property values was temporary; the repairs and renovations made to damaged houses increased values; and either the flood was seen as a once in a lifetime event or new flood control works had provided security from future flooding. All these factors had minimised any hazard-related differences between house values.

For Te Aroha, results showed that following the release of a hazard designation map, no significant differences in the selling process were documented. Analysis of selling prices for houses before and after disclosure indicated no significant influence from locational characteristics. Instead, it appeared that normal market fluctuations dominated, as was the case before the disclosure.

For Thames, where flooding was more frequent than in Paeroa and Thames, and where an integrated flood hazard management plan with maps delineating at risk areas had been published, neither flood experience nor hazard disclosure had any depreciating impacts on affected housing.

The lesson is that the often-reported view that hazard disclosure by event and/or mapping causes property values to fall seems to be something of a myth. The sooner that this is widely known and accepted amongst councillors and their influential constituents, the less resistance there may be to flood hazard planning and management. This resistance pertains to not only planning constraints on property, but also notions of choice freedoms in a liberal democracy

Freedom of Choice in a Liberal Democracy

Development of a liberal democracy since the 1980s favours more than hitherto individual choice and market forces over social intervention, especially regulation. Making good choices requires appropriate information, which is consistent with notions of free choice and individual responsibility.

Education programmes are costly requiring sophisticated knowledge and skills for their development and delivery to be effective. This is hard given the nature of flood hazards and the advantages and disadvantages of various adjustment types.

I have been into many towns after flooding to find on average 75% of home-owners and residents did not know they were at risk from flooding. Even in communities where people lived nearby a stop-bank.

It seems too often that it’s the council engineers who have the necessary information for an education programme. But too often they have not the knowledge or skills-set to develop a community outreach programme. Sometimes it has been a problem of insufficient information coming from regional to local councils.

Information to people at risk in and of itself does not necessarily does not shape attitudes to flood problems leading to flood-compatible actions. This is because they compete with other clusters of beliefs and attitudes.

Where information and education programmes are effective is in helping people realise goals to which they are already favourably disposed. But even if attitudes do change it may not lead to flood-wise actions. People may not know how to act or if they do, they may be constrained by various social and cognitive factors.

So, providing a map in a plan or at a regulatory counter showing property owners or prospective owners where flooding may occur is not all that helpful, especially in the form of the 100-year flood return period.

A flood hazard and education programme must be more sophisticated than that, as the foregoing suggests (flood-proofing; insurance; seeking alternative flood-free site, etc.).

And, its not just property owners to whom it is addressed, but also unsuspecting renters of houses and commercial buildings.

The policy needs in order to deal with the issues noted in this Annex 3 are in part addressed in the Annex 4 below.

Recommendation

1) Auckland Council should draw on the methodology used by Burrell Monz for flood and map effects on property values and apply it to some selected case-study areas of Auckland. The results should then be publicised. (See Montz, B. E. (1992): *The Impact of Hazard Area Disclosure on Property Values in Three New Zealand Communities.* Boulder, Colorado: University of Colorado, Institute of Behavioral Science, Natural Hazards Research and Applications Centre, Working Paper #76, 45 pp.).

2) Auckland Council seek partnership with and funding from major property organisations to help fund and implement Recommendation #1.

Annex 4

CREATE AN INTEGRATED & INTERDISCIPLINARY FLOOD HAZARD & CLIMATE CHANGE UNIT IN COUNCIL

Our research on plan quality some 20 years ago highlighted the 'silo effect' in councils dealing with flood and storm-water problems. This worsened disaster potential. It is assumed this problem persists in councils today. If so, it suggests a need for staff in council to work together in an interdisciplinary manner, in order to achieve a multi-faceted integrated flood-loss reduction programme.

The Making Space for Water involves engineers and ecologists. Increasing community resilience surely extends to other issues and the disciplines and other flood adjustments I have noted and raised above. It therefore seems important, for engineers and ecologists to be joined not only by town and emergency planners, but also cognitive, behavioural, and community psychologists, and others, in order to develop an integrated flood-loss reduction and education programme. Other disciplinary skills will also be needed. This seems all the more important given climate change and the prospect of larger and more frequent floods.

Such an interdisciplinary team ought to examine the full range of adjustments to floods and their contributions to enhancing or decreasing catastrophe potential.

Ideally, the completed integrated plan would highlight for decision-makers options for lessening catastrophe potential on flood-plains and the coastal margins. Reducing catastrophe potential inevitably

requires focus upon land use management and building design options. But as noted in Figure 3.1 above, the former is all too often avoided, while the latter is not even available. Perhaps a focus on building design would be more appealing to at risk property-owners.

Recommendations

1) given the anticipated effects of climate warming on rainfalls and sea-levels, council should create an integrated "climate change and flood hazard unit" staffed by experts from relevant disciplines, in order to better plan for the future.

2) having established such the unit and its programme of policy development and implementation, use a self-rating programme to test how well the flood hazard programme has progressed towards achieving objectives and outcomes after 5 years of operation.

3) Over time, extend the "climate change and flood hazard unit" to include related hazards, such as land-slip, coastal erosion and sea-level rise.

****

[redacted] *PhD (Toronto)*

When at The University of Waikato, I was: Head of Geography (1984-1987); Founding Director of Centre for Environmental Studies (1990-1996); and founding of the financially self-supporting Director of International Climate Change Institute (1996-2006).

Storm Recovery and Resilience Consultation #12

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: Franklin

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

Land Slide on my property

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

Affected by slips or landslides, No damage to my home

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

I have had no assistance

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

Having an online source that clearly states what I can do and who to contact.

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

Better/ regular maintenance of storm water 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 you need to be very careful that money is not wasted on huge amounts going to consultants. Getting the work physically done is far more important than talking about 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?**

The damage to my property was largely due to my neighbour not clearing the water channel on their property, Im not sure what can be done about this, but I think land-owners need to take this task more seriously.

Storm Recovery and Resilience Consultation #36

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: Franklin

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

Roof and gutter unable cope with extreme rain in short period time. Leaked through roof and damaged bedroom, hall, and living room. Neighbours flooded garden and garage. Landslips 5 meters on adjoining reserve. Road flooded and impassable from Pukekohe to Waiuku. Regular flooding main roundabout on King Street in Waiuku.

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 help from council. Insurer slow and limited cover.

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

Better storm water management. Council insisting developers/builders putting in storm water management on new properties. Example - at 95 Sandspit Road Waiuku - 4 houses being built on half acres but no storm rain drainage being built. Flat driveway which will flood in heavy rain but no new drain added.

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

Better water management. Better storm infrastructure. More drains. More floor plains. Make builders and developers pay for and put in drainage and storm water infrastructure. Better storm plans.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 waterways. Clearing drains. Forestry clearance rules.

Storm Recovery and Resilience Consultation #43

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

in LAW counsel

Local Board: Franklin

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

Badly losses to my trade more than one million

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?**

NOTHING

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

INSURANCE and accountability as you are weather modifying and over developing lands and poorly managing to create serious damages Why are you making decisions base on financial gains

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

Stop creating this weather pattern

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 have over build without proper nor experience were has the money gone

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 legal practitioners making decisions get real people to sort out your errors

Storm Recovery and Resilience Consultation #50

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: Franklin

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

We weren't affected but the community had a few power outages.

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 power was restored but as there was no damage we didn't need any help.

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?

More work on clearing water ways - better roading - better maintenance and of existing storm water systems. Council regs around building to close to cliff tops.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 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?

Storm Recovery and Resilience Consultation #159

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: Franklin

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

Mostly just stopped work projects.

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?**

Getting back to work projects.

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

Reducing council rate fees.

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

Higher rates to those properties at high risk and lower rates to properties at low risk of flooding and other 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?

The budgeted costs should come from government - taxpayer as we pay a lot of income tax for these kind of things. Do risks assessments and only increase the rates for the properties at high to medium 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?

Reduce bureaucracy costs

Storm Recovery and Resilience Consultation #262

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: Franklin

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

Couldn't get to work due to trees on road, flooding and banks slipping.

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 cleared has been good but there is still a lot of work to be done and nothing has been started. Several parts of the roads are down to one lane with traffic lights in place which is a waste of money.... Just fix the road and when ever we have more rain we have more issue because nothing has been done to clear the drains properly or fix the banks properly

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

Having all our roads repaired, the banks made safe and all the debris that is left on the side of the road removed also clearing drains would be good too. Making sure the road don't flood

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

Clear drains fix areas that flooded Have people who will communicate with us as soon as there is an issue not days later

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 we have to pay for this - why can’t council cut their running costs - instead of wasting money on new uniform designs and new cars.

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 #273

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: Franklin

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

Our household was reasonably unaffected by the recent extreme weather events, although we did loose a few large branches from trees on our property as well as smaller branches. Our garden became very sodden and is still very wet. There was a few families connected to my workplace that live in Pukekohe that I know got flooded to the point that they had to find alternative temporary accommodation and now need to buy a new 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?**

Supporting each other where necessary and making sure our neighbours are ok.

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

To know that those that had been affected got the necessary support they needed.

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

Trees are a major part of the environment and the fact that over the years, more trees have been felled to make space for houses has contributed to the changes in our weather system.

Trees are a vital part of our eco system - they help absorb pollution from the air and provide us with oxygen to breath; they stop soil erosion and prevent floods, they also filter water and provide protection from winds.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 all very well creating different paths for the water to follow, but we need to try and put right the reason why we have to do this and created the problem of what we did to create 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?

Make those responsible for the slash that happening down the country and created that problem in not just flooding but soil erosion and more.

#273

Storm Recovery and Resilience Consultation #319

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: Franklin

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

Travel difficulties

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?**

Don't know. The local care home was flooded and the pavements destroyed. They are still not repaired as of August although ther are plenty of cones.

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

Don't start something until you can finish it.

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

Clear the 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?**

Clear the drains!!!

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

Clear the drains!!!

Storm Recovery and Resilience Consultation #384

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: Franklin

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

My house is on a sloping hill and was not affected by flooding. The rods to work etc was flooded in few areas and affected our travel.

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 badly affected. The floods subsided on the lower parts of the roads and travel eased. More pot holes appeared though.

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

That Council has robust plans to maintain waterways. Some Culverts and bridges need enlarging/upgrading. Also some parts of roads need building up and most of all all drains and cesspits etc need regular cleaning/maintenance.

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

Observe and look at bottle neck areas and upgrade and maintain. Also stop building sites at flood plains and slip 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?

Please do prioritize based on troubles we have had and tackle the important ones 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?

Projecting future potential flood paths and capacity checks based on what infrastructure has been added in the past 20 years.

Storm Recovery and Resilience Consultation #408

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Your feedback

Local Board: Franklin

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

A rental property was flooded and took 5 months to get it habitable again.

At home (rural), high waters resulted in loss of a water pump and an electric fence unit. Lost electricity for about a week with Gabrielle.

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?**

Myself and good neighbours

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

Responses from inquiries to Council, that currently take about a month if you inquire online. IN person at local library - the well meaning people gave me bad information on one topic and declared there were no as built drainage plans for my rental property (later got 3 of them). Phone line - no one picked up in the course of an hour. Also, following the flood - damaged goods were being collected by Council for those without insurance. What

descrimination! If we pay our rates and our insurance we expect some backup. I had to find someone to help me load sodden carpet etc. onto a truck and pay for its disposal and then claim it back.

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

Stop giving out more and more building permits for buildings that don't necessarily cope with severe weather events. Or in places where it really isn't safe to build. High density housing is part of the problem. Improve storm water 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?

Couldn't find the document online. Just like I could not find out how to access existing as-built drainage plans .... took me about 6 weeks to get them via online, phone, in person attempts. Christchurch and Whangarei Councils I could see exactly how to apply for these online. Auckland Council Website - NO, how to apply for a new one, but not how to purchase existing ones (yes, have to pay for it). Additional rates from Aucklanders cannot be the answer to everything. Cut back (cut OUT) on some new initiatives (Brown on TV and the Herald yesterday talking about redevelopment of container terminal area) and deal with core business, like storm recovery.

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 asked for help/direction on how to deal with damage to the Ngakaroa Stream that flows through my property. Large poplar trees fallen over and clogging it up. Also, all manner of trash washed downstream. Was told it was a civil manner between me and my neighbours. I thought the Council cared about natural waterways.

#408

Storm Recovery and Resilience Consultation #440

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Your feedback

Local Board: Franklin

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

Moderate rural flooding and home 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?**

The community support

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

Claims settled for rebuilds/ repairs. Somewhere to live

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

Maintain clear drainage and culverts.

Cease building on flood plains. Tighter controls on forestry slash

Support to existing Maraes to engage as evacuation centres. Places of safety designated and identified for future shelter in 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?

Very widespread. Not sure if all of these will ever get finished. The next flood could be around the corner and Auckland is not 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?

Identifying places of shelter for each suburb and making sure that people know where these are.

Smart housing development plans, identify land that is a flood plain

#440

Storm Recovery and Resilience Consultation #447

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Your feedback

Local Board: Franklin

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

Slips, trees downed, FLoods

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 teamwork. We got together and cut downed trees asap so that the power company could access damaged lines

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

Much quicker clearing of the debris caused by the flooding of the Wairoa Stream on Hunua road...

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

Communicate asap via their emergency phone alert and make sure the alert actually works. Do you realise that once you've read it, the message disappears off your screen and you can't find it again? If this is an iphone thing, tell people where they can retrieve the message later if they need to re-read

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 infrastructure is clearly outdated and needs updating

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 #448

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Your feedback

Ramarama Residents and Ratepayers Association

Local Board: Franklin

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

Wet ground, but no real consequences

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?**

Ramarama got as much rain and wind as anywhere else in the Auckland region but was not affected by the cyclone.. The reason we were not affected was because the bulk of Ramarama is on high ground, with more than adequate local drainage through the several streams that run through the area, and does not have consented building built in flood or slip areas, however I note council has permitted potential future home site on steep site that in my view should not have been consented.

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

#448

Auckland council takes about $20 million Pa out of Ramarama, but gives nothing back to the area.... I believe this is a breach of the local government act, and the area should receive back into it a significantr amount that helps the community remain cohesive and strong.

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

Change the unitary plan, to include building on close in areas like Ramarama, particularly on the western side of the motorway, where there is high ground, that has a stable clay base, and does not have fault lines running through it.

It should be done now , not later... council forethought is absolutely non existent, and the planning is extremely inefficient..... This area has the largest aquifer in the Auckland region directly underneath it, and modern dewatering systems negate the need for sewage pipelines, meaning all waters could be returned as clean water to the local streams.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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..... Any country area should retain its rates, and they should be used within the area, not taken for Auckland City use, where bad planning practices have cause city problems... Do not rate country property owners off their land.

Re think how to move excess waters out to sea or into streams that run into the sea, without the high public cost you seem to think is acceptable.... It is not...

Effectively there are only six areas that are likely to be affected by future flooding and all must have have natural water courses prior to development.... So I suggest that a minimum number of houses...say 160 may need to be bought and moved to provide access to flood flow zones.... excavate open water courses through these old flood zones at low cost of $2.5 million per Km and you will find that only the areas closest to the sea will require the flood flow water course to be built.... they are largely there now, but require cleaning and enlargement, allowing water to run faster closer to their outlets.... Approximately only 30Km of flood flow water courses need to be built, and may even be concrete lined with half rounds similar to inverted tunnel walling for a further $90 million.... If it can not be done under that price by a NZ company, then open it ti international tender, and get a Chinese company to do the job.

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.... Restrict all building in flood prone areas, and have planners open their eyes to Auckland sagest ground areas to build on in future..... De centralise and open up Ramarama high ground to new construction, as it will eliminate all future flloding.... And do not allow

any future building in the Drury flood zone, because you... Auckland Council are responsible for creating the current problems encountered through building on unsuitable land areas.

Change your criteria to allow building only on future safe areas.

Storm Recovery and Resilience Consultation #487

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Your feedback

Local Board: Franklin

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

yes flooding and damage to drainage and roading infrastructure.

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?**

free rubbish disposal at dumps made cleanup much easier and allowed us to help others with same problem.

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

getting the roads repaired would help quite a lot

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

Limit additional developments in flood plains, ie takanini new subdivisions

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #506

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Your feedback

Local Board: Franklin

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

Two enormous landslides on our hilly paddocks and one smaller one (all hills had long grass on them) and one slightly smaller one in a fenced off bush area. Our neighbours and family's farm were also severely damaged by enormous landslides. Four landslides on two access roads to Waiuku, the nearest town, two of these reduced Awhitu Road (the main road) to one lane with portable traffic lights. We assume we will probably be coping with these for the next year or two. An epic road collapse and landslide on Manuaku Heads Road which has cut off the residents and the local tourist spot - The Lighthouse - from the rest of the world. Our house, barn and two sheds sustained damage, we are still waiting for our over worked Insurance company to pay out so we can get these fixed.

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?**

Personal resilience, friends, family.

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

#506

When the grass grows back over the landslides and the trees we are growing in pots are planted .

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

Better communications from Council Staff 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?

They seem do-able

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

What about using those pavers which have patterns of openings that grass and wee low ground cover plants eg camomile, can grow in the gaps - in parking areas where it's a known flood prone areas. Would help with the water being absorbed into the earth. I have these in my driveway, they work well and I can safely drive cars, trucks and farm vehicles over them.

Storm Recovery and Resilience Consultation #511

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Your feedback

Local Board: Franklin

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

The roads all flooded and thr damange to the roads has still not been fixed. You seem to have forgot about Franklin

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?**

We need AT to fix the roads and we need the drains to be emptied and not blocked

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

Start fixing things frankin is a mess roads not fixed drains not fixed ect it's a joke

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 everything fixed and stop wasting money on cycle 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?**

Actually do something instead of being all talk

Storm Recovery and Resilience Consultation #531

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Your feedback

Local Board: Franklin

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

Linwood Road (Karaka) overland flooding caused extreme driving hazards. No warning signage, night time.

Glenbrook Primary School: huge flood developed across main road to Waiuku, hard to see at night, stopped all traffic movements either way. Culvert under the road probably totally blocked.

Road from Glenbrook Steel Mill - severe overland flooding, like a river, made the route impassable (was a possible re-route after being blocked at the main road by Glenbrook School)

Howden St Waiuku: people with driveways that sloped down from the road experienced flooding on their properties from the water running down the street from Racecourse 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?**

Good Communications

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

Roads able to be accessed, noting street catchpits being emptied, However noting that the major landslip near Pollok on the Awhitu peninsula remains a threat to the main road. Another slip would cut the peninsula completely off. Note that the major slip of the road on the way to the lighthouse occurred on similar landbase. That apparently will not be fixed for a Long Time.

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

Urban areas: street sweeping to clear rubbish. Empty catchpits more regularly.

Streams - clear debris, clear out build up of sediment, plant more streamside to absorb water.

Roads eg Linwood: prepare routes for overland waterflow that dont go over the road, to keep driving safe. may need new culverts.

Note that the emergency response felt completely absent in the Franklin area, perhaps due to everyone being called out to West Auckland. Auckland needs capacity to respond across the region.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Proposing a high targeted rate for one purpose will impinge on the regions ability to do anything else. Already so much upward pressure on the rating base for many things. Need to keep this proposal at a low rate for a longer time. Consider localised Targeted rate areas to address particular issues.

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

Promote tree planting streamside, and consider subsidising the costs eg help with fencing costs, or plant costs.

#531

Storm Recovery and Resilience Consultation #557

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Your feedback

Local Board: Franklin

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

we had minor flooding underneath our home and in our entry

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

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?**

we just lived with it as it was minor compared to othersnothing comes to mind

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

nothing comes to mind

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

more runoff and better drainage for 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?**

it is hard to plan for the amount of rain we received

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 #595

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Your feedback

Local Board: Franklin

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

Roads flooded and collapsed

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?**

Kingseat road in Te Hihi is still broken

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

Fix the roads and ensure the beaches are not used as the dumping ground for storm water

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

Better Drainage and better subdivision 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?

Auckland council can utilise several financial mechanisms to pay for the initiatives without a knee jerk reaction to increasing rates:

1. Private/ public partnerships for funding infrastructure.

2. Offshore some of your internal back office operations for financial efficiency.

3. Reduce operational costs by reducing staffing for in back office administrative and support areas, project managers and business analysts.

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

Subdivision planning needs to be more intensive with ground works and drainage. We have to stop building houses in bad places.

#595

Storm Recovery and Resilience Consultation #618

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Your feedback

Local Board: Franklin

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

Still affected. Linwood road still has temporary one way traffic lights (which fail frequently rendering serious crash risk in an 80km area) response time ny traffic management is now... days. Someone will crash eventually. Apparently though, Council has plenty of resource for new speed cameras and their accessories (crash barriers, slip lanes and concrete pads).

The road is still in dire need of resurfacing. This means I have to wait until it's light to dodge all the potholes before going to work in the morning to avoid damage to my vehice.

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 helped each other. We'd very much like our rates worth now. FIX THE ROAD.

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

Fix the road. Fix the road. Fix the road.

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

Make residential developers submit and prepay for services, drainage and roading before re-zoning and granting resource consents. Also, perhaps ratain land as sponges for all the water. In CBD and Urban areas upgrade water capacity and treatment facilities. Then also install rain gardens and other prevention controls.

Reassess flood prone areas and stop granting resource consents for that land.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Strategic funding is key. Auckland ratepayers aren't an infinite source of income, especially when urban sprawl makes the problem bigger.

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 #628

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Your feedback

Local Board: Franklin

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

The Awaroa Stream next to my house flooded. My house was flooded. It has taken me six months to get back into my house. I have built a bund beside the creek at my own expense. I am replacing the wooden fence beside the creek with a retaining wall at my expense. The insurance did not cover these expenses.

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?**

Friend and family. The council has done nothing.

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

If the council had helped out with the expense of building a bund and retaining wall. The reason I was flooded is because council let subdividers run the run off from new subdivisions into the Awaroa without widening or dredging it. Now the creek floods whenever there is heavy rain.

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

By widening creeks and streams making them less likely to flood 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?

Yet you have sent an engineer to visit me and I have never heard back about what you are going to do regarding the Awaroa stream which flooded my house.

You have left me in the lurch and forced me to defend my home at my expense. I am 70 years old and disabled. After the 27th of January flooding I worked days and into the night with a small car trailer and mini excavator building a bund as cyclone Gabriel came and went.

My health has suffered during this time as doing heavy work is not recommended by the surgeons who operated on my spine. Only friends and family have helped me.

I spent several weeks after that completing and planting the bund.

We has a another major rain event again recently and the bund stopped my house from flooding again, if I hadn't built the bund it would have reflooded.

I still have old debris from the flood on my property to be removed at my expense and will have to pay tip fees at Waiuku tip.

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 subdivisions to be allowed to empty flood water into the Awaroa stream. The Awaroa stream used to be cleaned every year but hasn't been done since Auckland took over from Franklin council in 15 years. You need to realign the border with Waikato as well so someone accepts responsibility for the Awaroa Stream and it's maintenance.

I have tried to clean out all the silt that was bought into the stream in the flood. I have only the part time use of a 1.8 ton excavator and my ride on mower and hand tools to do this job. The ride on mower has cost me many dollars in mower deck drive belts, 8 so far.

I have cleared several acres of 10 foot high gorse and even higher flannel weed from beside the stream which was choking it. I have cut an access trail beside the stream but a larger excavator is needed to clear out the debris as the banks are too steep for me to drive down with the mini excavator.

The bund and cleanup, all ready done plus the new retaining wall is all going to cost over 30,000 dollars. This is going to clean me out of my life saving to finish.

My wife and I both pensioners feel abandoned and alone fighting to save our home in our twilight years.

Storm Recovery and Resilience Consultation #667

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Your feedback

Local Board: Franklin

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

Slips, road flooded. Still not fixed

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?**

Positive mindset

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

Fix the slips in our area, fix our road so it doesn't flood (it's an easy fix, I know this as we own a drainage company) , fix the main road from Clark's Beach to Karaka. The stop and go has been going on for months with absolutely nothing done.

Perhaps you need companies with skills and common sense to get repair underway now, instead of talking about it. It's clear what needs fixing

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

Do you mean Auckland ? As above. Fix what is damaged before we get hit 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?

Let’s fix what is broken first, let’s put those funds into the roads, the slips, the damaged areas that are in desperate needs of repair throughout auckland. And then address this , nice to have initiative.

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 what is broken, Identify in priority what is required. Then set plan of action and start. Perhaps spread it over the north, south, east , west Auckland areas

Storm Recovery and Resilience Consultation #668

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Your feedback

Local Board: Franklin

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

Personally 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?**

Community helping each other. Council - no help.

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

Council doing their job and looking after our community.

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?**

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 #675

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Your feedback

Local Board: Franklin

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

water unable to drain, culverts blocked & large amounts of vegetation accumulated

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 contractors available to clear culverts & widen streams & waterways

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

Improved council maintenance of culverts

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

improve maintenance of waterways, have trees & marshlands that can absorb water & stop housing being built in 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?

They seem 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?

Auckland as a city has a much lower tree & vegetation density than most comparable cities. This is bad for human & environmental health, so there should be an active program to plant more trees & greenery but there needs to be consideration & education on what will be good to plant

Storm Recovery and Resilience Consultation #680

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Your feedback

Local Board: Franklin

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

Power outages & 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?**

We have flooded multiple times so used to it

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

We recover then it happens again.more frequent lately though.some farms still damaged from 2016

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

More drainage,plan better so houses not built 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?

Glad a plan is being worked on,finaly but its taken a major event for it to occur.why were the earlier events eg tasman tempest not taken note of?

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 rural areas not just urban

Storm Recovery and Resilience Consultation #725

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Your feedback

Local Board: Franklin

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

Me, not at all. Locally, flooding of agricultural areas reduced workers ability collect vegetable crops resulting in a scarcity of some product. Uncleared crops rotted in the field resulting in financial loss to growers and reduced wages for workers unable to clear the crop. Over-wet agricultural land may have affected the financial yield to growers through a reduced export crop.

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 had no issues.

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

1. Extended periods of low 20's daytime temperatures.
2. Regular night-time rain.
3. News reports telling of record export prices for vegetables.

#725

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

By taking a communal look at what went wrong during the disaster events and publishing the results of the investigation. Recognizing where infrastructure design was at fault and publicizing the results of the investigation. Using electronic media to relay the findings of the investigations to all ratepayers. Producing a collective practical determination to eradicate the infrastructure errors. Preparing a clear and sensible costing plan for any or all work to be undertaken. Letting each area community clearly know why remedial work is necessary, and how local communities can help mitigate some of the cost of repair to 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 #748

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Your feedback

Local Board: Franklin

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

Mostly local rural road damage from slips and wash outs. Many fallen trees. Our area in Hunua did not get the very high rainfall intensity.

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 contractors and rural fire services

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

Once the roads are fixed we will have recovered

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

Stop new builing in high hazard areas, and remove existing buildings from the highest risk 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?

I would be prepared to pay higher rates to allow those land owners that did not know they were in a flood risk or land slide risk area to move on. If the risks were on a LIM at the time of purchase, we should not bail them 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?

Landslide risk is not included.

Storm Recovery and Resilience Consultation #761

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Your feedback

Local Board: Franklin

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

No directly 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?

More investment in SW infrastructure.

More investment in climate change response and resilience.

More investment in catchment management work so we can better understand the scale of the problem, risk areas and - use this information to support better decisions.

Better decisions re where we build ie. not in floodplains.

Better design decisions / stds eg. freeboard to floor levels, maintaining OFP - AND ensuring compliance.

More use of watercourses / open space / roads etc for OFP - as per Making Space for Water.

More engagement with affected communities, so they can be involved with the decision making process.

Ongoing engagement with mana whenua - ensuring they are involved in decision making.

More lobbying of Central Government re funding and 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?

Do them all - increase Council borrowing if need be.

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 5 above.

#761

Storm Recovery and Resilience Consultation #766

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Your feedback

Local Board: Franklin

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

The only effects we suffered were about infrastructure failure ie road flooding and ability to get to where we needed to go

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?**

If we could see some basic improvements in stormwater infrastructure maintainence

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

By adequately maintaining the infrastructure and regular clearing of overland flow paths and water 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?

I agree with theem however a short turm win would be improved maintainence of the existing

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 #773

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Your feedback

Local Board: Franklin

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

Not effected

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 effected by the weather except for extra pot holes in the roads.

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 to improve drainage and insist that drainage is improved with rain retention tanks and rain gardens added to urban areas as much as possible.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 needs to be done than do it but also make sure the finance used is sourced with a government guarantee to ensure low interest rate.

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 get urban areas to install rain retention tanks , improve drainage, put in rain gardens and use concrete that allows water yo soak through.

Storm Recovery and Resilience Consultation #788

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Your feedback

Local Board: Franklin

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

Flooding from untidy 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?**

The dream that someone really cares and might clean the drains

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

Someone cleans the drains

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

Clean the drains maintain the 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?

Simple clean the drains and maintain 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?

Try actually doing something about the mess

Storm Recovery and Resilience Consultation #800

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Your feedback

Local Board: Franklin

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

Roads were blocked with slips and washouts and the electricity was not working for over 3 days and no cell phone signal.

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?**

Prioritizing my community over myself

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

Fix the roads and the cellphone coverage.

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

Decentralized road repair people and 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?**

It's comprehensive.

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 #807

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Your feedback

Local Board: Franklin

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

Blocked Stormwater pits that caused street 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 that I know of

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

Full Clean ups completed, and Assets upgraded and replaced.

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

Full Clean ups done regularly, and Assets upgraded and replaced. More green assets like rain gardens in berms and detention systems on large open spaces

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

More green Assets in existing roads and detention options for large open existing carparks

Storm Recovery and Resilience Consultation #844

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Your feedback

Local Board: Franklin

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?**

Nothing.

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

Stop harping on about it.

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

Stop wasting time and money on something that doesn't exist - like 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?**

Use that money to reduce congestion and fix roads - quickly!

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 #851

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Your feedback

Local Board: Franklin

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

The Whangapouri Stream in Pukekohe flooded six houses in my immediate area. The worst affected two houses had 1.3 metres of the silt and water through their house. I personally had 1.5 metres of water through my basement (2 bedrooms, lower lounge, laundry) and garages.

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?**

For me personally, having a builder who was extremely proactive in getting my house stripped out to enable rapid drying. Getting onto my insurers who once you get through on the phone have been very proactive in making sure I have been able to get the reinstatement underway very quickly. Unfortunately the rest of my neighbours are still waiting for their houses to have their reinstatement completed.

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

#851

Ensuring that the Council get on with the currently proposed project of widening the culvert on Paerata Road, Pukekohe so that every time it rains we don't have the fear of flooding hanging over our heads. Having sandbags at the ready "just in case" it happens again is not conducive to our recovery. Any rain heightens anxiety levels.

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

By making sure that stormwater catchments are kept clear of debris, rubbish, overgrowth of weed (oxygen weed), fallen branches, trees blocking creeks, etc.

Ensuring that when new subdivisions are built that the entire stormwater system downstream is evaluated to see if it is fit for purpose and able to cope with the increased stormwater catchment being added to the existing system. Making sure that no planting is carried out on low lying flood plain areas that will jam up culverts, scruffy domes, creeks by being torn loose in fast flowing 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?

In my view the first priority lies with Council and using flood intelligence, using modelling to work out where water will flow in extreme weather events and calculations to work out how much water is likely to flow into a catchment from the proposed subdivision in a heavy rain event. Prior to building new subdivisions / infill housing evaluation needs to be carried out along the entire length of the downstream stormwater system to ensure that it is able to cope with the increased flows caused by the new subdivisions / infill housing. This includes but is not limited to checking culvert sizes, stream overgrowth issues, etc and ensuring that the downstream system is increased in size to enable it to cope with the increased stormwater catchment. Stream rehabilitation is vital as part of the above. Ensuring that streams are healthy and kept clear of weeds, planting and rubbish so that floodwaters are able to escape unimpeded. Culvert and bridge upgrades are vital to reduce the risk of many communities having to deal with on-going flooding. If the culvert project on Paerata Road begins in October as planned, there is virtually no risk of the six properties in my street from flooding again as the water will be able to flow unimpeded. There will need to be significant drain clearing works carried out from the eastern side of Paerata Road (Edinburgh St end) through to the culvert in Paerata to ensure that the industrial properties on the eastern side of Paerata Rd do not flood again. The Whangapouri Stream on the eastern side of Paerata Road would definitely benefit from the creation of a blue/green network to ensure water is able to flow unimpeded as once the water crosses through the culvert close to the Paerata settlement there is significant fall through farmland to ensure that the water flows away.

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

Speed of delivery. Ensure a high level of risk assessment is carried out prior to subdivision resource consents being issued.

Storm Recovery and Resilience Consultation #864

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Your feedback

Local Board: Franklin

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

My community was affected by slips, roads giving way. Roads still have not been fixed. Farmland flooded. Trees falling over. Low lying properties/houses had some 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?**

There is a lot of support in the community with marae especially helping people out with accommodation/food

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

Having roads fixed. Making sure we have good storm water pipes that can carry the amount of water needed/replace or upgrade ones that are old and not working. Stop building new subdivisions and putting pressure on current waste water unless the waste water etc is up to standard already. Stop clearing land/ plant more trees. Preventive measures taken. More done on climate change. Don't let people build on flood prone areas!

#864

Encourage people to include/build resources that would help with heavy rain when building new or doing renovations e.g. include better drainage in resource consents

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

Take notice of climate change and make plans going forward to 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?

They sound positive and in the right direction. You say the cost is $1.65 but people lost their lives, their homes, it impacted their lives. You can not put a value on that

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 people more aware about not building on flood prone areas, or under a cliff that may come down, etc.

Storm Recovery and Resilience Consultation #888

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Your feedback

Local Board: Franklin

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

Personally we weren't affected, but others in the community suffered flooding and slips on their property.

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?

Lessen the density of new housing developments so more trees and green spaces can be accommodated. Gives a chance for the water to be soaked 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?

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 #908

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Your feedback

Local Board: Franklin

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

Your Map is so wrong for some properties in our street that one would have to wonder where you obtained your information from. We have had more serve weather events than 2023 - Pukekohe Flood event 21 Jan 1999 to name just one and our property and neighbors properties did not flood. I live at ** O'Connor Drive and have lived here for 32 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?**

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?**

Before you label peoples property in a flood plain you need to get on the ground and get the correct facts.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 your homework properly before you make such big assumptions and label peoples property in a flood plain.

Storm Recovery and Resilience Consultation #909

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Your feedback

Local Board: Franklin

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

Myself, my family and local community were significantly affected by the severe weather events in early 2023. This was through property damage, mental health stress, damage to critical infrastructure (roads, footpaths, powerlines, water mains), significant environmental impact in communal spaces, as well as impact on vulnerable community members (aged persons).

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?**

Due to the lackluster local response from council/central government what has helped has been given the time off from work to be able to respond the storms destruction and disruption initially - and the required work for recovery following the disasters.

Additionally, the sense of place and community where people have come together to share resources and support each other has proven to be an important survival mechanism.

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

Actually implement changes to improve resilience.

Less consultation via online forms, more in person consultation at workplaces and in communities.

Empowering and supporting local communities to make changes to protect themselves.

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

Auckland can enhance preparedness for climate change-induced storms and other adverse events through a combination of proactive planning, infrastructure improvements, policy implementation, and community engagement. Some key strategies for Auckland to be better prepared include:

1. Comprehensive Resilience Planning:

Develop and implement comprehensive climate resilience plans that assess vulnerabilities, prioritize actions, and allocate resources for addressing the impacts of storms and other climate-related hazards.

2. Integrated Land Use and Infrastructure Design:

Incorporate climate resilience considerations into urban planning, land use, and infrastructure design to minimize exposure to flood-prone areas and enhance the city's ability to absorb shocks.

3. Green Infrastructure and Nature-Based Solutions:

Invest in green infrastructure, such as permeable pavements, urban forests, green roofs, wetlands, and sustainable drainage systems, to manage stormwater, reduce flooding, and improve water quality.

4. Stormwater Management:

Implement advanced stormwater management systems that can handle increased rainfall and prevent flooding, such as constructing retention basins, floodable parks, and underground storage systems.

5. Elevated and Flood-Resilient Infrastructure:

Elevate critical infrastructure, utilities, and buildings in flood-prone areas to minimize damage and ensure essential services during storms.

6. Early Warning Systems and Communication:

Establish robust early warning systems to provide timely information about approaching storms, floods, and other hazards to residents and businesses. Use multiple communication channels to reach diverse populations.

7. Community Engagement and Education:

Engage communities in resilience planning, education, and outreach. Encourage residents to understand risks, create emergency plans, and participate in neighborhood preparedness initiatives.

8. Building Codes and Regulations:

Update building codes and land use regulations to reflect climate resilience requirements, such as flood-resistant construction, elevated foundations, and setback requirements from water bodies.

9. Public Transportation and Evacuation Plans*

Develop transportation plans that ensure safe and efficient evacuation routes during storms. Consider the needs of vulnerable populations and promote the use of public transportation for evacuation.

10. Climate-Responsive Infrastructure Maintenance:

Establish routine maintenance programs to ensure infrastructure is well-maintained and can effectively withstand the impacts of storms.

11. Data and Monitoring:

Invest in data collection, monitoring, and modeling to better understand local climate risks, track changes over time, and make informed decisions.

12. Climate-Resilient Energy Systems:

Transition to renewable energy sources and implement measures to protect energy infrastructure against extreme weather events, ensuring reliable power supply during storms.

13. Inclusive Resilience Planning:

Prioritize equity and social justice in resilience planning to ensure that vulnerable communities have access to resources, information, and support during and after storms.

14. Funding and Investment:

Allocate resources for climate resilience initiatives, leveraging grants, public-private partnerships, and other funding mechanisms to support infrastructure improvements and community engagement efforts.

15. Adaptive Management and Continuous Improvement:

Review and update resilience plans regularly based on new data, lessons learned from past events, and changing climate conditions.

This multi-faceted approach involves proactive planning, infrastructure investment, community engagement, and policy implementation, with which Auckland can significantly enhance our preparedness for climate change-induced storms and contribute to the well-being and safety of our people.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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

Support.

2. Flood intelligence

Support.

3. Community-led flood resilience

Support.

4. Stream rehabilitation

Support in principal. Would like to see more focus on nature based solutions in this section.

5. Rural settlements

Support.

6. Culvert and bridge upgrades

Support. Further management of debris from industrial or commercial activity could be covered in more detail here.

7. Blue-green networks

Support! Significant focus should be placed here.

8. Overland flow path management

Support in principal but with the following changes.

I do not support the potential for infringement notices and legal action without first using council resources to support homeowners (not businesses), where costs to implement changes may be prohibitive, to implement necessary changes.

9. High risk properties

Support.

Discussing the cost.

The cost of not taking action is always higher than the cost of taking action. If improvements to Auckland's storm resilience cost an estimated $1.65 billion but ONE season worth of storm damage was between $9 and $14 billion - it only makes sense to mitigate the risk (and potential cost) of further damage from storms - that from climate change will likely only get worse. Every resource should be made available to support efforts to ensure storm recovery and 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?

I would like to see a bigger focus on the importance of Nature Based Solutions (NBS) to storm recovery and resilience. NBS are strategies that use or mimic natural processes to address environmental challenges. NBS play a crucial role in urban storm recovery by promoting resilience, restoring ecosystems, and mitigating the impacts of storms on urban areas. These solutions leverage natural processes and elements to aid in the recovery process after a storm event.

Some NBS I would like to see in the Auckland Region are:

1. Ecosystem Restoration:

After a storm, restoring damaged ecosystems, such as wetlands, forests, and coastal habitats, can help stabilize landscapes, prevent erosion, and enhance natural flood control.

2. Soil Stabilization:

Planting native vegetation and implementing erosion control measures help stabilize soil in areas affected by storm-induced erosion, reducing sediment runoff and improving water quality.

3. Floodplain Management:

Managing and restoring natural floodplains can provide space for floodwaters to spread out, reducing the impact on urban areas and preventing future flood damage.

4. Vegetation and Green Infrastructure:

Planting trees, shrubs, and other vegetation helps absorb excess stormwater, improve soil structure, and reduce the risk of flooding. Implementing green infrastructure like permeable pavements, rain gardens, and bioswales can also aid in storm recovery.

5. Stormwater Management Systems:

Integrating natural stormwater management systems, such as vegetated swales, retention basins, and constructed wetlands, helps slow down and filter stormwater runoff, reducing the risk of flooding and enhancing water quality.

6. Urban Reforestation:

Replanting urban areas with trees and native vegetation can reduce the risk of soil erosion, stabilize slopes, and improve air quality.

7. Erosion Control Measures:

Using techniques such as erosion blankets, geotextiles, and vegetation can help control erosion on hillsides and construction sites affected by storms.

8. Debris Management:

Utilizing fallen trees, branches, and other storm debris in natural infrastructure projects, such as log jams in waterways, can help reduce erosion and create habitats for aquatic life.

9. Habitat Creation:

Building habitats for wildlife, especially in urban areas affected by storms, can aid in ecosystem recovery and enhance biodiversity.

10. Education and Awareness Program:

Promoting awareness about the benefits of NBS and encouraging community participation in restoration efforts can foster a sense of ownership and responsibility for storm recovery.

11. Community Engagement:

Involving local communities in planning and implementing NBS can create a sense of unity and shared responsibility, fostering a resilient social fabric that contributes to storm recovery.

12. Multi-Functional Spaces:

Designing urban spaces that serve multiple purposes—such as floodplain parks that can accommodate floodwaters while providing recreational opportunities—can aid in both storm recovery and community well-being.

13. Natural Drainage Systems:

Incorporating natural drainage systems into urban planning can help manage stormwater and reduce flooding risks, contributing to the overall recovery process.

These nature-based solutions not only aid in storm recovery but also contribute to long-term resilience against future storm events. Integrating these solutions into urban planning and development can create more sustainable and resilient cities that are better equipped to withstand and recover from the impacts of storms.

#909

Storm Recovery and Resilience Consultation #981

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Your feedback

Local Board: Franklin

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

Fallen trees, collapsed bridges, collapsed road, streams overflowing, houses flooded, 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?**

Unsure

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

Seeing streams and waterways being cleared regularly and damaged roads repaired.

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

Ensure there is a maintenance plan in place to clear drains, streams and waterways. Communicate to the public early. Provide details of temporary shelters.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 not seen the local streams or waterways maintained in any way shape or form for many years nor since the flooding. It would be beneficial to recruit local experts to put a plan together using local resources to maintain these ASAP and on a regular basis.

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

Unsure

Storm Recovery and Resilience Consultation #1101

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Your feedback

Local Board: Franklin

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

Severe flooding around Clevedon with land slips fallen trees and loss of electric power

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

Affected by slips or landslides, No damage to my home

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

A gradual clean up done by ourselves

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

Someone - anyone from Council knocking on our door asking if everything is ok. But that will never happen.

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

Deliver standing instructions to Watercare to open all of its overflow gates in an orderly manner if it's Hunua Dams are more than 90 percent full and then during each storm event close these gates to retain flood water in the dams until after the storm abates. Watercare mismanagement was the single biggest source of flooding in Clevedon during these storms. It seemed to take pride in having all of its dams over 98 percent full just before the storm hit leaving no room in its dams for storm water to be retained in its dams. At the same time pumping of water from the Waikato up to Auckland should have been reduced. Watercare deserves to be sued for the damage they caused.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 the making room for water initiative there is no discussion of the impact of Watercare not reducing it's water levels of its dams prior to flood event warnings in either the Hunua or Waitākere ranges or indeed the reduction of pumping water from Waikato standardising these three initiatives prior to a flood event warning would create a vast amount of existing space to store flood waters

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

Note my comments above Watercare should be capable of storing excess flood waters at relatively low cost if it was instructed to do so.

Watercare should not be allowed to open its dam flood gates during or immediately after a storm event

#1101

Storm Recovery and Resilience Consultation #1117

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Your feedback

Local Board: Franklin

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

Road drainage failed and properties near streams were inundated

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?**

Only neighborly assistance

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

Quicker response from insurers, assessors and builders to get repairs done

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

Survey topography based on recent rainfalls maximums and plans storm water relief drains, culverts and wash-outs accordingly

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Necessary even if it costs 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 #1118

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Your feedback

Local Board: Franklin

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

Driveway washed out, again! Trees down on driveway by road - council had to clear tree before we could use drive. Local community - trees down, roads flooded and drains washed out, due to not being clear and free draining.

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?**

Council cleared tree initially so driveway usuable but then left sawn halves of tree on either side of driveway for weeks, until I called a couple of times and eventually they cut up and removed tree. Community rallied and supported each other as they do.

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

Knowing that actions were in place and actually done, to prevent these issues happening again - ie clearing drains, creating enough infrastructure when building new subdivisions in first place, to ensure rain/wind storms do not overflow the current system. This would be

the best recovery I can think of - knowing it should not happen again and weather events will come and go as they always did

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

Creating, building infrastructure prior to building and consenting for numerous new builds/ houses/subdivisions. Keeping existing drainage clear from debris, tree growth, litter. Ensuring drains are replaced and not aging and cracking.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1287

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Your feedback

Local Board: Franklin

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?**

No comment

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?

Build real houses, rather than the matchboxes you allow builders to erect at the moment.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Well, if you had managed the possibility of storms 30 years ago...

Of course, now you want the people to pay for council ineptitude.

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 #1311

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Your feedback

Local Board: Franklin

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

Not directly 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?

above ground run off paths for flood waters to follow

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 convinced they're going to help very 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?

Less concrete/hard surfaces would be a great start, stop building on known floodplains (for example 2 large sites in Drury), and greater planning for water flows above ground would be helpful

Storm Recovery and Resilience Consultation #1313

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Your feedback

Local Board: Franklin

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

our home was flooded and we had to evacuate. Three weeks later we were able to move back , but with very limited facilities. Six moths later we still have only half the cottage habitable.

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

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

The necessary tradesmen and suppliers of material have all been rushed off their feet and consequently it's been a long time getting repairs done

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

The flood was unprecented, never before happenned on such a scale, and probably climate change contributed or caused it. How can anyone be prepared 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?

Why isn't more done about rain water being saved instead of going down the drain ? . For many years now Auckland (and other places) have suffered from water shortages. If every home had a rain water storage tank, or if the storm water was to be delivered to reservoirs, that would be a major contribution to both floods in winter and water shortages in summer

Make better use of the existing rates. Stop wasting money on unnecessary "frills".

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 resource management

I filled in this survey some weeks ago, and now you seem to have doubled up with another identical one.

#1313

Storm Recovery and Resilience Consultation #1315

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Your feedback

Local Board: Franklin

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?**

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

use historical metrological data and council records to develop rules when building new subdivisions. Don't allow bribes to overcome science!

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

Allow for houses to be built if they address the underlying problems ie a house boat or a house built on stilts on a flood plain mitigates the problem, whether it's a 100 yr flood expectation or a 10 yr flood expectation. Use the science and knowledge that we've amassed.

Storm Recovery and Resilience Consultation #1358

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Your feedback

Local Board: Franklin

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

yes lost my part time job, due to person I worked for being wiped 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?**

community help

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

Quicker decisions and action

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

Be more prepared by making sure that drains are up to standard,new sub

divisions can cope. More green 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?

to much money goes to consultants and planners

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 #1378

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Your feedback

Local Board: Franklin

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

The Auckland flooding did not affect us that much but the cyclone did. Power was out for over 12 hours, minor flooding around the house, 4 of 5 roads out of Hunua blocked by trees or power lines down. Major road slips on some of the roads we use to get to Clevedon and Papakura. The heavy rain warning we received in April I think it was also caused major flooding throughout local paddocks, made roads worse and made it difficult to get home from Manukau with roads cut off due to 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 people working together and donating their time or resources to help one another

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

Infrastructure fixed properly, I.e. our slipped roads repaired, trees trimmed and maintained away from power lines, drains cleared of debris, pot holes repaired and better drainage

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

Better infrastructure and public education on survival kits

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1394

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Your feedback

Local Board: Franklin

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

Loss of power and mobile phone covertage. Unable to use roads out of Kawakawa Bay.

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?**

Discussed at Local community meetings.

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

Road drainage improvements. Why are new subdivisions still being built on low lying land.

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

Clear all streams and ensure pipes large enough and not blocked. Talk to locals before granting new subdivisions.No

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 common sense. Have you been sleeping.

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 #1399

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Your feedback

Local Board: Franklin

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

There was flooding in the main street of our village and flooding all around our house. My husband was not able to get to work as some roads were closed. There were slips on some of our local roads that are still not fixed. My cousins house was yellow stickered. My parents had trees fall in their 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?**

Coming together to help out. Supporting each other.

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

We have already recovered as we weren't as bad as other areas. Only my cousins yellow stickered house is still a concern.

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

Digging out our rural drains on the roadsides. Stop any more urbanisation in our rural areas. (the new subdivision led to flooding on our rugby fields and then onto our main street and into the shops)

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 them so can't 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?

can't comment

Storm Recovery and Resilience Consultation #1443

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Your feedback

Local Board: Franklin

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

Some stream and waterway flooding, trees uprooted and fallen, general storm water debris

Massive surface flooding in greater Franklin district and evacuations necessary in 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?**

Massive clean up and still ongoing

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

Storm water ways that a cleared and working with planting to help avoid slips

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

More investment in infrastructure! Remedial and ongoing maintenance work is crucial.

Environmental, urban planning and council resources need to work together - disgraceful that housing is on low lying or reclaimed land

Forestry logging companies need to clean up after 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?

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

Native planting and maintenance on open area storm water catchments to allow native wildlife to survive and allow nature to do its job filtering and cleaning our system

Storm Recovery and Resilience Consultation #1453

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Your feedback

Local Board: Franklin

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

A 120 year old tree nearly smashed through my bedroom. I'm "lucky" it didn't. The main accessway to the town I work in was affected by a slip, and was "out only" for a while. Other than that, the other effects to me & my family were minor. I can't speak on my wider local community, but I know a number of people had to be evacuated.

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

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?**

Just carrying on & trying to get through. It took a long time for anyone to fix the main accessway to my town of work.

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

If our insurance company would actually cover - even partially - the costs of removing the tree that tried to kill me. If we'd left it, it would've crashed through the house that day. Instead, we had to be proactive & get it sorted - they're calling that unnecessary & refusing

to pay out. As if fixing the whole house wouldn't be MORE expensive than doing what we could (calling in professional arborists, a crane, etc.) to remove the tree...

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

I don't think we can. Nature is nature. Look what we've done to "her" planet? No wonder "she's" pissed off. Humans have brought a lot of these wild weather events on themselves, over time: that's 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?

Fix the infrastructure that needs to be fixed, and create any genuinely necessary infrastructure that needs to be put in place. Don't let us end up like Wellington Water. But also, don't make it the Council's problem to buy or fix flood damaged land / housing etc. - you need to put pressure on these peoples' insurance companies to do the right thing.

"Acts of God" shouldn't be a thing in 2023. We're not in the 1800s, where everyone believed in Sky Daddy. Natural disasters (like flooding) & the effects of global warming aren't an "act of God". There's no Noah to build an Ark. Māui ain't here to build / sail a great big waka, or harness the Sun for us again. This has all been brought upon us, over time, by humans & their actions / consequences.

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

Bonking developers over the head with baseball bats when they decide to build these silly tiny "communities" of depression apartments on flood planes / wet areas, ESPECIALLY without "more than" enough infrastructure to handle the people they're fleecing.

#1453

Storm Recovery and Resilience Consultation #1455

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Your feedback

Local Board: Franklin

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

Damage to our property from culvert blockage and road run of, taking out our drive (accessibility to our house), and fencing

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?**

Hard labour's of the family

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

Repairs completed. Departments doing their jobs instead of passing the buck ie clearing drains, road verges as part of a regular process as was previously completed pre Ak Super City.

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

Regular maintenance of roads drains 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 broad outline looks ok and realistic. People / companies need to be held accountable for their efficiency to get the job completed and completed well to ensure the least impact on already struggling 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 #1465

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Your feedback

Local Board: Franklin

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

We are rural, we were not affected by the flooding but some of our bridges and roads were. These have still not been repaired and in places it has reduced traffic flow to 1 lane, needing lights 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?**

Reaching out to neighbours and wider community.

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

Fixing the main routes in and out of Franklin in particular, but also repairing damage to roads quickly. It is distressing to still be constantly reminded of the flooding/storm by seeing major damage on our roads, we want to move on, to not have this reminder and anxiety in the community.

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

Get a new and better mayor.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 we should prioritize these, just do the initial ones of maintenance increase, and public/community awareness rather than make a huge cost to the community that is just not affordable for most Aucklanders 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?

Maintenance, maintenance, maintenance

Storm Recovery and Resilience Consultation #1483

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Your feedback

Local Board: Franklin

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

The main road into Pukekohe (situated near where my family lives) was damaged during the storm. It was only minor compared to other areas of NZ but it took the council 4 months to finally get their act together to fix the damaged wall. Local residents were sick of detouring round the town to get anywhere due to the council being so slow.

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?**

A quicker response from councils would be better. As usual the councils like to blame other people for their incompetence and slowness.

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

Residents near East Street Pukekohe have got back to normal, but just after the damaged wall was repaired from the storms, council started laying drainage pipes along East Street, yet more roadworks. This could have been done when the wall was being repaired.

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

Make council staff more efficient by cleaning out drains in cities/towns, the road sweeper trucks could do a better job (they whizz up the road and leave more rubbish than what they are supposed to be collecting!). We have a grill drain at the bottom of our road in Pukekohe, and the council hardly ever clean it out, it usually myself and other residents because the council haven't done their job 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?

Upgrade the drainage/sewerage pipes round Auckland to help with the flow of flood waters. Also ties in with cleaning the drains so they are not blocked and then we get flooded roads.

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 #1497

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Your feedback

Local Board: Franklin

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

flooding in areas of Pukekohe due to inability of stormwater infrastructure to manage 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?**

Community spirit. Council pick up of flood damaged goods. Sandbagging options provided by community.

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

Information about 'weather extreme' infastructure pressure points. Mitigation plans and remedial work completed to existing systems.

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

Sharing openly about weather information. Do not allow for housing to be built in flood prone areas. Identify flood prone areas/housing. Safe locations in case of evacuation. Create a household flood plan - similar to an earthquake plan or fire plan. Additional stormwater flow 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?**

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 water flow/flood flow journey. Preventative infastructure/plans should not just be at the end of the water but all along to mitigate the end potential damage

Storm Recovery and Resilience Consultation #1554

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Your feedback

Local Board: Franklin

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

Slips on roads

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?**

to get the damage to roads fixed still waiting

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

Keep drains and waterways clean and even on private property residents should keep their property clean

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

Agapanthas in roadside drains needs to be sprayed as this restricts water flow

Storm Recovery and Resilience Consultation #1559

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Your feedback

Local Board: Franklin

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

Flooding of transport & recreational infrastructure

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?**

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 #1586

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Your feedback

Local Board: Franklin

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

Significant flooding damaging main roads, farm land, stock and 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?**

Simply getting on and repairing our land and properties. Roads still not repaired.

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

Road repairs so both lanes open!

Teams of workers have spent weeks excavating & replacing perfectly good, undamaged pieces of road - with cables laid, berms concreted, barriers erected and speed cameras installed - but a couple of kilometers further down, the main road is still washed out and half closed.

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

More and better maintained 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?

Ensure robust infrastructure and roading is planned and properly constructed before housing developments begin.

Storm Recovery and Resilience Consultation #1620

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Your feedback

Local Board: Franklin

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

We experienced flooding of some low lying neighbourhoods and growing fields in my area - Pukekohe. The main road into town slipped, reducing it to one lane for several months.

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 haven't been impacted directly but people checking in on each other has made a difference.

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

Infrastructure and homes repaired, with steps taken to reduce the impact of future severe weather-related events.

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

Understand risks and what we can do to mitigate those. Have an awareness of what to do during severe weather events to protect ourselves and our assets. Ensure people are provided with plenty of warning. Improve stormwater 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?

All the initiatives make sense. An additional initiative that would help could be specific education and awareness so all Aucklanders can be more 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?

Education and awareness - to empower people to self-manage their own risks and be ready. The Community-led flood resilience initiative touches on this but it looks to be more about managing risks in local and surrounding environments rather than individual personal risks.

Storm Recovery and Resilience Consultation #1632

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Your feedback

Local Board: Franklin

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?**

I was filling in the form of the effects of the flooding, got about 45 mins into it when it disappeared !

I want someone with knowledge of flooding and drainage to urgently come and see me and the problem. I had been trying to get the "Pit" cleared that was dug by council to catch the metal and rotten rock that washes down the road and through the culvert ending up in my property. After the flooding of Gabrielle all the smaller metal and rock washed down the hill and into the culvert blocking it and causing the road to be flooded. The pit is full of it and is now a concern that the weight of it may break my boundary fence and if that happens I will be ringing council and asking them to send out a fencer to urgently fix it. I have spoken to council and their contracters on several occasions over the years to try to get the pit dug out to no avail.

What needs to happen is the culvert needs to be flushed to clear the blockage and all the metal and rock dug out from the pit and taken away. The water will then be able to drain away through my gully to the creek and will then clear the pond fron the neighbours property. I spoke to the contracters after Gabrielle who pumped out the water then put larger metal and rocks on the roadside and the culvert. They said the large metal would slow the flow, it sure has but by not clearing the pit or the culvert first it has added to the flooding which has happened since.

Please , will someone take me seriously so the problem can be fixed asap. Most drivers are sensible and enter Cuff Rd from the wrong side of the road to avoid the flooding but the 4 wheel drives, some trucks etc just drive through it sending water everywhere. I can not find any previous complaint reference numbers.

#1632

Storm Recovery and Resilience Consultation #1661

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Your feedback

Local Board: Franklin

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

We had a lot of surface flooding and neighbours house was 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?**

We weren't to badly affected compared to others.

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

Wasn't too bad for us.

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

We need a larger pipe to drain water to beach faster.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 are getting a lot of subdivision out at Glenbrook beach. As we are on the flat, we are going to get a lot more seriouse flooding from the houses that are go to be built above us. But no one listens. The run off will be terrible. As you are aware of this situation, you will be legally liable for the damage as it is preventable.

As it is we need bigger pipes on Ronald ave to run the water to the beach. Straight across road. Total of about 60 metres. Problem pretty much solved.

Storm Recovery and Resilience Consultation #1668

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Your feedback

Local Board: Franklin

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

Ground water flooding, road closures. Stayed at home and those at work forced home due to 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?**

Slow council reading works. Drain clearing on country roadsides

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

Getting works executed faster and finalizing the work involving those who have damages, lost homes etc. Continuous drain clearing of contry roadside drains

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

Fix the pathetic Civil Defence response capability . Keep clearing drains and creeks

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 works underway

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

Upgrade Civil Defence capability for Auckland and decentralize those capabilities for quicker response in emergencies.jo. Make storm drains larger

Storm Recovery and Resilience Consultation #1680

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Your feedback

Local Board: Franklin

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

Fortunately 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?

Ensure existing green "sinks" such as golf courses are not developed. It is unfortunate, for example, that the Council permitted the former Belfield golf course at Papakura to be developed for housing. Leave Chamberlain Park as it 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?

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 answer to Q.5

Storm Recovery and Resilience Consultation #1771

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Your feedback

Naran Makan Ltd

Local Board: Franklin

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

Flooded vegetable fields, crops washed 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?**

Community helping 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?**

Ensure roadside drains are cleaned 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?**

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

Intergrated catchment plan for Pukekohe Hill

Storm Recovery and Resilience Consultation #1784

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Your feedback

Local Board: Franklin

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

Balle Bros was affected by flooding across several properties that we grow vegetables on when water from council stormwater drains overflowed and flowed back into some areas of some paddocks. Large areas of crops were destroyed

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 response by AT and Auckland Council has been underwhelming. Prior to the flooding event very little maintenance has been done to critical infrastructure for many years. Blocked drains and culverts, illegal rubbish dumping all contributed to the flooding event. There is still a lot of work to be completed in the Pukekohe area. Some work has been completed to a high standard but sadly some of the work has not been done very well at all. our company has spent several hundred thousand dollars fixing and remediating damage to our properties

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

A more proactive response from AC/AT and our elected representatives .We need to take a catchment wide approach

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

Better planning and more regular maintenance of 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?

Councils do not spend ratepayers money wisely.

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 #1789

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Your feedback

Local Board: Franklin

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

Our property 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?**

I have been aloof from it all actually

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?

Seriously increase our infrastructure spending and focus on real world solutions rather than future fantasy theories.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 them done 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?

Storm Recovery and Resilience Consultation #1790

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Your feedback

Pukekohe Vegetable Growers Association

Local Board: Franklin

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

Members of the Pukekohe Vegetable Growers Association (Levey paying vegetable growers under Horticulture New Zealand) had water move through their properties with a number of different effects;

1. Damage to buildings
2. Loss of crop from fields
3. Loss of soil from paddocks or movement within paddocks

The PVGA communicated to the MPI On Farm team, that they estimated growers incurred cost from the floods upwards of $4,000,000.

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 PVGA has had engagement with central and local government and associated departments. Some funding was sought by individual grower businesses via MPI.

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

PVGA sees that there is a need to undertake significant maintenance of drains, water courses and culverts in the areas that they grow, such as Pukekohe, Patumahoe, Bombay etc.

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

Taking a catchment approach to surface water/drainage 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?

There is a need to focus on core maintenance and improvement of water course infrastructure; such as roadside drainage and overland drainage networks. A catchment approach needs to take 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?

The Pukekohe Vegetable Growers Association would be open to further consultation on areas for improvement, based on the collective generational experience of the grower members.

Storm Recovery and Resilience Consultation #1799

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Your feedback

Local Board: Franklin

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

My house, as well as my immediate neighbours houses were flooded. There were numerous other houses in the area flooded also.

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 community helped us immensely with moving furniture, carpet, dry wall and insulation, providing meals etc. There was minimal/no help from council in our area.

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

Improved and maintained drainage on and around Searle Drive:

1. Correct riparian planting of the stream and pond (Searle Drive).

2. More outflow of water from the pond to ensure the water levels remain low enough to manage higher rainfall levels.

3. Lower the dam wall at the end of the pond so that it overflows earlier and doesn't create a backlog of water further up the system (i.e. private drains stop running).

4. Provide concrete kerbing to Searle/Vivian/Mirabel roads to ensure water drains from the road into the drains. Currently the water pools on the road and footpaths as the drains are in the grass berms and the water is not reaching them.

5. More trees in the neighbourhood

6. Clearing of all drains throughout the neighbourhood.

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

Implement sponge city principles - https://helenclark.foundation/publications-and-medias/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?**

Overall the initiatives are a good start.

Only have private property on an overland flow path where absolutely necessary.

Where there is already private property on a flow path, infringement notices/legal action for people who block theses flow paths is going to be critical. You can't expect individual to flight that battle alone.

PLANT MORE 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?**

Reduction in greenfield development. Reduction in in-fill housing. Limiting population growth. Preservation of current green space and trees.

#1799

Storm Recovery and Resilience Consultation #1813

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: Franklin

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

Could not leave our area due to high flood water and land slips to exit 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?**

Our community no visible council, government help seen

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

Ensure maintenance of roads council creeks and drainage are kept clean of rubbish, hold landowners who do not maintain tree lines and ground drainage accountable, engage more.with smaller rural communities

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

Take ownership of own maintenance on properties, look to mitigate potential issues on your property. Councils need to be accountable for ensuring maintenance programs are run well and to standard- quality checks, provide more transparency on areas of concern - be visible open and transparent especially in major 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?

Not yet need to read -

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 #1826

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: Franklin

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

Lost onion's crops. Lost soil from paddock

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.

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 up the drain every year. Keep the drain clean and half the problem be gone. Especially round Pukekohe hill.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 the drain around Pukekohe hill.

Storm Recovery and Resilience Consultation #1859

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Your feedback

Local Board: Franklin

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

Isolated areas of damage from overland flows, minor 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?**

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 feel current standards and on site retention/detention for new developments is already addressing issues. Consistent, regular maintenance of open stormwater drains to clear debris would ensure flowpaths are always ready to do their 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?

From my experience as an architect, many of these proposals are already in place, with mitigation required to build in or near flood prone areas and overland flowpaths, and requirements to slow down distribution of rain water in storm events. Council need to make it easier ie cheaper and with less compliance costs, for people to retain and reuse water on their own site.

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 #1920

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: Franklin

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

The home of my daughter and family at 16 Searle Drive, Patumahoe 2679 was flooded along with 3 neighbouring houses.

This required my daughter and family to relocate to a rental property for 6 months while repairs were made.

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?**

Support from neighbours and family.

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

Action from the Auckland Council to help minimise the severity of flooding in the affected parts of Patumahoe.

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

Act on the recommendations made in this consultation.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 essential to handle storm water in the Fletcher Lane, Pamela Christine Rd and Searle Drive area within Patumahoe.

The storm water pond at the end of Searle Drive is choked with incorrect planting which reduces capacity and flow of water particularly in very heavy rain events. Previous attempts to clear the pond have been obviously unsuccessful. I have attached recent photos to support this claim.

Also I believe the egress point for storm water from the pond was not capable of handling the volume of water quickly enough in the January event. I have spoken to witnesses on the night of the event who saw water initially flowing reasonably well into storm water catchpits on the flooded properties. Then, within a short space of time, the catchpits filled up and no more water flowed into them. To me this indicates the storm water pond was filling more quickly than it was emptying, thus severely impeding water attempting to enter the pond and the stream feeding the pond.

Two major issues to be addressed:

1. Completely remove the plants choking the pond by killing them first to mitigate against future infestation.

2. Increase the capacity of the pond's egress point.

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

#1920



Storm Recovery and Resilience Consultation #1934

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: Franklin

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

Cyclone Gabrielle flooded most of our property. The property next to us was completely flooded and the occupants of one of the dwellings were surrounded by flood water and cutoff from being able to get out safely. An army truck was sent down the long driveway to rescue the two occupants and their dog. The flood waters entered one of the two houses for the first time since 1947, when the first of two houses were placed within this 1% AEP floodplain through a subdivision granted under the Servicemen's Settlement and Land Sales Act 1943.

Large areas of both properties remained flooded for more than two weeks, partly due to the increased unexplained flooding volume of stormwater runoff.

The Tourist Road Bridge Wairoa River water level recorded its highest level ever, at 5.55 or slightly higher. This level was achieved despite the fact that the rainfall depth recorded was far less than what would have been expected for a 1% AEP rainfall event (1 in 100-year event) of 280.32mm for our area. The Hunua Nursery/Bowling Club (# 750010) rainfall depth recorded only 191.5mm within 24 hours and 210mm within the 48-hour timespan, with a total of 218.5mm only recorded with respect to the total depth for this defined rainfall event. The Clevedon Showgrounds gauge only recorded 69mm within 24hours and 78.5mm within the 48hour timespan, with 85.5mm only recorded with respect to the total depth for this defined rainfall event. The tide at the time was not a king tide or spring tide, with the Maratea High Tide forecast recording the peak tide at 1.44 am during the morning of 14th February 2023 (at night, early in the morning). The Wairoa dam and Cossey's dam were both full prior to the start of this extreme rainfall event, and therefore each dam's spillway would have immediately been overtopping as the reservoirs surface of water is classed as 100% impervious.

Late afternoon, and as evening fell on the night of 13th February 2023 most Clevedon residents would have believed (like anniversary weekend), that the area was going to escape the worst and not be flooded. As darkness fell, we saw no signs of overbanking within the lower reaches of the Wairoa River. Due to the low rainfall within the Clevedon area, there was very little surface water lying around on our farm. As the rain had already begun to ease before high tide at 1.44 am and had completely stopped by 5.00am it was an unbelievable shock to see the extent of flooding that occurred during the night. It is understood that many locals believe that the Wairoa River began to overbank around the time of high tide.

After two weeks of flood water trapped on our property, half of our productive land was cover in silt, became sodden, and unable to be used for grazing of our beef cattle. With autumn, winter and the relentless amount of rain being experienced within our region over and above the flooding caused by Cyclone Gabrielle it has made farming our land extremely difficult.

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 Wairoa River catchment is well known for flooding events, and it would seem that Auckland Council pays very little, to no attention to the area because of this fact. There is an ongoing and unacceptable absence of any maintenance of drains, esplanade reserves, river, or streams for which council is responsible for. Genuine complaints and concerns lodged with regard to the clogged nature of some of the watercourses, drains etc in the Clevedon area have never been actioned.

The continued lack of interest and lack of concern and neglect by Auckland Council toward the residents of the Clevedon area, farm owners, occupiers, and infrastructure clearly appears to be entrenched, and is highlighted through the avoidance of any ‘drop-in session to talk to subject matter experts, ask questions and have your say’ at Clevedon through this public consultation process.

In fact, it is clear that Auckland Council is complicit with regard to increasing the volume, depth and velocity of stormwater runoff that adversely impacts so many of the Wairoa River catchment residents and properties. With no Integrated Catchment Management Plan that

models the entire catchment, a lack of comprehensive supporting data, and no credible flood modelling undertaken by either City of Manukau or Auckland Council that included the stopbank structures within the lower reaches of the Wairoa River, Auckland Council has approved development of the I408 Clevedon Precinct based on the following:

1. No hydraulic neutrality being achieved on site to ensure that post development peak flows match pre-development peak flows.

2. Limited hydrology mitigation (included within AUP Chapter E10) as follows:

a) Provide volume retention of a minimum (at least) of 5mm runoff depth for all impervious areas for which hydrology mitigation is required;

b) Provide detention (temporary attenuation storage) with a drain down period of 24 hours for the difference between the pre-development and post-development runoff volumes from the 95th percentile, 24-hour rainfall event minus the 5mm retention volume over the impervious area for which hydrology mitigation is required.

3. Knowingly approving new development's Stormwater Management Plan's that enable the diversion, conveyance and discharge of stormwater runoff at increased volumes, velocity and depth, upstream, downstream and adjacent to the development sites.

4. Designation of the 1% AEP floodplain area as the I408 Clevedon Precinct Stormwater Management Area.

5. The downplaying of the adverse impacts associated with this urban development's large areas of increased impervious surfaces, where the burden and devastating impact from this deliberate discharge of increased stormwater runoff volume is into a floodplain that is also severally affected by the tidal influence of the Wairoa River at least 12 hours of everyday, along with stormwater runoff across spillways of full reservoir dams.

6. No stormwater management devices or mitigation implemented to address the increased stormwater runoff from the decommissioning of hundreds of existing Clevedon Village water once household water and wastewater are connected up to Watercare Services Ltd systems.

Auckland Council has contributed to the flooding that caused the prolonged devastation to our property. While Auckland Council continues to promote the taking of esplanade reserves on the foundation of providing public access to waterways, their lack of maintenance and neglect shown toward them can severely impact the lives of people that are ultimately affected.

Auckland Council resource consents for the two water supply dams located in the Hunua Ranges belonging to the Wairoa River catchment sanctions the holding of water up to a full capacity (100% impervious), regardless of whether extreme rainfall events are predicated, with no allowance for attenuation of the 1% AEP rainfall event. Not only will this not

provide for the I408 and I409 precincts to achieve resilience to the effects of climate change, but it displays a lack of empathy by Auckland Council to all of those (rural or urban) being impacted by the unnecessary additional volume of water instantly flowing across the Cosseys dam and Wairoa dam spillways.

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

What would help us and the community to feel like we have 'recovered' from these extreme weather events is for Auckland Council to ensure that AUP appropriate legislation ensures the following:

a) That all recent and future urban developments are actually required to achieve hydraulic neutrality through the appropriate use of stormwater management devices, low impact design and sponge city concepts that achieve an accurate matching of post development and pre-development peak flows at the development site.

b) All new stormwater systems and all existing stormwater systems designed for and be based on a high level of risk to enable resilience to extreme rainfall events and climate change in a manner that must avoid adverse impacts on people, property and the environment. This is to be achieved through the incorporation of appropriate on-site stormwater management devices, low impact design and sponge city concepts.

c) That the creation of impervious surfaces in a catchment undergoing development (urban or rural) within the Wairoa River catchment does not contribute to an increase the volume, flow rate, or depth of stormwater or any accumulated increase in volume, flow rate or depth of stormwater.

d) For Auckland Council to implement the AUP I408 Clevedon Precinct legislation as it was intended, and

- ensure that development does not increase adverse effects from flood hazards, including increased flood, depths and velocities, experienced upstream or downstream of the site, taking into account the hydrological characteristics of the catchment and the vulnerability of activities within them; and
- require stormwater run-off to be collected, treated and disposed of in a way that avoids, remedies or mitigates adverse effects on adjacent sites or sites upstream or downstream in the catchment area.

e) That the 1% AEP floodplain, the people, buildings, land, other property, animals and environment located within it, are no longer sacrificed as the Stormwater Management Area for the I408 Clevedon Precinct.

f) Any problems directly associated with stormwater runoff from increased impervious surfaces should be dealt with and accommodated for on-site by the development responsible for any change in hydrology. Auckland Council should review all AUP legislation and the Network Discharge Consent to ensure that the current practice of ensuring the stormwater is redirected, conveyed and discharged away from these development site in a manner that adversely impacts others within the catchment is prohibited and ceases.

g) Require Watercare Services Limited to provide reservoir capacity for attenuation capacity to match post dam development with pre-dam development for up a 1% AEP rainfall event for all dams (including the Cosseys dam and Wairoa dam) that adversely impact people, property or the environment within their respective catchment's.

h) Require Watercare Services Limited to provide reservoir capacity for attenuation to match post dam development with pre-dam development for up a 1% AEP rainfall event for all dams (including the Cosseys dam and Wairoa dam) to enable impacted rural communities to be more resilient, and resilience to the effects of climate change in terms with the NPS-UD for urban environments (I408 & I409).

i) Ensure that the existing established free flow and conveyance of stormwater runoff is afforded the appropriate level of maintenance to ensure that all channels, overland flow paths, culverts, streams and authorised stormwater networks or combined sewer network systems are clear of obstructions (debris) fully functional at all times.

j) To ensure that economic activity is re-established to enable equity and economic prosperity for all individual members of the community, and not justified through a 'public' perspective.

The above outlines what would help Auckland Council prioritise flood readiness and risk reduction in the council's stormwater operations that would support our community, the households, businesses and land in the Clevedon area to cope better with future storm events.

Any rewards gained by informing and empowering the people of Auckland to take action to increase their personal resilience to extreme weather will be negated and achieve little should Auckland Council not determine and facilitate for the capacity of stormwater runoff volume and flow rate during such extreme rainfall events, in a manner that does not adversely impact members of the community that are most vulnerable. If Auckland Council's continued path includes a not fit for purpose 'moderate risk' approach legislated for by its AUP legislation and Network Discharge Consent, along with the lack of proactive maintenance (opting for a responsive only culture) of the council's stormwater operations continues, then it is council that continues to be the weak link in prevention of flooding to low lying areas of the Auckland region. You can inform and empower the residents of Auckland, but if Auckland Council does not implement what is required of council then the results become ineffective.

If Auckland Council intends to raise people's awareness of flood risks, what to do before, during and after a flood it goes well beyond the people who live in a flood hazard area. The people within these flood hazard areas are largely the recipients of huge volumes of stormwater runoff from sites either adjacent to, upstream and/or downstream within a catchment area. How the flow rate and volume of stormwater runoff is treated by other sites within a catchment who are far more fortunate than those on the receiving end of stormwater runoff, is a crucial tool in making the Auckland region more resilient to extreme rainfall events and climate change. This is particularly beneficial through the use of supportive stormwater management devices, low impact design and the provision for blue green capacity at the right locations within a catchment that achieve hydraulic neutrality and creates a sponge like city environment that avoids the conveyance of stormwater runoff to be solely discharged into the 1% AEP floodplain areas.

The key to helping the Auckland region become more resilient and cope better with these extreme rainfall events is to is to stop dumping copious amounts of stormwater runoff that has been generated by more and more impervious surfaces down into these floodplains. With all new development there is an opportunity to make things better and put the resources necessary into determining the best and safest options that address the increased stormwater runoff in a manner that does not adversely impact others. This should include Integrated Catchment Management Plans that accurately mitigate and accommodate for the movement of increased stormwater runoff, neutralising the potential of increased flow rate and volume of stormwater runoff to ensure others within a catchment are not adversely impacted.

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

Auckland's stormwater systems are based on a moderate level of risk. That moderate level of risk is outlined in TP10 as follows:

TP10 states that Auckland Council's stormwater drainage systems are generally designed for a moderate level of risk and approximately adopt for a 10% AEP event's water quantity for the primary drainage systems pipe sizing. However, the importance of more severe rainfall events is acknowledged through the allowance made for secondary drainage overland flow paths for events up to a 1% Annual Exceedance Probability (AEP). Further, to protect the public and their property, habitable building floor levels are required to have a contingency freeboard above the 1% AEP flood levels.

The creation of impervious surfaces in a catchment undergoing development increases the flow rate and volume of stormwater runoff. This change in hydrology, unless managed, can have a significant adverse effect on streams within the catchment. This limited hydrology mitigation approach being adopted by Auckland Council seeks to protect and enhance Auckland's rivers, streams and aquatic biodiversity in urban areas included with AUP Chapter E10 is as follows:

a) Provide volume retention of a minimum (at least) of 5mm runoff depth for all impervious areas for which hydrology mitigation is required;

b) Provide detention (temporary attenuation storage) with a drain down period of 24 hours for the difference between the pre-development and post-development runoff volumes from either the 90th or the 95th percentile, 24-hour rainfall event minus the 5mm retention volume over the impervious area for which hydrology mitigation is required.

GD01/2017 "Stormwater Management Devices in the Auckland Region" illustrates the 90th and 95th percentile 24-hour rainfall event data maps in millimetres. These maps illustrate a range as follows:

• SMAF 1: 24-hour rainfall event range falls within 23 – 48 mm (less 5mm retention)

• SMAF 2: 24-hour rainfall event range falls within 32 – 34 mm (less 5mm retention)

Other AUP legislation relates to all permitted activities, controlled activities and restricted discretionary activities as listed in Table E8.4.1. Activity table. These must meet the AUP Chapter E8 General Standards, except for E8.4.1(A1) (Stormwater runoff from lawfully established impervious areas directed into an authorised stormwater network or a combined sewer network) and include as follows:

• The diversion and discharge must not result in or increase the following:

a) Flooding of other properties in rainfall events up to the 10 per cent annual exceedance probability (AEP); or

b) Inundation of buildings on other properties in events up to the 1 per cent annual exceedance probability (AEP)

- The diversion and discharge must not cause or increase nuisance or damage to other properties.

The continued accumulated effect of stormwater runoff from rural buildings (unless declared a commercial building) is completely ignored by Auckland Council through 'The Countryside Living Toolbox' documentation that declares that the rural building's water tank is the receiving environment, and that no stormwater management is therefore required.

It can be concluded that all of the above legislation fails to protect Aucklanders from rainfall events greater than a 1 in 50-year (2-year ARI or 50% AEP), at best maybe a 1 in 10-year (10-year ARI or 10%AEP). If this is the legislation that supposedly protects us from flooding now, we can only wonder at what catastrophic disaster awaits as a result of the intensification of Auckland's urban environment through the MDRS and NPS-UD development.

Auckland Council's above legislation fails to achieve hydraulic neutrality, allowing the difference between the pre-development and post-development stormwater run-off peak flow rates and volumes to be conveyed away from development sites via secondary drainage overland flow paths for events up to a 1% AEP rainfall event, into other Auckland urban and rural low-lying areas (1% AEP floodplains). Even then the urban pipe capacity is mostly only designed for a 1 in 10-year rainfall event and that stormwater (if not directly piped out to sea) will also be conveyed and discharged in a manner that makes its way into rural or other lower-lying floodplain areas.

To protect the public and their property, habitable building floor levels are required to have a contingency freeboard above the 1% AEP flood levels. Clearly when dealing with high-risk rainfall events this contingency freeboard has either been:

1. seriously under provisioned for in height;

2. impacted by newer developments either adjacent to, upstream or downstream through their large increases in impervious surfaces;

3. a requirement that has simply been ignored for so many Auckland houses (including more recently built developments); and/or

4. that the overland flow paths, culverts, channels, streams and authorised stormwater networks or combined sewer network systems have not been maintained or been required to be maintained by Auckland Council to a standard that would be expected to allow for the free unimpeded flow of stormwater runoff.

Why so many buildings were already located and identified as such through the GEOMAPs Auckland Unitary Plan maps to be located within the 1% AEP floodplains, is a question that urgently needs to be address by Auckland Council. Perhaps prior to other development within the same catchment there was a time that these buildings were in fact not located within what is now mapped as the 1% AEP floodplain.

The hydraulic neutrality approach requires that all rainfall on a development site must be managed on that site (at source) through retention, disposal on site or through attenuation to ensure that the stormwater run-off post-development peak flow rate matches the pre-development peak flow rate.

The aim is that no additional stress is placed on existing stormwater systems by new developments, so that the risk of stormwater flooding in heavy rain events is reduced.

The letter written by Hon David Parker (Minister for the Environment) dated 6 April 2023 granting Auckland Council an extension to PC78 states the following:

• Taking a water sensitive design ('sponge city') approach to urban development will enable better management of local and catchment wide flood risk …

• More integrated planning approaches such as masterplanning (or 'structure planning') could guide development and protection of these areas… This would occur alongside funding tools such as development contributions for the upfront provision of the blue green network and required flood defence and other mitigation measures.

It can be concluded from points that for both a 1 in 10 year (10-year ARI or 10% AEP) and 1 in 100 year (100-year ARI or 1% AEP) rainfall event that Auckland Council's legislation fails to achieve hydraulic neutrality, allowing the difference between the pre-development and post-development stormwater run-off peak flow rates and volumes above the 90th or 95th percentile to be conveyed away from the development site.

If Auckland Council is truly committed to improving the levels of flooding (as suggested within their Network Discharge Consent) being experienced within the Auckland region, then better utilisation of stormwater run-off management devices and other measures that provide resilience to the effects of climate change and extreme rainfall events should be introduced across both urban and rural zones through introduced policy that will take into consideration an integrated catchment management plan approach to mitigating natural hazards.

During 'Plan Change 54: Enable Rainwater Tank Installation in Residential and Rural zones', the mandatory requirement for installation of retention/detention tanks for all new developments and re-development was suggested as a means to create resilience to the effects of climate change.

Such permanent retention/detention tanks could provide a measure of resilience for Aucklanders during periods of pro-longed drought, and also be a resilience measure able to

be used along with other measures to achieve hydraulic neutrality to provide resilience to the effects of climate change, helping to reduce the stormwater run-off through attenuation during extreme rainfall events.

To date Auckland Council still has not proposed legislation that would require all new developments to install retention/detention tanks.

The Council should also consider using stronger Auckland Unitary Plan (AUP) controls to prevent large impermeable areas such as driveways, carpads and terraces in new and existing sites. These controls should be used alongside non-regulatory measures to encourage increased site permeability through private and community-based re-vegetation schemes.

Resource Management Act 1991 S80E states that ...where density is supported by appropriate stormwater infrastructure to ensure communities are safe and resilient to the impacts of climate change:

may also amend or include related provision, including objective, policies, rules, standards, and zones that support or are consequential on the MDRS or policies 3 and 4 of the NPS-UD. These related provisions also include provisions that specifically relate to storm water management (including permeability and hydraulic neutrality).

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 regard to each of the nine initiatives my comments are stated below:

Increased maintenance

I agree that there should be more frequent street sweeping and catchpit cleaning, but this should cover the entire urban area to reduce blockages and rubbish entering the stormwater network. This should include more specific targeting of higher risk and heavy leaf-fall areas. However, street sweeping and catchpit cleaning in many cases may not be effective due to street parking and other large obstacles parked beside the roadside kerb and over catchpits.

The initiatives of street sweeping and catchpit should include a dedicated team of council employed staff tasked to manually pick up rubbish in conjunction with the street sweepers. The public roadside berm within rural areas should also be included with an improved initiative for manual pickup of rubbish prior to the moving of all roadside berm areas at

least twice yearly, along with the monitoring and maintenance of rural road channels to ensure flow conveyance of stormwater runoff.

It seems pointless to build new catchpits with bigger inlets unless the pipe capacity is able to cope with the increased inflow. Such an initiative would surely require increased pipe capacity above the stormwater network currently that is stated to be only being able to handle lower-level flooding events.

Public overland flow paths should be managed, and stream clearance should be undertaken on a business-as-usual approach by Auckland Council. Like the street sweeping and catchpit clearance, the management of all overland flow paths and stream clearance should never have been left to degrade into a state of disrepair by Auckland Council to the point that such a fundamental requirement would need to be an initiative for this plan. All overland flow paths should be managed and all public streams should have on going, regular checks done, clearance and maintenance undertaken , whether they are urban or rural.

Flood intelligence

The greater knowledge gained, then the better prepared we should be to cope with extreme rainfall events, along with keeping all new development out of areas that may flood from stormwater runoff and/or coastal inundation. Investment in planning and modelling tools that provide accurate data to help understand flood patterns and assess future risk is crucial, particularly when developing a catchment wide Integrated Catchment Management Plan. However, you need to gather accurate robust data and sufficient data to make it worthwhile investing in such tools. Otherwise, the exercise will simply be a waste of taxpayers money, through paying for planning and modelling tools that produce reports that are not accurate because of inaccurate data or lack of sufficient data. Increased numbers of river or stream flow and level gauges, rainfall gauges and measurement of tidal influences for catchments is necessary to achieve a better level of understanding, to provide the ability to gather and accurately record data on which planning and modelling tools can be based. All planning and modelling tools being used should be carried out over the entire catchment area to ensure that development sites do not adversely impact others within the catchment.

For example, the Tonkin and Taylor report produced for the I408 Clevedon Precinct targeted a specified area around the precinct only. The report was produced using both inaccurate data and insufficient data. No Integrated Catchment Management Plan exists for the Wairoa River catchment area or the I408 Clevedon Precinct area.

I agree that all data from recent storms should be incorporated into the AUP GEOMAPS Flood Viewer and that there should be enhanced monitoring of hotspots and that the use of early warning alerts would help with protecting people and keeping them safe.

Community-led flood resilience

Local knowledge is invaluable for flood management, and perhaps the extreme weather events experienced recently will further help to encourage Auckland Council to take note and listen to the members of the community that have experienced flooding either for the first time recently or who have experienced flooding before.

Stream rehabilitation

The rehabilitation and maintenance of all (public and private) streams and rivers to be more resilient to floods through the removal of weeds, rubbish, debris, dead or fallen trees, other obstacles and erosion that cause blockages and less space for water to be conveyed freely is an important initiative.

Private landowners whose land drain into streams that are blocked are left in a position of being unable to drain, which increases surface flooding and saturation of land.

Blocked streams and rivers with less space for water overtop easier, pushing floodwaters and coastal inundation unnecessary onto low-lying land.

Vegetation management, slope stabilisation, bank battering and stream channel modification (provided it does not adversely affect other sites within the catchment) to improve the flow dynamics of the stream and reduce erosion are good initiatives. Although what vegetation is used and where is crucial, as vegetation can increase blockages, particularly if the vegetation used for slope stabilisation is not suitable and in fact adds to the erosion problem.

However, as part of the overall stormwater system I believe that all streams should be maintained, not only those streams that Auckland Council deem critical high-risk streams/rivers.

Rural Settlements

We live rural and are being adversely impacted through the continued pressure from the growth/use of impervious surfaces that have and are changing the flood risk profile for our area. I have outlined above and detailed appropriate solutions that would help to develop flood management solutions for our rural community that should be implemented by Auckland Council.

Resilience centres and community hubs should be solely determined on accessibility for those members of the community that are likely to be affected. As with many buildings, marae in our area (and perhaps other areas) due to their location more often than not become isolated, cut-off by road flooding are therefore unable to be appropriately accessed by the majority of the community in order to be used as resilience centres or community hubs. Any investment of ratepayers money in physical works around marae building capability and reduction of vulnerability to effects of flooding and extreme weather events should be based solely on merit and suitability as to their location due to flooding isolation and accessibility of the marae by members of the community that are likely to require

resilience centres or community hubs. This should be the case for any investment of ratepayers money in physical works for any building selected as a resilience centre or community hub.

In addition to providing any necessary advice on managing private rural water systems, Auckland Council should require that all private drainage should be fully contained within the lot serviced for either new development in rural areas or existing buildings included within a rural subdivision. The continued allowance by Auckland Council of an accumulating stormwater runoff effect from rural buildings needs to be addressed through the use of Stormwater Management Devices, soakage pits and other low impact designs to ensure that the flow rate and volume of stormwater runoff from such development is dealt with on site.

Culvert and bridge upgrades

The upgrading of capacity, expanding areas of inlets and safety of high-priority culverts and bridges should only be undertaken if Auckland Council are able to avoid downstream adverse effects honestly and transparently. It is not acceptable to carry out such work if there is any risk of increased flooding risks to other sites within a catchment through alteration of the flow rate, depth and volume from such work being undertaken.

Blue-green networks

The creation of new open spaces in areas of high-risk of flooding to collect and provide for additional capacity for stormwater runoff is a good initiative and helps to create a sponge like city. However, I agree that careful analysis and consideration as to where, how and how much capacity will be gained, toward what the risks are and to public safety around the creation of these new open spaces is critical. Such open spaces and their respective capacity levels should be incorporated within an Integrated Catchment Management Plan for each catchment area.

The blue-green network should be applied across the entire Auckland region to help collect rainfall during heavy storms to reduce risk to people and property, with the most high-risk areas being addressed first.

Increasing planting numbers of trees and vegetation throughout urban Auckland areas and rural parks etc would also help change the flow rate and volume of stormwater runoff during extreme rainfall events. Bush covered land has a lower hydraulic curve number than pasture and is far more permeable.

Open space areas and open streams are able to provide a greater level of capacity to hold flood waters provided they are maintained in a suitable condition to do so.

Overland flow path management

Many Aucklanders are likely to not be aware of the importance of overland flow paths, their impact on their property, along with the impact on their neighbours and the need to keep overland flow paths clear of obstructions. However, this responsibility is not just limited to private landowners, but also public overland flow paths need to be kept clear of obstructions.

I agree that Auckland Council should increase the awareness through providing information and advice to homeowners, community groups and industry professionals around how to correctly manage an overland flow path on their property.

This should include on-site assessment by Auckland Council to identify blockages on private properties and take the appropriate action where necessary to ensure that overland flow paths are clear of obstacles and are not impacting their property or their neighbour's property.

I disagree that large scale projects should be approved by Auckland Council that would result in any increase in flow rate, volume or depth of waters being conveyed by overland flow paths. Site solutions need to be found that are suitable, as it should be the responsibility of developers to achieve hydraulic neutrality through onsite solutions so that the increased stormwater runoff problem is not just redirected, conveyed and discharged in a manner that it would adversely impact other sites either adjacent to, upstream or downstream of the development site.

High risk properties

Working with individual property owners that are exposed to high flood risk, to develop solutions may be helpful, but this would really depend on what the costs and solutions being offered up by Auckland Council are.

Auckland Council should always be mindful to engage with empathy toward members of the community that have found themselves left in such an untenable position. Many of these individuals have already endured so much misery and devastation at the hands of these extreme rainfall event and need to be helped in the most appropriate way possible to help move forward or mend what is broken.

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 discussed above I believe the following activities are important to manage flooding are as follows:

- Require Watercare Services Limited to provide reservoir capacity for attenuation capacity to match post dam development with pre-dam development for up a 1% AEP

rainfall event for all dams (including the Cosseys dam and Wairoa dam) that adversely impact people, property or the environment within their respective catchment's.

- Require Watercare Services Limited to provide reservoir capacity for attenuation to match post dam development with pre-dam development for up a 1% AEP rainfall event for all dams (including the Cosseys dam and Wairoa dam) to enable impacted rural communities to be more resilient, and resilience to the effects of climate change in terms with the NPS-UD for urban environments (I408 & I409).

- That all recent and future urban developments are actually required to achieve hydraulic neutrality through the appropriate use of stormwater management devices, low impact design and sponge city concepts that achieve an accurate matching of post development and pre-development peak flows at the development site.

- All new stormwater systems and all existing stormwater systems designed for and be based on a high level of risk to enable resilience to extreme rainfall events and climate change in a manner that must avoid adverse impacts on people, property and the environment. This is to be achieved through the incorporation of appropriate on-site stormwater management devices, low impact design and sponge city concepts.

- That the creation of impervious surfaces in a catchment undergoing development (urban or rural) within the Wairoa River catchment does not contribute to an increase the volume, flow rate, or depth of stormwater or any accumulated increase in volume, flow rate or depth of stormwater.

- For Auckland Council to implement the AUP I408 Clevedon Precinct legislation as it was intended, and

a. ensure that development does not increase adverse effects from flood hazards, including increased flood, depths and velocities, experienced upstream or downstream of the site, taking into account the hydrological characteristics of the catchment and the vulnerability of activities within them; and

b. require stormwater run-off to be collected, treated and disposed of in a way that avoids, remedies or mitigates adverse effects on adjacent sites or sites upstream or downstream in the catchment area.

- Upgrade existing pipe network to carry 1% AEP rainfall events in areas of higher risk and where the conveyance and discharge of such upgraded pipe work does not adversely affect other sites within the catchment either adjacent to, upstream or downstream to the outlet point due to an increased stormwater runoff flow rate, volume of depth.

- AUP legislation and the Network Discharge Consent should be updated to reflect a fit for purpose 'high risk' approach. The current AUP legislation as outlined above has been based on a 'moderate risk' approach and it is clear from the flooding events recently experienced that this legislation will not provide the required level of resilience needed to

adopt to more extreme rainfall events as more development changes the hydrology of our region.

- The use of 1% AEP floodplains that have buildings (including habitable floors), businesses and productive land located within the floodplain area should be prohibited from being able to be designated as and used as Stormwater Management Area for urban development.

- Any problems directly associated with stormwater runoff from increased impervious surfaces should be dealt with and accommodated for on-site by the development responsible for any change in hydrology. Auckland Council should review all AUP legislation and the Network Discharge Consent to ensure that the current practice of ensuring the stormwater is redirected, conveyed and discharged away from these development site in a manner that adversely impacts others within the catchment is prohibited and ceases.

- Ensure that the existing established free flow and conveyance of stormwater runoff is afforded the appropriate level of maintenance to ensure that all channels, overland flow paths, culverts, streams and authorised stormwater networks or combined sewer network systems are clear of obstructions (debris) fully functional at all times.

- To ensure that economic activity is re-established to enable equity and economic prosperity for all individual members of the community, and not justified through a 'public' perspective.

Storm Recovery and Resilience Consultation #5

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Your feedback

Local Board: Henderson-Massey

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

Local roads flooded - western beach communities cut off and houses and infrastructure affected by floods and land slides. I was pulled away from my normal work duties to work civil defence for over 2 months

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 house and immediate neighborhood local infrastructure unharmed

Council played an enormous role in the emergency response and recovery

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

My livelihood and immediate neighborhood community unaffected by the weather events

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

Don't allow intensification without the appropriate infrastructure - do not allow residential housing/subdivisions to be built in flood planes

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Adding a targeted rate is not acceptable on top of an already high rates increase just implemented through the annual plan process. Central government needs to fund more support. Purchasing the land has additional operating costs associated with it and this option does not detail costs for structure demolition and ongoing maintenance. We can't afford to maintain what we currently have - why add additional assets to an already burdened ratepayer.

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 add a targeted rate.

Storm Recovery and Resilience Consultation #7

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Your feedback

Local Board: Henderson-Massey

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

The poorly maintained roads were covered in slips and effected by underslips.

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

Affected by slips or landslides, 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?**

If the council stopped wasting money on the central city and speed bumps and improved the roads out west.

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

Stop wasting money on virtue signalling projects and stuck to their core responsibilties.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 in flood zones. Make the roads better and more resilient to water.

Storm Recovery and Resilience Consultation #13

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Your feedback

Local Board: Henderson-Massey

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

The road to my home at KareKare became impassable and I was significantly impacted by the death of a son of long-standing friends who was killed in the flood waters in Wairau Valley.

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?**

Support from each other

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

Commitment by Auckland Council to maintain the roads in and out of KareKare proactively.

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

By proactively developing appropriate strategies for each area at risk.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 know what the 9 possible initiatives are.

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 #17

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Your feedback

Local Board: Henderson-Massey

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

Family member house flooded AGAIN - they are living with us until council sorts out what is happening

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

No support from government or Council

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

Faster decision making and action to mitigate current and future flooding

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

Stop allowing infill housing and new subdivisions to send stormwater into current stream creeks that cannot 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?

This should have been done years ago - plan for the future not the present

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 infill housing and new subdivisions to send stormwater into current stream creeks that cannot cope

Storm Recovery and Resilience Consultation #31

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Your feedback

Local Board: Henderson-Massey

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

We live near the Waiomoko stream (fortunately our house is much higher than the water level), because of the small diameter piping under Glen Road and similar under Don Buck Road, our neighbours were flooded out and the walkway path was washed away multiple times.

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 support ourselves. There has been no help from the council or government

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

For the council to fix/enlarge the piping under the roadways

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

Put some time effort and money into locating these problems and fixing them, rather than paying yourselves more and more and taking money away from the projects that 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?

YOu have already tapped out the ratepayers, with prior/current rates increases, you need to find other sources of funding like government, reducing the council staff numbers, reducing funding to unimportant things

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 #37

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Your feedback

Local Board: Henderson-Massey

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

yes

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?**

Ensure that drains are regularly cleared and have enough capacity - probably some upgrades will be needed.

Manage the retreat (both houses and other facilities) from the path of floodwaters.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #38

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Your feedback

Local Board: Henderson-Massey

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

Our street flooded to our driveway but was much closer to breaching neighbouring homes as they are lower lying. We had a number of neighboring families flooded. Slips over in Massey East.

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 dont think those affected by the floods 'have gotten through' many are still experiencing headaches waiting for insurance or repairs. Ongoing poor weather means it is hard to tidy up sections. We still have a lot of puddles as the water table is so high every times it rains they just fill up again. The footpaths and decks are full of mildew and most.

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

More support to get drainage cleared. Wastewater systems fixed and quicker support for those affected by flooding,

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

We need better stormwater holding tanks so our local waterways arent overwhelmed. Something like the under road stormwater detention tanks in overseas 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?

These all make good sound sense. With the addition of exploring detention tanks under roads.

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 - looking at detention tanks under existing road to stem the flow of water in the stormwater system

Storm Recovery and Resilience Consultation #77

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Your feedback

Local Board: Henderson-Massey

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?**

We ensure our lawn and gravel paths are aerated with an aerator and fork to ensure water can drain through.

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

Stop cars from parking with tyres on berms and therefore stop compacting the ground.

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

Stop the over-density of housing. Water needs open ground or trees to soak 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?**

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 #80

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Your feedback

Local Board: Henderson-Massey

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

Road damage and subsequent loss of access was major for us. Our home was undamaged but those close by were badly damaged. My local bowling club was decimated. I realise we were 'lucky' but our way of life was turned upside down . Our road access has been patched and not repaired which makes us insecure.

I think the insecurity aspect is not to be underrated as it feeds anxiety which in turn feeds poor mental health.

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. I gave up trying to get information through Council /AT. I use FB community pages which I check most days.

One thing I note is that I have a background in market research, I'm good at finding stuff out! Even I gave up.

Communication is absolutely key in these circumstances.

Incidentally I originally went to the Waka Katowice website to check on the road status and couldn't find it. My mistake of course as it was an AT issue - how hard would it be to have a link to help redirect people.

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

Two things.

1. Repair the roads, the slips and the houses - the visual stuff that reminds us everyday of this awful event

2. Start working on resilience factors for the next event.

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

Applying logic to building of houses. There are experts who understand water flow / behaviour - even if it's international expertise, get people who know what they're talking about and listen to 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?**

Apart from the eye watering costs, it's bloody marvellous

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'm not sure if Imissed it but I would like to feel more confident that water / weather factors are taken into account in every new build.

Storm Recovery and Resilience Consultation #84

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Your feedback

Local Board: Henderson-Massey

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

Flood water came from the school across our fence line then under the house, also same issue from Neighbour's above us which at times looked like a river.

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 Govt stepped in to provide leadership as the local old AK mayor Brown was sadly lacking ability to deal with the disaster..

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

To have the council clear the streams of rubbish, check on the manholes which get clogged up with leaves. Let the community know what and when the clean-up will happen.

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

Select a new mayor as this one is hopeless. If we AK had an election now, he wouldn't get back elected. As it was he only achieved 15% of the AK population vote.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 report is correct and that some of this cost will be absorbed by rate payers.

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 rid of the old mayor Brown.

Storm Recovery and Resilience Consultation #86

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Your feedback

Local Board: Henderson-Massey

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

Badly. Our house got flooded and the issue still hasn't been fixed that caused it.

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. We've just had to be patient waiting for insurance.

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

The council actually addressing intensification and not building proper storm systems for this number of houses and no proper drainage pathways

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

Get better at infrastructure management especially as we intesify and reduce the number of ways water can flow back into the 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?**

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 sub-dividing!

Storm Recovery and Resilience Consultation #91

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Your feedback

Local Board: Henderson-Massey

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

The drains at the Bottom of matuhi rise were blocked and it caused flooding to some houses at the bottom of the cul-de-sac. The water from the playing fields flooded a house. The water had been flooding down the drain for many days before the big flood.

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 had a blocked drain repaired. This drain was blocked due to council tree roots.

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

We need the drains and storm water to be cleared. The council tree leaves/roots block the drains and need to be cleared.

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

Clean the rivers, streams and stormwater. Couldn't we get the armed forces to come and clear the 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?

We need to stop homes 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?

Storm Recovery and Resilience Consultation #112

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Your feedback

Local Board: Henderson-Massey

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

Water logging in front of 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?**

Had to get the roof fixed and replace the entire insulation under roof

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

Financial Help with the fixing

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

The water level dropped in few hours from the road but

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 we currently pay is already a lot on pocket due to rising cost of 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?**

Storm Recovery and Resilience Consultation #123

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Your feedback

Local Board: Henderson-Massey

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, 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?**

Nothing much

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

still not recovered

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

Cut vegetation along the road edges 5 m back to allow access to culverts and drainage for water to drain and for banks to be able to be monitored

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?

On rural roads really important to keep vegetation along the road edges 5 m back to allow access to culverts and drainage for water to drain and for banks to be able to be monitored

Storm Recovery and Resilience Consultation #131

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Your feedback

Local Board: Henderson-Massey

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

Yes. We had floods just down the hill from us in the opanuku stream area. And a lot of surface water around our property

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?**

Amazing set up of WEst Aucklans is Flooding group, Presence of Local Board Members and MP out in community and everyone generally chipping in.

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

Support for those houses most affected to have their needs met even if that means a buy out. Like much of Auckland we are still sodden with the ongoing wet weather and our roads, footpaths and driveways are all showing evidence that the level of ground water is causing ongoing problems.

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

Use of permeable concrete and roading surfaces, moving housing out of old river beds, replanting natives. Keep up relationships with a larger number of welfare centres. Some of the initial welfare centres set up were untraceable. And please make use of those who are trained in civil

Defence to help man welfare centres etc. plus please ensure that council staff are not working beyond 12 hours per day in the active response period. As someone who works in the space of looking after the well-being of professionals its concerning to see staff pulling Long hours to the detriment of their well-being.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 outline seems a good initial 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?

More action around permeable surfaces

#131

Storm Recovery and Resilience Consultation #152

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: Henderson-Massey

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

We had to wade/drive through poop/toilet paper/tampons etc to get out of Takapoo St Henderson. We lost 6 good neighbours because they had to move out. Our basement got 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?**

My husband is a handyman and fixed our house himself.

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

If the council did their job and cleared streams and AT did its job and cleaned out drain grates and gutters.

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

see above comments and then restructure the bullshit bureaucracy out of council. Ensure infrastructure is upgraded BEFORE cramming in 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?

Does the council have any initiative?

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

basic maintenance

Storm Recovery and Resilience Consultation #153

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: Henderson-Massey

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

I luckily did not suffer during this event.

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 nothing to get through.

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

I had nothing to get recover from..

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

Decades of Car Dependency and bad engineering decision have got Auckland to a "bad place".

The power of water has been under estimated by many people.

Heads need to come out of the sand and accept that Climate Change is a force to be reckoned with.

Creeks and rivers MUST be Day Lighted to better cope with these 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?**

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?**

Cost saving, as a function of Council, has got us to this place. $$$$$$$ unfortunately are the solution.

#153

Storm Recovery and Resilience Consultation #204

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: Henderson-Massey

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

People in my area of Te Atatu Peninsula were mostly affected by surface water collecting in low areas and then draining through properties along old stream paths and towards the now underground stream that runs between Neil and Kervil Avenues.

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?**

Getting to know rach other better, sharing phone numbers, learning how our street floods and how to recognise/mitigate that before it gets really bad.

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

If we knew that the source of most of the flooding, Te Atatu Park, was altered to contain the water rather than facilitating its drainage across the parking lot and onto Neil Ave

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

Understand where the water wants to go and facilitate it getting there as directly as it can to minimise damage and where that isn't possible to hold/divert it so that it can dissipate slowly.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 to cover most of the bases of things that give the most bang for our buck.

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

Altering green spaces in the community, such as playing fields, in simple ways so they can act as catchment areas. This is something that has been done very successfully around the world.

Storm Recovery and Resilience Consultation #238

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Your feedback

Local Board: Henderson-Massey

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

Only access to certain areas by 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?**

Nothing.

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

Not personally affected.

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

Preparedness in terms of anticipating similar rain fall and allowing for quick moving of water away from potential 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?

Council has to be more innovative in ways of generating revenue and not resort to residential rates increase as the first option.

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 #249

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Your feedback

Local Board: Henderson-Massey

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

Water comes across from the neighbours peppery and gets into the foundations of my house.

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?**

Sand bag distribution

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

Flooding prevention solutions e.g drain installation

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

Regularly clean and inspect drains, provide discounted solutions for home owners, require all new builds to have adequate drainage/ green areas to soak up 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?

It's disappointing that the council is reactive rather than proactive

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 builds should be required to have adequate green space and drainage and also pay into the council's fund for storm water recovery projects

Storm Recovery and Resilience Consultation #257

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Your feedback

Local Board: Henderson-Massey

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

I had flooded land (just a few cm) but then the water flowed across my garden and out to 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?**

I lent a pump to neighbours.

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

About 100 m from my property there is a steep drop to an estuary (Te Atatu Peninsula). I am a little concerned as to whether ground water might destabilise this.

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?**

A communication hub at eg library would be helpful in organising assistance.

Storm Recovery and Resilience Consultation #264

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Your feedback

Local Board: Henderson-Massey

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

flooding and road closures . houses not habitable

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 that the council did

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

Helping the people who have lost everything. Then analysing how we can prevent the flooding happening again and presenting a constructive working plan

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

The council needs to keep the leaves out of waterways by using more street sweeping and sump cleaning. Then the council needs to take responsibility for keeping streams clear so the water flows freely during heavy rain. Do not let developers build on flood prone properties and open flood plane areas. I have seen several flood planes being slowly built on out west which is causing problems with flooding especially with more hard areas around housing causing flooding further down the 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?

Professional town planning is all that 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?

We live in Henderson Heights and the developer(s) here have provided really good flood prevention with wetlands,retention ponds etc. controlling the water flows.

Storm Recovery and Resilience Consultation #268

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

Kraayenhof Investments

Local Board: Henderson-Massey

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

Significate.

Power outage for a week.

Mountain Rd slips blocked the whole road above & below us so could not access food for 4 days.

Slip is still affecting the road which is done to one lane. Auckland council still not repaired.

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?**

networking with community residents association.

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

Contact with council on updates on progress with clearing and rectifying ongoing slips

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

Design and build porous roads, which will help avoid potholing more open drains.

Clearing streams, having a reporting web page or Facebook page people can post problems on for Auckland council to action.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 to start building porous roads, footpaths, play areas that absorb water, Not shed water.

https://megamanual.geosyntec.com/npsmanual/porouspavement.aspx

https://tomorrow.city/a/sponge-city

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 start building porous roads, footpaths, play areas that absorb water, for existing and future developments. Not shed water.

https://megamanual.geosyntec.com/npsmanual/porouspavement.aspx

#268

Storm Recovery and Resilience Consultation #269

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: Henderson-Massey

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

Total inundation of the property, but thakfully not the house (by a centimetre...). The road outside went under water, forcing many people to either risk going through, or turnin g back to find another way round

the waters literally got within an inch of coming into the back of the house, when suddenly they seemed to fall . I realised after the event that this must have been the moment a chunk of the panelling at the other side of the house - covering over the underfloor area, had snapped off, allowing the water to flow away. So, in response, my builder, when repairing the damage, has put in a few decking planks at ground level, with gaps, so that at least water will be able to move relatively freely beneath the house, should it all happen again. I also learned to open my front gate and garage door if water levels start to rise. The metre of water gushing down the path was so forceful that it bent my metal side door, and almost took out the garage door. But for neighbours who waded up the flood to alert me to open the garage door, that would have been yet another insurance claim. So, I've learned more about my best response, and also hopefully helped the house prepare too.

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?**

Efficient insurance response, although of course it all took time, with so many claims to deal with

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

My home is in line for water coming down the slope above, so always worrying when the rain is forecast.

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

Keep waterways cleared of debris, local sandbagging centres, make sure warnings are given (already in place, I know -and scary they are 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?

The Overland Flow Path initiative seems to put responsibility onto those of us who may live in such a place. We are not educated as to where the water SHOULD be flowing, so it is hard to know just what we can do to make the water transit 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?

While it may appear the fence was stopping easy flow of water, without it, my house would probably have been inundated, so solutions are very much property by property, not necessarily covered by a blanket answer


#269

Storm Recovery and Resilience Consultation #283

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: Henderson-Massey

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

My area was lucky not to be 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?

Ensure drainage is not blocked and improve 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?

Good to start working on storm water 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?

Storm Recovery and Resilience Consultation #311

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: Henderson-Massey

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

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?**

Improve stormwater capacity and fix roads properly not just patch them so that 1 month later the holes reappear.

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

Check the forecast.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Improve stormwater connections but focus this money on development areas that were zoned for intensification under the AUP.

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 the requirements for permeable areas when new buildings are constructed, regularly inspect stormwater retention tanks which are required for building compliance and instruct property owners with poor stormwater connections and low permeability to improve connections or increase permeability. Improve the permeability survey requirements for new builds so that for building sites that have removed the soil top layer all premeable areas are inspected after foundations are poured and inspected again after top soil is reinstated. Only allow continuous areas of 10m2 or greater to be included in permeable land area calculations. Deduct permeability areas surrounding buildings and fences relative to their height.

#311

Storm Recovery and Resilience Consultation #369

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: Henderson-Massey

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

My house wasn't impacted directly

My neighbourhood experienced heavy flooding, streams overflowing, 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?**

Haven't really noticed much other than road repairs

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

No roadcones or signs of the floods

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

Better stormwater and other methods of keeping water away from people's 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?

They all sound like good ideas on the surface

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 #395

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: Henderson-Massey

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

Flooding in our street and in the bottom of my son and daughter in laws home. I live with them. I was flooded out of my bedroom and lost drawers, clothes, towels, blankets and sheets which were used to try and mop up the 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?**

The payment from winz helped while it lasted as I had to replace alot of my things. The hub in west auckland that provided support to the community.

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

Returning back to normal life. Bring able to move back to my home and have my room back. People not having to wait such a long time for insurance to pay out. Insurance companies being more accessible by phone email so that we can chase up claims. 2 or more hour waits by phone if u are working u can not sit on the phone and wait that long. Ami had no email access. The money has only just been paid out almost 7 months after the floods. I have

been living in my sister's lounge with my belongings scattered between 3 homes. First time in my life to be displaced. I suffer now with huge anxiety especially when it rains. My story will be similar to all those affected. Having a mayor who responds to the crisis in a professional manner who actually knows what he is doing would help hugely.

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

Firstly we need to know how to take care of our own properties. So education around where storm water drains on one's property are would help. The council need to stop allowing houses to be built too close to those danger zones. Introducing more wetlands on flat areas around problem streams. Stopping the over population of Auckland surely will.mean we won't need as many houses in inappropriate areas but also we won't be putting undue pressure on the already run down drainage and inadequate or out of date pipes that we currently have. The council needs to be taking more care and updating our infrastructure now. Stop paying councilors and the mayor and those in council the crazy income they do. Stop spending ridiculous amounts of money on crazy things like blocking of lanes and painting roads blue (in Henderson) and plant boxes when it is clearly not what rate payers or business people wanted. Eke Panuku and the $192 k waisted and all the money that went into that scheme and paying those people to make uneducated decisions. That money could have been better spent on starting wetland projects to help drain away excess storm water from Opuanuke stream.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 ole rate payers will have to pay again. With the cost of living the way that it is people are already and have been struggling for ages. I think the council needs to take a good hard look at itself and stop unnecessary spending at once. The council and councils before this 1 are renowned for spending our money unwisely on buildings, creating super cities paying huge money to top level putting money into hair brained schemes that fail like food scrap bins and we are forced into it. I do think the initiatives are decent but I object to the people of Auckland having to fork out yet again to fund these through hiked up rates. This council and previous councils have ignored the issues along the Opanuke stream for years. Flooding has always been an issue yet nothing has been done. There will be more money given to another planning group like Eke Panuku to make decisions on how to proceed. Same old same old.

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 the money directly into the area needed instead of wasting it on paying for the planning groups to sit around and talk about it for years to come.

#395

Storm Recovery and Resilience Consultation #397

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Your feedback

Local Board: Henderson-Massey

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

Not at all as we were on a 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?**

Neighbours and foodbank help.

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

All good.

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

Keep emergency staff ready.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Certainly sounds like worthwhile stuff, if somewhat over-priced.

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 #407

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Your feedback

Local Board: Henderson-Massey

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

Very 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?**

Community working bees, communication and looking out for one another

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

The roads to be fixed.

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

Not building back into flooded or slip 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 #416

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Your feedback

Local Board: Henderson-Massey

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

Massive floods all around me. Neighbours were flooded. Luckily we have well-designed open, vegetated swales and a stormwater pond in our medium-density community instead of traditional SW, so no flooding here. Playgrounds, walkways, beaches and pools closed. My mother visited from overseas and couldn't take my daughter to anything she wanted because everything was closed. Good climate-positive and high return on investment projects like cycleways, PT network improvements, etc are getting delayed/cancelled because funding is being sucked up by rebuilding and so-called "resilience" boondoggles because both major parties think resilience = more 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?

Remove impervious surfaces by narrowing streets, removing on-street carparking and replacing with soak ponds and more trees.

Keep existing infrastructure clear.

Encourage more on-site storage.

Change zoning to allow block perimeter housing, with greenspace in the middle, instead of townhouses and sausage flats in seas of parking. https://www.morehomes.nz/

Prohibit big box stores and massive carparks.

Conscious retreat - identify high-risk roads that will not be repaired when slips occur.

Prohibit building in high-risk areas & buy out flooded homes (make sure the resident is supported, not just the bank and/or landlord).

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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) Blue-green areas are a great initiative!

2) Prioritise anything that will also help meet other goals, like reducing driving, etc.

3) High-risk property projects should prioritize properties in low-income areas, especially owner-occupied homes. Please do not spend our rates on major projects to help stabilize cliffs under wealthy homes with sea views until all the homes in low-income flood plains have been addressed first. "Hardening" of streams and waterfront should not be considered - that just moves the problem further away.

4) Costs / revenue

- Rates should not be higher where investment is higher, especially in low-income communities. Rates should be higher on an "ability to pay" basis and especially in wealthy central communities that have blocked essential infill development for years, forcing new greenfield sprawl in flood prone areas.

- Further cost savings should come from reducing spending on expanding roading capacity (especially unnecessary boondoggles like Mill Rd), reducing road surface maintenance, reducing paving of rural metal roads, selling parking assets for development, reducing roadway widths to reduce maintenance burden, etc.

- Additional revenue can be generated through on-street parking fees, charging for park and ride, off-street parking levies on private properties, impermeable surface levies, 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?

1) This needs an approach to reduce impermeable surfaces by, e.g., removing carparking and narrowing streets during routine maintenance.

2) Encourage more on-site storage with support for storage tanks, etc.

3) Change zoning to allow block perimeter housing, with greenspace in the middle, instead of townhouses and sausage flats in seas of parking. https://www.morehomes.nz/

4) Prohibit big box stores and massive carparks.

5) Conscious retreat - identify high-risk roads that will not be repaired when slips occur.

6) Prohibit building in high-risk areas & buy out flooded homes (make sure the resident is supported, not just the bank and/or landlord).

Storm Recovery and Resilience Consultation #423

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: Henderson-Massey

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

No damage to property but our road was inaccessible for a few hours due to flooding and homes flooding at end of our 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?**

Restoration of our local park with some future proofing

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

Work more with nature, don't build in its 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?**

It seems quite comprehensive and logical

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

Other ideas to implement over time around the idea of sponge cities

Storm Recovery and Resilience Consultation #428

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Your feedback

Local Board: Henderson-Massey

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

Affected movements and travel

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?**

Keep up to-date with weather information and check on neghbours

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

To see some preventative measure conceived and implemented

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

Keep the community fully informed...information clear and readily available to members of the community. Prepare the environment for event by making sure that waterways are clear and flow freely at all 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?**

The initiative is fine. Auckland is dubbed as the biggest Polynesian city in the world due to the number Polynesia and Pacific island people living in Tamaki Makarau. Approximately 95% of them belong and go to Churches and religious organisations. The initiave should involve Church thus involving Pasifika 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?**

Awareness drive and information target homes and children and schools.

Storm Recovery and Resilience Consultation #437

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Your feedback

Local Board: Henderson-Massey

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

Where I stay we weren't 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?**

Being made aware via radio and social media

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

Making sure all drain are cleared and that road work inspection are done to make sure no sink hole occurs

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

Sending more warnings texts to insure the ones who live out west but work in south Auckland have enough time to get home or pick up kids from school due to schools closing down and not get stuck in floods making it a headline on radios and social media

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

New Zealand already in a crisis most families are already struggling to provide to keep roof over their head and put food on the table for there kids if anything home owners and Aucklanders shouldn't have to fork out more money you's have already increased the land rates and rubbish tags why can't the government pay 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 #444

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Your feedback

Local Board: Henderson-Massey

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

Severe flooding further down the road from me blocking roads, My home had had the lower ground of the house flooding with 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?**

People spending days cleaning up there homes, waiting for the water to subside.

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

When you get back to pre storm life.

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

Increasing the size of the storm water drains and pipes. Digging out some of the waterways to make them wider and flow faster. Raising some areas of road that flood even when its not a cyclone (for example the corner of henderson valley and great north road). Getting specific information from home owners that had to vacate their homes as to what areas they saw blocking up first

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 better start being accountable for the money used in all these 'initiatives' You can say 1.65 billion but show where its spent with actualy pages that the public can look at. You can be sure the taxpayer union will be watching.

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

Have community probation clear the waterways. They have hundereds of people that need to do community service as part of their sentencing. They currently volunteer in schools etc. Contact them to discuss getting all the streams free from rubbish.

#444

Storm Recovery and Resilience Consultation #462

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Your feedback

Local Board: Henderson-Massey

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

West Auckland was hugely affected by the extreme weather events. Our house was ok but many in our neighbourhood were flooded or damaged. There is also a lot of lingering anxiety.

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 government and councils, fast insurance response, in person drop in centres. Community organisations.

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

Clarity on plan going forward. Clear climate action

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

Planning around developments, stipulations and rules about wetlands etc. More focus on where is zoned for development.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 happy with additional rates for this 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?

Storm Recovery and Resilience Consultation #467

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Your feedback

Local Board: Henderson-Massey

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

Minor flooding at our home but major flooding in our community

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?**

Help with clean ups in area

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

Removal of houses restoration of streams and natural floodpaths.

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

Remove houses. Restore streams. Restore areas where streams can naturally flood. Provide new housing for vulnerable families that have lost homes or are living in marginal ones.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Stream resoration and natural areas for them to flood is a great idea.

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 to look at bringing some of aucklands hidden streams back to the surface with appropriate flood area restoration and wetland resoration.

Storm Recovery and Resilience Consultation #481

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: Henderson-Massey

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?**

unknown

I live close to the Sunnyvale train station and the houses around the train stations are all somewhat damaged, the creek and park is still in disarray months after the storm. I am pretty sure two light poles are still broken and not been fixed at the moment.

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?**

Don't do it. I do not trust the government is able to have it done effectively. Also, Aucklanders are not made of money, the rate increase in every aspect of our lives already makes our life very stressful. Do not make an excuse to increase the rate for 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?**

Storm Recovery and Resilience Consultation #501

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: Henderson-Massey

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?**

Nothing

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

There is a land survey to check on stability even if the area has not been damaged

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

Better drainage and periodical contingency review

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #536

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Your feedback

Local Board: Henderson-Massey

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

Bowling Club was flooded

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?**

Being properly insured

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

Proper cleaning of the drains and street sweeping

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

Clean out and maintain the rivers and creeks that carry storm water. Henderson creek is full of trees that have been swept from the banks because this water system was not properly maintained. Why were these trees not cut back? Is this an example of GREEN policies being detrimental to the public?

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 the intensive housing development before the Council has build the facilities to handle it. In 2014 I opposed the intensification plans in the Unitary plan with out the infrastructure issues of storm water, sewerage water reticulation and roads being addressed before the houses were built.

The damage that has been caused by the weather at the start of the year was entirely predictable and the council is responsible for this happening by enacting the unitary plan with out sorting out these issues first. I suggest the immediate initiative should not be to soak the rate payer for more money but to stop the intensification until the council has built the required 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?

Stop the intensification until the infrastructure is in place

#536

Storm Recovery and Resilience Consultation #542

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Your feedback

Local Board: Henderson-Massey

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

We had blocked drains, storm water rushing up out of drains, roads were flooding around Te Atatu Peninsula shopping center. We didn't know where the closest evacuation center was either

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?**

Clearing drains of rubbish, clearing gutters of fallen leaves piling up street side. Keeping each other informed on ourselves and others in need.

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

Fix storm water infrastructure

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

Mayor needs to be upfront and center at all times, communication with aucklanders needs to be 100%, areas most likely to be worst effected needs to be evacuated first, infrastructure needs investment for improvements do it can cope with future 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?**

Nope as I don't pay 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 #547

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Your feedback

Local Board: Henderson-Massey

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

Not much, our part in Massey is relatively elevated so we were 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?**

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?**

Invest in more money to get old systems renewed and upgraded and new systems built.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 but should expect cost-sharing from the central government too.

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 #562

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Your feedback

Local Board: Henderson-Massey

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

Garden flooding, flooding of gardens and garages of neighbours, loss of habitat and gardens in some cases, house flooding in extreme cases

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?**

Help from neighbours and the wider community

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

To have improvements made so that we can feel confident that future downpours would have less of an impact

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

Making blue/green areas, more frequent street cleaning of drains, larger drains/reservoir 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?**

They all sound positive and helpful. I think the tiered approach for the rate to recover the expenditure would be fairer so that areas where more work was done pay 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?**

Many years ago there was an "adopt a beach" initiative for the public to be engaged to help clean up beaches. I think the same could be applied for streets to ensure that winter leaves, rubbish and general clogging things are kept out of drains and gutters so that the stormwater can move freely into them.

Storm Recovery and Resilience Consultation #573

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Your feedback

Local Board: Henderson-Massey

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?**

No insurance help as insurance say roof is not damaged by weather and community can't help in fixing damaged roof

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

Access to subsidised contractors to do the works on houses damaged where insurance does not cover

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

Bigger roads with bigger drains

Houses not built in low lying areas

Lots of drains to let water keep flowing and not stopping

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 charges to home owners as we have had enough

Ask the mayor to work for free and use his salary

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 #596

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Your feedback

Local Board: Henderson-Massey

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

My neighbourhood was disrupted hugely with many families having to relocate as their homes were no longer habitable. Their stress is our stress as a community.

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 daughter and I reached out to volunteers to help initially with removing carpet, packing salvaged belongings and removing all damaged items. In the following months we have organised neighbours and volunteers to help clean the slash and rubbish, dead trees and stream and reserve edges. This has given us a purpose and some sense of action in the face or inaction.

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

To have the stream cleaned out of slipped clay, returning it to healthy waters. To have the corners taken out to allow the water to flow as it does naturally in severe weather and to have.a flood wreak dug out to ensure this is where excess water goes rather than into our

neighbours houses. To have the streams maintained as they are now stormwater systems with hundreds of drains running into them.

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

By ensuring any development has a robust and long range level of infrastructure implemented before any building begins and restrict drainage running into our streams. By maintaining what exists and improving systems that should have been replaced years ago. Ie drains built to last 10 years are now well overdue for replacement

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #597

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Your feedback

Local Board: Henderson-Massey

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

Severally affected with major flooding in the community of 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?**

Community coming together and supporting each other

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

Knowing that and what the council is and/or going to action to decrease flooding in the future

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

A more reliable/accurate weather watch to provide earlier warning of extreme weather

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #598

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Your feedback

Local Board: Henderson-Massey

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

We are 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?**

Support from the community

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

Assist in paying for the damages

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

Have an escape 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?

This is a good program

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 waste disposal

Storm Recovery and Resilience Consultation #609

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Your feedback

Local Board: Henderson-Massey

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

Local community affected by my house and property was ok. My street was 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?**

Regular clearing of the stormwater drains on the street - many need to be cleared

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 weather alerts come out, drains in flood planes (like my street) should be cleared as a priority.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #617

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Your feedback

Local Board: Henderson-Massey

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

My house were 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?**

Myself and neighbour

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

Infrastructure upgrade and regular maintenance of the stream.

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

Infrastructure upgrade and regular maintenance of the stream

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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, more funding if possible. Cut others non essential like Arts - we are facing life treatening issue and needing that urgent infrastructure fix

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

Introduce fines for people who dump rubbish into the river

Storm Recovery and Resilience Consultation #621

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Your feedback

Local Board: Henderson-Massey

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

flooding - road closures - slip - lack of repairs that continue today - lack of information - complete lack of accountability.

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 mahi

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

if you lot fixed the cause and the damage

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

get rid of the planning and Maintenace bunch in there and replace them with people who know what they are doing. how about going back to the ministry of works for example where these guys would go out in the area every day to check what works and repairs were needed?

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 ratepayers are not a money pot - what happened to the monies already collected via rates - you guys are not doing a good job so it doesn't matter how much more money you need, your spending is wasteful

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

you could start by cleaning the streams , getting rid of the debris that has been building up there for months - put in proper stormwater pipes

Storm Recovery and Resilience Consultation #648

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Your feedback

Local Board: Henderson-Massey

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

I wasn't personally but two family member and several friends were, as were many in the west Auckland community as well as the wider Auckland community

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?**

Resilience and listening the Labour government policies on climate change

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

Hearing that those most effected have an effective payout and the council sorts problem areas asap

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

Build more dams, sort week areas in roads and those prone to flood damage, continue climate change methods and accelerate these. Get behind Labour Government climate change 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?

Go for 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?

Adding to water catchment areas

Storm Recovery and Resilience Consultation #659

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Your feedback

Local Board: Henderson-Massey

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

flooded neighboring houses

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?**

all the damage are repaired

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

do not build houses, and roads where flood will happen every year

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

focus on installing new overland flow path at locations where 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?**

do not approve building new houses at flood prone areas,

Storm Recovery and Resilience Consultation #664

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Your feedback

Local Board: Henderson-Massey

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

Very traumatic experience causing huge loss and damage to my home. I feared for my family's and pets lives with the huge body of water going through our property. This was the second time our street was flooded and it is financially and emotionally devastating.

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 hoping council is fair with buyouts and has adequate remediation plans

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

It would have been appropriate for cleanup and future flood mitigation to start immediately after the flooding and yet here we are still filling in forms and waiting for action while the community endures huge mental stress every time it rains. Yes we understand you need to plan but this is ridiculous. Yes it's a big job and you want to get it right - but it will never be perfect so just get on with it! We are all going bankrupt and struggling with stress while we wait.

#664

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

INFRASTRUCTURE!

Spend money on infrastructure and basics before all the other costly initiatives such as painting roads blue, free bicycle trips, concerts in parks. These are all great ideas but communities need to feel safe and secure in their homes first.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Making Space for Water is fantastic. Absolutely needs to happen. It will also be a great future space for people to use for 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?**

Storm Recovery and Resilience Consultation #697

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: Henderson-Massey

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?**

Affected by floods

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

I have had no help with respect to the huge macrocarpa tree problem

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

Have Kaianga Ora remove this extremely dangerous tree from their property where it is endangering both their house and my house

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

Remove huge dangers like this (instead of just loping off a few branches, which they have done in the past, but which will have made no difference to the dangers these two houses are in , if and when the tree comes down. The tree is about 70 yrs old and has many dead patches in 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?

This tree problem does not come into this category

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 allocation sand bags to residents, so that when storms are predicted, property owners can quickly put them inplace

Storm Recovery and Resilience Consultation #717

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Your feedback

Local Board: Henderson-Massey

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

Our property had over 1.9m of water flow through it. Our neighbors have all had to move from their homes creating a ghost town, meaning crime has risen and also mental health of the community has been pushed to breaking point. The sense of community in the neighborhood is now dead.

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?**

There has been no help.

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

Council to clean out river and clean up damage to local park. Install additional protection for future events. Give more updates on what is going on and not leaving the public with no information, More community meeting to address issue as they arise rather than wait till the issue is unbearable. Install additional protective measure to monitor crime in the area.

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

Send out emergency messages to warn the public that a flooding event might be happening or happen. We have had 10 flood with only 1 warning. Have landlord inform tenants of previous flooding events to ensure they are aware of the risks.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 prefer an increase in rates for payment of this to ensure all parties receive fair treatment and get the help they require. What is good for my neighbor is good for me. If communities cant recover because of cost each pocket of damaged properties will turn into a crime ridden area. Install additional protective measure to ensure residents in the local area have warnings that a flood might happen. Sirens in local parks to warn people in the park and surrounding areas that danger could be present.

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

Community meetings to talk about plans. The people who know the area best are the people that live in them. After an event on this scale having a pop up that local can visit to voice concerns that need addressing and having a list online to show people what is prioritized so people can see there issue and when it might be getting resolved. This would also be good if locals could vote on issue to bump them up the list.

#717

Storm Recovery and Resilience Consultation #749

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Your feedback

Local Board: Henderson-Massey

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

Property values in my community dropped over 8% as certain parts of my suburb were found to be flood prone. Water from my neighbours washed out over a thousand dollars worth of landscaping.

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?**

Nothing. People are talking about moving.

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

Develop a live interactive map of Auckland to let people report flooding events. Identify flood prone areas. Assess the vulnerabilities of those areas. Identify proven, risk-based countermeasures to improve resilience. Be prepared to re-zone certain residential or commercial areas as reserves---backfilling them to change the flooding patterns might not help in the long run (people are going to start doing this on their own, most probably in an uncoordinated fashion, so be prepared to control that). Consider developing a regional carrying capacity model that estimates how many people parts of the region could actually support comfortably. This will help with urban planning in the long run.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 could we find that document? Just did a search on the council page and all I found were references to this link: https://akhaveyoursay.aucklandcouncil.govt.nz/storm-response-budget. I also found some indication that this year's flooding events are being used to make the old strategy document more relevant. Perhaps keep them separate?

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

Use our social workers (hire more, if we don't have enough) to collect data. This survey might not be as accessible to the more vulnerable of us.

#749

Storm Recovery and Resilience Consultation #758

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Your feedback

Local Board: Henderson-Massey

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

The Oratia Stream at the end of my road burst its banks which I have never seen happen in the 15 years I have owned this property. For me personally it only flooded the bottom of my garden (and subsequent rain has killed a lot of my plants). However a lot of people had flooded homes and fences washed away. Also the Oratia Stream walkway was impassable for a little while and the solar lampposts have been damaged (and are still not 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?**

Knowing that I got off lightly compared to others

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

If storm water run off to the Oratia Stream is managed well so that it doesn't overflow during an extreme event. I don't think it was clogged up with debris before the event, well not our section anyway. Subsequent tree debris after the storm has now been removed.

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

In addition to the council initiatives, more control over the storm water from new developments. With all the housing intensification, make sure they don't just dump it all in the storm water drains or local stream.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

See point 5

Storm Recovery and Resilience Consultation #774

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Your feedback

Local Board: Henderson-Massey

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

Street flooding in my community

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 to each other

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

See or hear about some changes to prevent flooding in the future

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

Planning, educating home owners, ensuring new builds have adequate 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 sound 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 #776

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Your feedback

Local Board: Henderson-Massey

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

Roads were totally flooded due to streams breaking their banks, local park totally flooded.

I live opposite Opanuku (Henderson) Park in Henderson, which has burst it's banks 4 times in 2023 (so far). Devastated to watch the amount of water flooding into homes and businesses. All around us we had blocked roads due to flooding (of streams) and the storm water cap underneath our building (in carpark basement) burst open.

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 got together I guess

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

Clear the streams of debris and fallen trees, etc.

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

Clean the streets regularly again, clean the streams and rivers of debris, remove fallen trees which is where other debris catches and banks up against.

Buy-out homes in serious flood affected areas. Build culverts that allow for large amounts 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?

Haven't read them - should have attached them to this survey and made them simple to understand.

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 read it yet - your email obviously isn't showing clearly what I needed to do before answering these questions.

Storm Recovery and Resilience Consultation #779

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Your feedback

Local Board: Henderson-Massey

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

My community at the time (Orakei local board) was largely unaffected apart from the closures of Tamaki drive due to slips. This did make traffic worse but was minor in the scheme of things.

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 only negative affects were the slips closing tamaki drive so I suppose the quick maintenance and cleaning up of these was useful.

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

debris cleared away, new initiatives visible to ensure it wouldn't happen again (furture safety is important for healing)

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

More green/blue spaces and deliberate flood zones in new developments (for example, Stonefields coped remarkably well despite being at the bottom of an old quary, because of its estanblished flood reserve).

Ensureing that stormwater and sewage are seperated

ensuring gutters culverts and drains are 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?

Blue Green spaces should be mandatory in new developments/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 #780

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Your feedback

Local Board: Henderson-Massey

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

Our home and many in our community were flooded multiple times in 2023, we were escorted from our property in waist high water by the Fire Brigade. This was a most traumatic event and we now constantly watch the Waimoko Stream every time it rains.

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 the Council that's for sure. Our friends and family helped us get through. We have had no assistance or help from the Council at all. Extremely disappointing.

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

Nothing can help us feel like we have recovered because we haven't. Every time it rains we relive this nightmare and still the council do nothing to help us. You have built thousands of houses whose storm water flows into the Waimoko Stream but you haven't cleaned this stream in the 14 years we have lived here.

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

Clean the streams and waterways, do the maintenance, then follow up to make sure the maintenance has actually been completed and all the debris has been removed otherwise it goes back in to the streams and rivers and floods us all again and 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?

Clean the streams, maintain the streams, clean the streams, maintain the streams, it's basics, in 14 years you have not cleaned the Waimoko Stream and every time it rains we are 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?

Clean the streams up, clean the debris, take it all away, widen the streams, sort the streams out, you keep building thousands of houses which are going to flow into the Waimoko stream but it's blocked so it back washes and floods every one.

Storm Recovery and Resilience Consultation #795

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Your feedback

Local Board: Henderson-Massey

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

Flooded twice, businesses had to shut, couldn't get to work.

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?**

More action on climate change, being encouraged to be allowed to work from home to clear infrastructure to be repaired/reinforced.

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

More action on climate change, tangible legislation around storm water and 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?**

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 #824

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Your feedback

Local Board: Henderson-Massey

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

Deeply affected, which consequently then take a toll on mental and physical health.

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 and friends.

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

Robust and swift action from council and insurance pay out. Less bureaucracy and consultation, more action

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

Allow more blue green belt, open more land and less 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?**

Work with central government to allow labor force migration into Auckland. Lower the minimum wage so contractors can afford workers to deal with these works

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 more labor force and people to do these works.

Storm Recovery and Resilience Consultation #835

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Your feedback

Local Board: Henderson-Massey

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?**

road repair

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

everything is back to normal

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

not really

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Hope can be achieved

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 #880

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Your feedback

Local Board: Henderson-Massey

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

I went to Elton John concert from Swanson, via Avondale and the extent of the problem was very clear. Roads were impassable. My new subdivision want affected at all, but surrounding areas had red stickered houses, inundated parks etc. Local roads quite badly 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?**

Roads repairs. I don't know how those flooded have got on

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

Roads repairs that included adequate retaining to support washed out roads. In many cases this will be extensive.

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

In order of urgency: Provide much better public transport and cycle ways to reduce climate change. Clear streams and waterways, starting at harbour end and working to source, and plant native vegetation beside them. Managed retreat from flood prone areas. Upgrade existing 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?

All useful, but unless you get cars/trucks off roads, and reduced other sources of climate change we'll always be running to catch 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?

In order of urgency: Provide much better public transport and cycle ways to reduce climate change. Clear streams and waterways, starting at harbour end and working to source, and plant native vegetation beside them. Managed retreat from flood prone areas. Upgrade existing storm water network.

#880

Storm Recovery and Resilience Consultation #922

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Your feedback

Local Board: Henderson-Massey

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

We live in Te Atatu South, we were at West Wave pools that day and got out just in time. Some areas of near by streets flooded. Most of the flooding and damage came from Henderson creek

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 just got on with life

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

I don't know

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

Stop removing trees and grass and building small box houses everywhere. We would have been fine if it was before, but not now there is no where for the excess water to go. Council created the problem and now act like it was all just caused by the rain

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 haven't read them, but my suggestion would be stop removing all the grass and tees. We need them when it rains. There are too many houses in Auckland already, nothing has been done to upgrade the storm water drains etc, build on the outskirts of Auckland (where there aren't too many houses already) and then further out, Keep the grass and trees. Stop ruining Auckland's ecosystem

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 see my comment above, stop ruining our ecosystem by removing all the trees and grass. You are creating the problem

#922

Storm Recovery and Resilience Consultation #932

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Your feedback

Local Board: Henderson-Massey

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

During the flood, my house was hit by flood and the tenants escaped there. I still have a loan. I have to pay the mortgage every two weeks even if I have no income. I had been in touch with insurance companies ever since. Fortunately, I have already received compensation money and started to repair my damaged 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?**

I spent my saving and got support from my family and friends.

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

With the compensation from the insurance company, I can get the house repaired again. But I worry about the next flood coming. I hope City council will clean up the river as soon as possible. before next rain season coming. This would help many families along the banks of the river. Furthermore, after these months' suffering, I have no ability to raise up my house.

If the City council can consider helping to me elevate the house. It would be able to solve the problem. I would be very appreciate it.

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 #966

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Your feedback

Local Board: Henderson-Massey

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

Lack of Communication, especially the hour before high tide which would of given warning of the potential flash floodings risk. Common knowledge.

Flooding on properties and road-ways. Flooded our work site, closed my shift down eventhough management told us to carry on. We had water dripping from roof next to our machinery. Water rising in the mixing area. We had workers who had to travel back to south Auckland, knowing that flooding was causing havoc on the roads and motorways.

People had to go home because water was coming into their homes. Yet management wouldn't shut factory down. So other shifts continued working.

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?**

Acknowledgement that Auckland has flash flooding issues. Internal community support has helped the community more over the months where council, government has not. People are still without a home because council won't take responsibility of the properties which than certified.

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

Education of flash flooding in Auckland in schools along side water safely programs.

Climate changing is a reality. Not knowing how NZ is affected by water whether it is from a tsunami or a weather event needs ti be changed. Most adults are clueless because they were not taught.

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

Considering the promise to fix our waterways stems back to the weather event which caused New Lynns sink-hole.

Fix the infrastructure, as being seen in Te Atatu Pennisula, West Aucklands population is doubling if not tripling in certain suburbs because of the intensified housing projects.

Need a better system to alert our civil defence team so emergency response can activate their responses better.

USE OUR MAIN MEDIA- as information to public, we relied on SOCIAL MEDIA for nearly 2hrs.

Then realised how dangerous things were locally. Not even my manager knew of the extent of damage until the next day.

I could have got my workers home sooner.

Better education for ALL, even in the council.

Stop building on high risk areas.

This event will happen 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?

First as I have stated, money was promised and allocated to fix our water way infrastructure in West Auckland before the train expansion in central.

So shouldn't there be a report of where that money went first. As it is only these last three months there has been work on making catchments, clearing our streams and improving our pipeline along the roads.

The mayor is spending money Auckland doesn't have or can sustain.

Why sell shares, then raise 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?

I'm of Maori descent.

We have a history with the land.

Shared knowledge is a gift to future generations, it shocks me how little people know about common sense stuff.

How our sewage and fresh water can interact in events.

I was literally screaming at the TV and sites, when I saw all the people swimming in the aftermath.

Storm Recovery and Resilience Consultation #968

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Your feedback

Local Board: Henderson-Massey

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

We were flooded, we had water in our house and when we left our property the water was chest high outside on us as we left - the force of the water was so strong and swept my daughter out of her fathers hands luckily he got a hold of her - it was like rapids my neighbours needed help evacuating and also had high water on their property. The ranui community has been heavily impacted but feels like nothing is getting done to get us out of limbo

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?**

Friends and family - the council have been so hard and unempathetic to deal with; it took forever to get rates relief the first time around and this 2nd time around we have our rates bill yet we have filled in the form and we can not live in our house.

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

#968

Concrete timelines regarding the catergorisation, what the categories mean what properties are what categories and what the impacts are so we can move on with our lives - stop dragging the process out Hawkes Bay have already shared prelim cats for properties and we were hit before yet have nothing!

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

Stop resource consenting new housing and buildings where there are flood risks and when you are ensure there is adequate drainage, permeable ground and really analyse the impacts on the wider community of what you are consenting for

Also do your job and clean the streams that are on public land and hold private land owners where streams are accountable for cleaning. The Waimoko stream was so neglected and still is the community is doing their bit to protect themselves but the council have done nothing - no matter how much you say there has been i lived next door so I know when work has been done or not and there was very little work only cutting of grass and planting of 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?

Blue/Green networks need to be done in tandem with Categorisation so home owners are not rebuilding using insurance money only to be told their property is green/blue and they need to leave

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

#968

Storm Recovery and Resilience Consultation #985

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Your feedback

Local Board: Henderson-Massey

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

Devastated, broken, unsure where to get the appropriate help 7 assistance/

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?**

Ongoing options for the community to come together in hope of greater understandungo of procdcut

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

Subject to condiion; QKARIIINDDDDF

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?**

It will be ongoing , consequences for those who continue to allow the building of houses in flood zones and plains. Cut top level salaries, way too much paid by the taxpayers to keep them employed, too much money gets wasted. Lack of accountabiity

for yers with out streams, and debt keeps rising, g, Cut staff, cut top level salaries add accountability in roles

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 banks, natural flood plain development, fair buy outs, council being responsible for the upkeep and maintenance of ur streams - not 'every other ratepayer who gets lumbered with little experience, lack of time and neighbours that dont care and do nothing to help mitigate issues along the waterway

Storm Recovery and Resilience Consultation #1015

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Your feedback

Local Board: Henderson-Massey

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

Our House at 30 Waimoko Glen, Swanson and our neighbours house were flooded. We were also flooded in 2021. The 2023 flood was about 300-400mm higher than the 2021 flood. Due to the delays with the council, government and insurance company my wife has developed PTSD and is unable to work.

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 family and neighbours. The council have been of no help.

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

Get the streams cleared and flood protection put in place. Reduce the amount of high density housing and improve the stormwater infrastructure. Quickly decided what houses are to be bought and get it done as fast as possible. Get the council and/or Government to underwrite our insurance for flood damage until we are safe.

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

Stop causing them by reducing high density housing until stormwater infrastructure is in place. Clean the streams properly and on a regular basis. At least every 3-6 months.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 concerned the timeframe is 6,5 years. I believe the council and/or government should underwrite flood insurance until the flood mitigation is completed, The insurance council should audit the flood mitigation to ensure it is done correctly. This is the only mechanism i can think of that will keep the council and government honest and do the job 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?

I don't see where the council can be held accountable for not fulfilling their requirements in a timely manner or correctly.

Storm Recovery and Resilience Consultation #1047

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Your feedback

Local Board: Henderson-Massey

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

Our home was flooded with 400mm of water inside the house. Furniture and irreplaceable items destroyed.

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 in particular neighbours rallying around to help.

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

Seeing the council take an active role in maintaining the streams around our street like they did before we became a super city under one council.

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

By ensuring maintenance of streams is carried out regularly and stop blaming lack of money, I would gladly pay more in rates to have that 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?

I live in Waimoko Glen and your making space for water shows mine and approx 10 of my neighbours homes being removed, rather than doing that how about using all the reserve land around and down from us I'm sure it would be a lot cheaper.

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 #1076

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Your feedback

Local Board: Henderson-Massey

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

A number of homes were flooded and uninhabitable after January 27, 2023

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 support and community organisations who took the time to come around the streets as well as local MPs to see how they can support and help.

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

True raw conversations with decision makers rather than sending operational staff who were great, however could not answer real questions. Policy writers to be involved in the consultation process rather than writing from documentation being submitted but hear real stories so the policy reflects the reality of what goes on.

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

Listen to the people who live in those communities who know it better and have lived experiences of 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?

Do the right thing by those who live in those communities. Limit the spending on hiring consultants and contractors who eat up on their costs etc. Pay people who are doing the actual ground work well so they don't cut corners.

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

Whatever happened to community working bee that used to happen when local councils used to manage it i.e. Waitakere City Council. Too many red tapes e.g. it's a health and safety issue - then why not run community awareness of Health & Safety if the council is fearful of being prosecuted under HSWA 2015? The community have no hesitation to clean the streams because they know what it takes to make it safe. The council continues to underestimate the communities and what they are capable of.

#1076

Storm Recovery and Resilience Consultation #1084

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Your feedback

Local Board: Henderson-Massey

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

Our property was flooded 3 times going completely under water, however, our house is built up so luckily water didn't come in the house. It is very stressful though as we have to move cars and animals as we had cars written off and animals downed in the August 2021 floods.

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?**

Our local Taupaki community getting together to have working bees and help each other and clear the river out.

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

If central and local government actually did something. More and more housing is being approved in Kumeu and surrounds which means less and less permeable land to soak up heavy rains. Also if local council cleaned up the rivers so they flowed properly. Also I had heard of authority spending of $10k per day to stop people going into areas like Kare Kare,

Piha and Muriwai. This money could have been more wisely spent on fixing the slips and potholes/

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

Have a flood plan. Stop approving more housing which takes up valuable permeable land

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Maybe stripping out council costs so ratepayers didnt have to pay 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 #1090

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Your feedback

Local Board: Henderson-Massey

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

Flooding, substantial debris, creek flooded walkways & homes, public lighting destroyed

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 need to come & clear the culverts & build a plan with community to how to prevent the worst of it happening again.

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

Stormwater maintenance. Buy out those in flooded areas, build more green space, stop building so many roads/pavements, invest in proper 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?

We have to. I would rather pay more rates & have a city we can live in. Invest in solutions to reduce emissions too- this is a climate crisis

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 #1092

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Your feedback

Local Board: Henderson-Massey

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

Flooded garage, roads and sewerage overflow all through local 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?**

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

Knowing that we are proactively improving the infrastructure in the area and not just building more houses that utilise the existing infrastructure.

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

Better planning that takes into consideration the extreme weather events when providing consent to build more houses on to one house sections. Losing soil to concrete and 7 homes plugged into the infrastructure that was 1 home is not sustainable

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 there needs to be more done to put pressure on developers to do a better job at utilising infrastructure and responsibilities on them to upgrade. They are currently profiting massive amounts and the surrounding houses and sections are suffering in the extreme weather events while they are not impacted

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

Developers, waste upgrades, more green less concrete, planting our verges with plants that assist drainage

Storm Recovery and Resilience Consultation #1126

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Your feedback

Local Board: Henderson-Massey

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

Land buildings fences all either destroyed or damadged .house uninhabital ,second major flood in 18 months .street now a ghost town ,no residents want to return ,mental health beyond bad ,anger towards council as have constantly failed to maintain and plan

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?**

What Help ??????????????????Sop

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

stop dicking about ,be realistic ,buy out now .stop trying to avoid reality ,council failed ,council constructed the problem in our area ,and now are trying to avoid responsibility .You had the warnings [info] but failed to act .this area has always been flood prone ,strange the council LIM shows the opposite.

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

Fix the problems before any more building .all of aucklands infostructure is built for 40 + 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?

You have mismanaged and failed with planning ,waisted funds [rates] for too long .cancel all the nice to haves and you will have the budget .core services only. Ratepayers have had enough of incompetence.

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 ALL developments until the problem is rectified .

Storm Recovery and Resilience Consultation #1139

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Your feedback

Local Board: Henderson-Massey

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

Our area experienced flooding road closures transport issues and separated family members.

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

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

To know surrounding drains, culverts, catchments and streams and cleaned annually.

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

Ensure the upkeep of stormwater systems, ensure building planning meet permeable 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?

Honor 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?

Transport during wether events needs improvement to avoid been stranded.

Storm Recovery and Resilience Consultation #1168

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Your feedback

Local Board: Henderson-Massey

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

Although my house stayed relatively dry it was devastating seeing my neighbours battle the flood waters and then when it happened again, and again it was very sad. I saw areas flood in my suburb of Te Atatu Peninsula that I have never seen flood in the 20+ years I have lived 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?**

I'm not sure actually, I feel like people are just waiting for the next big rain. I think that for many there is a hope that things will be put in place so this level of devastation doesn't happen again and that keeps them going.

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

A good plan. I think we need to know that in the future when big rains come that the water has places to go. I am hopefully that the making space for water plan will be strong enough and

#1168

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

I think we needed better design and more permeable surfaces that can contain or chanel water better. We need to think about the intensification that is happening and whether it is sustainable, right now we have added much more roof space for water to fall on but reduced the permeable surfaces significantly and now that water has nowhere to go.

We have not increased the capacity of our wastewater system to match (if such a thing is even possible) we have not added in wetlands or water catchments at a high enough volume to cope either.

Most of Auckland's streams have been covered over but these are the areas that are now flooding, perhaps it is time for managed retreat in some of these areas and then uncover them and create wetlands around them to increase 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?

I am supportive of all the initiatives. However I am most interested in the Blue-Green networks as I feel that this has the potential to make a positive difference by increasing the land and streams capacity to hold water which will reduce flooding. I would love to see more focus on restoring stream health and daylighting streams as a means to increasing their capacity and health. I think most of the reason that we are now in this situation is that we have disrespected the land and water.

In terms of rates, I am happy to pay a little more for the benefit of all including the water and the land

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

Managed retreat around known flood zones, I can see in the literature that this will be done on a case by case basis which I understand; but I do believe there are certain areas where flooding has happened many times and will continue to happen. The council and government needs to have a strategy for those places. Ideally the underground streams or diverted streams should be restored in those areas to create more space for water and protect other areas.

I also see no consideration of the impacts of intensification which must have in some way contributed to the flooding, I see no plan to ask developers to include things such as more

permeable surfaces and rain collection tanks. This feels like an oversight. Also many of the developments are still being built in flood plains, this is clearly not wise.

Storm Recovery and Resilience Consultation #1173

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Your feedback

Local Board: Henderson-Massey

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?

Stop building in deep valleys and slippery cliffs. Also not near storm waters, near canals, river or sea. Saving your life and future is more important than too good views.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 should others pay more rates because some have built in wrong places?

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

Clear all the muck before the rains from the waterways.

Storm Recovery and Resilience Consultation #1180

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Your feedback

Local Board: Henderson-Massey

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

My house has flooded four times since the January 27th deluge.

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?**

Insurnace.

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

The government could stop housing intensification until infrastructure upgrades are made to support the number of homes being built.

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

Invest in infrastructure (see 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?

They seem logical 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?

I believe like the nationwide Fibre rollout, private residences should be able to cheaply fast-track upgrades. My flooding was likely a result of housing intensification down the street installing a new storm drain down our berm and damaging my existing wastewater. Not only that, but as a result a lot of water terminates into my property from the berm and for some I'm told this is my responsibility.

Like the fibre rollout where entire streets were connected to fibre in a single day, the council should offer homes near upgrades like myself, free access to consents to perform their own work without having to pay upwards of $12,000 just to get sign off to tap into infrastructure currently being installed.

#1180

Storm Recovery and Resilience Consultation #1188

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Your feedback

Local Board: Henderson-Massey

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

Living in Henderson, there was a lot of stress and concern in the community. There are many waterways in the area and the general feeling was that they weren't being adequately maintained by Auckland Council. Particularly after the first event, when debris-clogged waterways didn't appear to be cleared before another bout of scheduled heavy rain (even the public waterways!), there was a lot of frustration in the community. We also felt a sense of abandonment when we discovered that it was up to us as private homeowners to maintain so-called "private waterways". The issue is when these waterways are also conduits for stormwater during heavy rain events. As private homeowners, we neither have the energy, capability nor funding to maintain these waterways and prevent flooding. We have a creek running between my neighbour and my properties. A lot of debris came from upstream, including fence posts, whiteware parts and large tree parts. It was incredibly challenging and frankly dangerous to be clearing it ourselves. We felt unsupported by Auckland Council. To add insult to injury, there is a wastewater manhole (managed by Watercare) that spews out sewage every time it rains heavily. We were wading through raw sewage to clear the waterway and we sustained significant cuts and bruises. My neighbour even fell in at one deep spot. We felt it shouldn't be our responsibility to clear a stormwater creek ourselves with no support. We are also frustrated by the time it is taking Watercare to fix the manhole so sewage no longer flows into our waterways.

Please see picture attached showing debris piled up on our "private" waterway and the broken manhole on my property spewing out raw sewage into the creek. This is what we had to wade through- we had to cut the tree branch with a hand saw (we didn't have a chainsaw available) and then tie ropes to haul out the pieces. The debris came from upstream, quite

possibly from a “public” area! It baffles me how Auckland Council can take no responsibility with clearing these waterways, which clearly function as storm water outlets as well!

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 neighbours pitched together to clean up debris from the creek that runs between our properties. Our local MP Phil Twyford was wonderful at reassuring the community. He left us all letters in the mailbox asking us to contact him with our concerns and individual situations. I have emailed Phil’s office. It is helpful to know that they are supporting us and that they agree private homeowners should not have to shoulder the burden alone of maintaining streams/creeks that also act as storm water paths during heavy rain events.

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

I would like to be reassured that adequate flood mitigation has been done for both public areas and “private waterways” which also act as storm water outlets/overflow. Auckland Council needs to at the very least send out flyers into letterboxes of current projects. Ideally this would be done at an individual household level- we all know our backyards the best. Auckland Council staff should set up appointments with all affected/ worried homeowners and ask them where water pooled, then come up with a plan with each homeowner how to mitigate future flooding risk. These projects should be funded by Auckland Council, not private homeowners. The majority of my Henderson community are not high income earners- it is impossible for us to fix issues with our waterways ourselves, even if we band together. For example, my neighbour approached me for a project he is working on with Auckland Council to improve the creek (the improvements are to improve flow and to better manage storm water during heavy rain events) but having been quoted upwards of $150,000 this is completely outside of the realm of what we can afford.

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

We can no longer take a segmented approach. Fixing the “public” areas only is not enough - the public waterways go in and out of private property. Private homeowners do not have the funds, capability or expertise to adequately maintain waterways. Nor is it fair for private home owners to shoulder the onus of maintaining stormwater and overland flow paths on their properties. What is done to one part of the waterway has downstream and upstream effects. Whatever improvements one neighbour does affects other neighbours (sometimes positively but also sometimes negatively) but not everyone can afford to match.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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- this is a fantastic idea. I would like to see “private” waterways included as well. As I have discussed previously, we can no longer take a segmented approach. Fixing the “public” areas only is not enough- the public waterways go in and out of private property. Private homeowners do not have the funds, capability or expertise to adequately maintain waterways. Nor is it fair for private home owners to shoulder the onus of maintaining stormwater and overland flow paths on their properties. What is done to one part of the waterway has downstream and upstream effects. Whatever improvements one neighbour does affects other neighbours (sometimes positively but also sometimes negatively) but not everyone can afford to match.

Community led flood resilience- I agree with what you have stated in the consultation document: “local knowledge is invaluable for flood management”. However the issue here is that I feel often homeowners are not consulted. Even when we are consulted, or when we put in submissions, it feels like we are not heard. For example, Auckland Council has planted a tree on the berm without my knowledge (I just came home to it one day). Unfortunately it is blocking access to a gate. Granted there is no concrete driveway that clearly indicates that there is a gate but this could have been avoided by simply getting in touch with me (the homeowner). When I rang Auckland Council, the customer service lady was very helpful and reassured me that there would be someone coming to assess the situation (and hopefully move the tree) this week and that I should receive a call from them afterwards. This was about a month ago now and I have heard nothing back. The tree is still blocking my driveway.

Stream rehabilitation- how can we find out the grade of our creek that runs between our properties? You have simply written “advice to owners with streams on their properties. I have discussed in detail previously- my neighbourhood feel it is important to give more than advice. We need experts and funding. Private homeowners cannot shoulder the burden of

maintaining “private” waterways when they are also storm water outlets. We simply do not have the capability or budget to adequately undertake the necessary improvements.

Overland flow path management- I welcome your suggestion of an on-site assessment to identify blockages and to be shown where (if any) the overland flow paths are on my property. Your example picture of an overland flow path blocked by a fence- what are the alternatives? We need fences to delineate between properties, and keep pets and young children safe. If a fence doesn’t work in this case, what else can we do to achieve the above?

High risk properties- while I appreciate management of flood risk must be prioritised from highest risk, I feel ALL at risk properties should be addressed at some point. As a community, we would feel more reassured if we knew our local waterways (including “private” waterways which act as storm water channels) were at least on the radar of Auckland Council, even though it may take a year or two, or even 5-10 years for our “lower priority” concerns to be addressed. Ideally a plan of action should be made public and concerned homeowners should have the opportunity to add their properties to the list to be assessed.

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 like to see more partnership with local communities. Everyone should have the opportunity to input. This feedback form has been well publicised and I would like to see this open communication continue. Furthermore the outcome of our input should be widely publicised and ongoing feedback should be implemented to ensure all community voices are heard. Perhaps having a presence on social media could also help- many of our community are active on the Facebook community pages but I’m not sure how many of our community members have the knowledge, time and resources to fill out a detailed submission form. I think more transparency and fluidity (to allow changes to be made if community members make new inputs) with action plans would help the community to feel our rates are being spent well. Many of us wouldn’t mind paying more in rates if we can see tangible results. It is only frustrating when we pay more year on year and no significant improvements are observed.

Additionally, we can no longer take a segmented approach. Fixing the “public” areas only is not enough- the public waterways go in and out of private property. Private homeowners do not have the funds, capability or expertise to adequately maintain waterways. Nor is it fair for private home owners to shoulder the onus of maintaining stormwater and overland flow paths on their properties. What is done to one part of the waterway has downstream and upstream effects. Whatever improvements one neighbour does affects other neighbours (sometimes positively but also sometimes negatively) but not everyone can afford to match.

#1188


#1188

Storm Recovery and Resilience Consultation #1212

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: Henderson-Massey

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

evacuated from my home. complete 6 month refit inside. multiple homes in street and surrounding areas badly affected unlivable

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?**

don't know about locals but neighbor fed my cat for me

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

clean out henderson creek/opanaku stream to stop further flood and alleviate fears everytime it rains

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

fix drain infastructure. clean up and unblock local creeks

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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?**

#1212

Storm Recovery and Resilience Consultation #1279

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Your feedback

Local Board: Henderson-Massey

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

Houses streets flooded trees 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?**

Sticking together sharing experience taking strength from each other

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

Have no idea

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

Absolutely

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Extreme weather events are going to become more common stormwater needs to be upgraded as soon as possible

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

Like the idea of sponge cities plus regular cleaning of stormwater drains imperative the amount of debris that blocked water flow unbelievable

Storm Recovery and Resilience Consultation #1289

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Your feedback

Local Board: Henderson-Massey

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?**

Don't build stop banks! An some point a stop bank will fail and the flooding is even greater. Like the Esk Vally, Hawkes Bay.

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 #1290

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Your feedback

Local Board: Henderson-Massey

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

I lived in Henderson Heights, so we were relatively unaffected, however all the surrounding suburbs to us experienced significant impacts.

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. It seems community workers, Auckland Council, and Auckland Transit has plaid a huge role in this.

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

When the roads to the West Coast began opening back up.

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

Not sure, it's not my area of expertise, but possibly better stormwater drainage and higher break walls around rivers and streams. Also subsidies on retaining walls for certain properties potentially?

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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, only that I hope that there is substantial oversight to ensure the money is well spent and not wasted in inefficiency.

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 #1330

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Your feedback

Local Board: Henderson-Massey

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

Too much rain, hard to commute

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

Affected by floods, I don't know

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

News. Support

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

A submission by the Mayor or the council that they did not act quickly and apologise for their inaction. A pay out would also suffice. Money from the council

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

A clear warning beforehand.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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, don't do them right now, the cost of living is really high currently. Do these initiatives later. Don't do it if its gonna cost 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?**

Yes, community gathering where we can discuss initiatives. Like at a local library. Only hike rates for those that were affected by the floods, not for those that were not.

Storm Recovery and Resilience Consultation #1352

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Your feedback

Local Board: Henderson-Massey

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

$15 000 of drainage repairs required.

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?**

Prayer

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

I have recovered, I don't need to "feel" like I have recovered.

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

Pretty obvious really

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1355

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Your feedback

Local Board: Henderson-Massey

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

Our street flooded in Jan 23, making 30 homes unliveable...our street flooded 4 more times after this. We also had a significant event in aug 2021 flooding 10 x15 homes

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?**

Checking in with each other. Creating a whats app page for our part of the street.

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

Not being in danger with future flooding events. Action on clearing the waterways....decisions about the damaged homes. 6 months on and its the community clearing the creek that floods.

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

Clean the water ways, have community spaces available in the immediate event of flooding or any natural disasters. A place for people to evacuate to with their animals.

Thankfully our local church opened its doors to the community.....you cannot get to kelston or even henderson during flood events from Ranui. Escpecially if your cars are flooded.

Ensure there is local safe places to go if evacuated...getting to the kelston civil defence place from Ranui was totally impractical.... All the cars were flooded and roads impassable. Thankful to Ranui baptist for opening its doors so quickly offering a safe place.

Also having an action plan for those with pets in evacuated 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?

Some of these actions could already be in place....banking the water ways, clearing the water ways....this in NOT a residents resposability....we do pay rates.

Not happy with rates increase...Auckland is already an expensive place to live. These initiative should have been in place long before now instead of intensifying the 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?

Collect the rubbish residents have been dragging from the creek. For now there is just piles of scrub waiting to get swept back into the creek if it floods.....or create a fire hazard if we get into a drought type summer. Maybe a warning system when waterways get too high allowing residents time to make choices about keeping safe.

#1355

Storm Recovery and Resilience Consultation #1357

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Your feedback

Local Board: Henderson-Massey

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

Stormwater drains were blocked causing to much rain running down properties from the street, causing leaks and 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?**

Sorting out our own water reticulation. No help from anyone else.

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

Council fixing roads and stormwater run off.

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

Kerb and channel roads. Add more dams.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 putting rates up to pay for consultants. Nothing is actually getting 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?**

Brace hills by roads.

Storm Recovery and Resilience Consultation #1384

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Your feedback

Local Board: Henderson-Massey

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

I was shocked at how badly the local infrastructure coped! We should've been better prepared for a weather event like that we aren't a third world country! Our property in Ranui was ok, the backyard flooded due to a stormwater pond behind the property overflowing into the neighbours yard then ours. But our house is elevated so was ok. The street drains outside our house blocked and the end of our cul de sac 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?**

Nothing.

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

Some results - seeing things being repaired or fixed or maintained better.

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

Maintenance - 5 year ago the drains and streams were maintained now they are a waste land of debris! Be more transparent about the flood zone areas. Advertise it. Have rain fall alert systems that work. Fix the 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?

All the initiatives are common sense and things that Auckland council should have already been doing over the last 20 years. Our population has our grown the infrastructure in Auckland. Houses keep going up and people keep flowing in but all the ammenities haven't kept 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?

Need to stop all the building. Keep some green space to absorb the water. Trees trees and more trees. Stop planting trees on the berm with huge leaves that block drains.

Storm Recovery and Resilience Consultation #1388

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Your feedback

Local Board: Henderson-Massey

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

Flooding in our area, and trees fallen causing inaccessible periods of time out of our property

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 has been no work done on the slips / access to Piha - it is still one lane access in and out, and Scenic Drive is still closed from near Elevation.

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

Road access secured!

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

Better warnings / more preparation and maintenance work done in and around streams in the Waitakere Ranges / Henderson Valley 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?

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 #1423

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Your feedback

Local Board: Henderson-Massey

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

I was profoundly affected by a neighbour's giant macrocarpa tree growing very near the boundary between my place and the Kainga Ora property next door (at ******** Te Atatu Peninsula) I was afraid of this tree falling on my -and their- house in the storm. Another huge macrocarpa growing on the marine reserve, but just below this one did crash down, and I believe has undermined its roots and made it even more unstable. I have contacted ******* at Kainga Ora many many times over the last 10 years about removing this tree, but all he has ever done is remove a few branches of it. I live in fear every time it rains or the wind gets up.

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?**

Please see above (Q1), no one has ever helped me following storms

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

The removal of this tree would have an enormous effect on my well-being, I have been able to look after floods and water damage to my property so far

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

Remove dangerous trees like the above BEFORE they fall on 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?**

Keeping storm water drains in the streets clean and routinely cleared so that they can cope with the extra water from storms, so that they don't overflow into people's properties and flood them. Many street drains in Te Atatu Peninsula were blocked with rubbish before the January storm.

Storm Recovery and Resilience Consultation #1427

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Your feedback

Local Board: Henderson-Massey

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

Personally not affected much but others near by suffered flooding of property with sever damage to housing, contents,vehicles

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?**

For people to know what steps are being taken to prevent or minimize the devastating losses they have suffered, to know what is happening for those that still don't know if they will ever go back home and if that home is going to be safe.

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

Plan for the worst, prepare for future events, stop trying to control waterways by putting in pipes. Large waterways that are open and bordered by areas that can cope with flooding not 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?

Aucklanders cannot keep paying higher and higher rates. Developers should include flood planning in all proposed work plans.

Build upwards not outwards

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 #1430

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Your feedback

Local Board: Henderson-Massey

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

I was not affected but family were in an adjacent 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?**

Probably knowing others were worse off, sadly. Helping with a clean up and just being more aware of where issues were likely to occur.

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

Some visible action from council on tackling maintenance issues which it appears have been neglected.

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

Stream clean ups and street maintenance 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?

Something has to be done but ratepayers are already overburdened with ever increasing rates. We have the rush to build more dwellings especially apartments with once free draining land covered by concrete and there is hardly ever any room in these developments for water absorbing trees. This needs to change. I think every development should have to have a reasonable sized planted grassed area, if one apartment has to go to accomodate so be it. Auckland needs to stop chopping down large trees in parks and developments. It's not enough to replant with saplings, they take years to be of any practical use in these circumstances. The maintenance of streams have also been badly neglected with questionable practices such as slash and leave. Stream banks need to be cleaned up, slash removed and maintained regularly so water flows freely. Same for drains. I would much rather resources be put into this than having festivals and the like.

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

#1430

Storm Recovery and Resilience Consultation #1460

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Your feedback

Local Board: Henderson-Massey

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

Personally I was not affected at all. It is not for me, therefore, to comment on behalf of others in my local community.

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 neither required nor received any help.

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

Full restoration of the local reserve (Urlich).

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

Don't build in dumb places like Clover Drive. Maintain water courses at ALL times. Clear signage of potential flood 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?**

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 #1467

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Your feedback

Local Board: Henderson-Massey

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

Alot of large flooding in our community

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 in flooded areas clearing streams, setting up 2nd hand donation spots in churches to help people who lost clothing and household items.

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

A large number of classic kiwi sections, previous rural land has been developed for large housing projects with what feels like a very limited look at the burden this places on infrastructure. So effort to improve infrastructure, maintenance in streams etc but council responsibility it's not the general publics job to do this, less contractors but staff who have skills and knowledge and know how to navigate council process so right departments are alerted to areas that need attention.

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

Preparation and 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?**

Transferring the $70 annual fee for food scraps and using it for this project! I don't see a large up take of this scheme in my 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?**

Bigger climate change issues...public transport in Auckland is horrendous compare to other capital cities in the world, it needs a complete overhaul FAST!

Storm Recovery and Resilience Consultation #1531

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Your feedback

Local Board: Henderson-Massey

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

Our property border an esplanade but is elevated so apart from surface run off water from the street we were ok. We were affected in one way because we drove from our suburb to a neighbouring suburb for a check up dental appointment and drove along Universal Drive which was just starting to seriously flood and if we were fortunate that our small Honda HRV is actually a 4wd otherwise we might have had serious issues because we couldn't reverse so had to plough through - if notice had been on the radio about the state of the road at 3.30/4pm we would have stayed at home and cancelled the appointment.

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 part of a community action group and we have advised and helped other groups affected - we walk along the affected area off Universal Drive regularly and chat with those affected - it is good to talk

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

#1531

A Community event when the weather improves or maybe an event at the Trusts arena - host a big family fun day and have "experts" and support organisations there as well

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

Get the announcements on the radio earlier, support the local people who are doing clean ups - collate the information from locals and community groups re: what they see as the problems and answer those suggestions eg many locals have issue with a tree that is blocked under the bridge over our creek however this tree is so far down the creek that it is unlikely to be a problem but not reponsding to that means more and more people complain about it - wasting Council time responding. Maybe collate the information in a map and link to "hazards" on the map and propose timeframe for repair/cleaning/clearing.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 particular comment however just wish to say that sometimes on paper increased maintenance doesn't materialise into increased maintenance or better outcomes. We had a case in point at Starling Park where two different mowing operators mow the park on different days - more expensive that having one mowing operation doing all the job in one day - that is only a basic example. Can we look at employing employees directly by Auckland Council dealing with maintenance and make them kaitiaki of say a geographical area and than would collate the contractors for that area ?

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

#1531

Storm Recovery and Resilience Consultation #1543

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: Henderson-Massey

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

Affected, property 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?**

Combined efforts by people to help each other

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

Seeing damages fixed

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

They cant, you cant preempt all situations, you can improve the response to the situation though

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 miffed where all the taxpayer money goes that is earmarked for general maintenance of services etc, and those in power prioritize cycle lanes over necessary services 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?**

Storm Recovery and Resilience Consultation #1575

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: Henderson-Massey

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

not other than traffic business and road closures. Te Atatu South, not effected other than crappy weather

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?**

mobile network - when it was working

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

fix the roads and infrastructure

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

manage the infrastructure. fix the roads and 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?**

That is a waste of my rates - that is what Watercare charges me an extra 65% on top of my water consumption for - that is what they were privatized and set up to do? Isn't that what they are charging me for and their responsibility to do? audit them. Um, what do I pay Water Care for? - increase rates for those that CHOSE to live in at risk 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?**

Watercares responsibility. increase rates for those that CHOSE to live in at risk areas.

Storm Recovery and Resilience Consultation #1585

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Your feedback

Local Board: Henderson-Massey

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

My local community was impacted significantly, while my house did not flood the roading network around my house was impacted and if my family had to evacuate we could not leave as all roads out 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?**

Fix the roading network that was damaged. Auckland Council to take reasonability for the deferred maintenance on the their esplanade reserves and stream networks that caused the flooding, and also the lack of roading maintenance since 2010 when Auckland Council was established

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

Provide adequate communication to the public during the 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?

The consultation document does not have sufficient information to make an informed comment. More information is needed to understand what is proposed and what impact any proposal may have on private property rights.

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 put the responsibility of Auckland Council onto private land owners or ratepayers. Take responsibility for the deferred maintenance and lack of funding for capital renews that the ratepayers of Auckland have been funding for years

Storm Recovery and Resilience Consultation #1618

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Your feedback

Local Board: Henderson-Massey

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

several roads and many houses got 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?**

not sure

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?

Regularly check whether the drain pipe is blocked, pay attention to the impact of new building density on 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?

not sure if the cost 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

Storm Recovery and Resilience Consultation #1647

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Your feedback

Local Board: Henderson-Massey

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

Reduced access to transport options, safety of access on public paths and roads reduced.

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?**

understanding that although the responses may be slow, the tidy up work will be completed.

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

improved protection of access routes, all damage repaired and reinstated.

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

1. Know these events are not "unprecedented" rather that the cities infrastructure is only built to withstand a certain intensity. 2. Have access to heavy repair equipment promptly. 3. Improve the maintenance of all waterways and keep drains unblocked on a regular basis. 4. insist developers take better precautions against flooding. 5. Stop issuing building permits 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?

1. Care of bike lanes needs to be included specifically. This should include regular maintenance of the paths and drains (on a programmed basis, not the hit and miss "when it's reported" basis it is currently done.). Especially on road paths with barriers alongside the car lanes as these gather debris at a rapid rate. 2. Active transport corridors incorporated into blue-green areas such as Oakley Creek, Whau, etc. 3. bridge upgrades to proved safer access for walkers and cyclists.

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

#1647

Storm Recovery and Resilience Consultation #1655

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Your feedback

Local Board: Henderson-Massey

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

Fortunately I was personally moderately effected in my work and home life, in Ranui and West Auckland, especially on Friday 27 January and the consequential weeks, months afterwards. It was the logistical effects of getting home from New Lynn and then also managing the consequential effects on our local streams with volunteers and local neighbours.

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 connection and communication has been and continuing to be important to better understand the nature of our stream catchments and how better plan and prepare for the reality of rain events. That we need better, wider riparian and nature based (green) infrastructure throughout Auckland. That housing, buildings and impermeable surfaces need to be reduced in these areas.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

#1655

More Stream connection events to connect to neighbours and to better understand our local streams and where the flood capacity needs to be now.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Make more green infrastructure, less impermeable surfaces, wider native restoration riparian margins (greenways) around natural streams that are around all our streams and flood plains. Incorporate and design these to make better community connexions with walkways and enhance our city. eg What was started with Project Twin Streams in West Auckland in the catchments there and which these plans need to be expanded and 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?

For a more resilient city Tamaki Makaurau needs more emphasis and investment in removing more buildings and hard surfaces in lowland areas (flood plains). Making these environmenal restoration areas like Project Twin Streams started in West Auckland in late 90s early 2000s. This type of green areas need to increase throughout West Auckland and all Tamaki Makaurau. Catchment and city wide planning needs to be implemented and immediately put a stop in Planning departments in floodplains. Must have green waterway design in any new development. And start retrofitting re purchase property in all low lying, floodplains in native restoration 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?

As I stated above to truly Make Space for Water for a long term resilient city we need look across all catchments to allow for all the increasing rain. eg. Sponge Cities is a new term for this city wide catchment approach.

#1655

Storm Recovery and Resilience Consultation #1659

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Had to support my community around where I worked.

Thankfully, my home and those around me were 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?**

Not sure - overwhelmingly, there have been lots of people who have advised that there has been a lack of empathy and response from Auckland Council.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Opportunity for the community to share their experiences with their local boards or Auckland Council - anecdotal evidence is important to understand the mood of the community.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Consider sponge cities, riparian planting, thoughtful developments with space for trees, park space etc (like Hobsonville Point) - not just high density 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?

There should be more action in the blue-green initative, particularly around tree planting.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Consideration of high-density housing developments having drainage and green space incorporated in the building plans.

Storm Recovery and Resilience Consultation #1686

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

My property badly 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?**

Knowing that our local MP and council are making plans to get it sorted

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

If my property was guaranteed to never flood again (or buy back)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Predictions of where water will run and keep homes out of 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?

Glad that plans are finally made

7. Are there any other activities that you think are important to manage flooding that haven’t been included in Making Space for Water?

Think you've covered it well

Storm Recovery and Resilience Consultation #1687

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Our property was flooded with 1.3m high flood waters. We are in dire financial trouble now 7 months on paying the mortgage on the house which is uninhabitable.

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 local MP, Phil Twyford. He is advocating for us and is outstanding. Auckland council has been very slow in its response. It's painful. We really need the categorisation to have happened already. Please please hurry up

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

For my house to be safe. Either a buy out or a very quick property level intervention. I am unsure how this works still and it will be so long still until we know which category our house is in

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Buy out properties near streams. Don't consent more homes without this as a consideration

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 great, just needs to happen quicker than planned.

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 #1688

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

On 27/1 I had some flooding in my back yard, that came to within a meter of the 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?**

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Our development was ok this time, but we've been talking to the rest home on the other side of the boundary where the water was coming from, and studying council resources. Also went to a public meeting about flooding.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

I think the consultation document has a lot of great ideas.

It's really important to educate people so that they take responsibility for flooding risks around their property and 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?

The blue-green networks are an excellent initiative. They also are an opportunity to help communities. It would be good to see plans for community use, meeting places, and areas planted with trees where people can go when it's very hot.

These areas can be used for more than flood mitigation, we need to plan for heatwaves as well.

And maybe help neighbourhoods become more oriented towards the stream. Houses with a view towards it, easy access, make it a vibrant centre for 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?

Build apartment buildings with smaller footprints so we stop covering land with concrete. Stop filling sections with terraced houses.

We need more density so we can have more green spaces, that are specifically designed to be pervious.

Informing the public about the tools Council already has. I was unaware that there were flooding maps in Geomaps.

#1688

Storm Recovery and Resilience Consultation #1739

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

My son was flooded 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

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 out thr creeks 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?**

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 #1796

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

My house/family were ok but some homes in my local community in Te Atatu Peninsula were impacted 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?**

Sharing knowledge and information. Pulling together to help those who were affected.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Ensuring damaged property has been cleaned up. Having a plan for the next major weather impact to lessen damage eg sandbags, moving things to higher ground.

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Better communication before and during weather events. Planning infrastructure repairs and maintenance to lessen he impact of further 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 think that the initiatives are essential, and although the cost is high, we need to build resilience into our city to lessen the impact of 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?**

Storm Recovery and Resilience Consultation #1816

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

My retirement village was 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?**

Not applicable

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Confidence climate change mitigation is properly in place.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Prioritize storm related infrastructure is up to standard. Ensure emergency strategies will 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?

Auckland needs more of its past wetlands reestablished and estuaries looked after better.

Rivers and streams need space for self-determining flows and kept clear of obstacles that cause dams in flood conditions.

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 #1821

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

We were fortunate to escape with only damage to our backyard fruit trees, which we hope will survive. But like most Aucklanders, I have helped good friends whose houses were flooded to varying degrees - the last thing they ever expected.

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 provided rather than received help, which has in itself helped me cope with the overall devastation.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Nothing will make me feel we have "recovered". I can only assume this is a taste of things to come. This is the start of climate change, and we should accept this and get on with serious mitigation and fossil fuel replacement.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

We need to accept that the cost of doing nothing is orders of magnitude greater than the cost of really getting stuck in to the kinds of things in Making Space for Water.

But we also have to prepare for heatwaves. Proper tree protection is really urgent. The trees we have now are so valuable - just drive past Avondale Racecourse on a hot summer day and experience the alternating heat and cool as you go in and out of the shade from trees along the road. There is endless evidence that urban trees are A Good Thing. But they are being cut down all the time - so many rich people seem to be happy to risk fines, and there's so much unscrupulous behaviour.

We need to stop selling off little pockets of Council land, and turn them into refuges from the heat.

New subdivisions need heaps of planting, with funding to care for it into the future. Such colossal sums are wasted on plantings that are then either sprayed to death, or choked by weeds and killed. Surely there are people with a decent understanding of plants that can be given responsibility (and teeth) to protect what we have, and to police that developers do as they promise.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 perfect sense to me. And $1.65B is literally a small fraction of the cost of a major weather event - and there will be an increasing number of them.

It seems so unfair that renters should be hit by the down-the-line effect of rate increases - I think we need fairer taxes (eg capital gains tax, like the rest of the world!) so central government has more money to support local initiatives all over the country.

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 needs to be a sea change in how planning applications are handled - a far higher standard of understanding on the part of those involved, for a start. Maybe Auckland Council could offer a large number of big bursaries to support university study, with a corresponding number of years of service to "pay it back"?? or somehow support all the highly intelligent but impoverished young people who currently can't afford to complete tertiary education.

Two examples of the sad state of affairs now:

- A few years ago we extended our house (two 1950's forestry huts pushed together) beside Riverhead Forest. The man who visited to assess our Resource Consent was intrigued by the small dry gullies all along the road. We had an in-depth chat about how these had developed and how they functioned in storms. He came from a country that was basically flat desert.

- After the Kumeu floods a few years ago, a local dignitary was quoted in the local paper saying that of course development on flood plains would continue, because that was the only land available. !!! A few years before that, I watched in horror as a flood plain behind the Kumeu shops was reclaimed and built on. Any local who had been there for a few decades could tell you that the combination of heavy rain, storm surge at Helensville and high tide had the Kumeu River backing up a very very long way.

Storm Recovery and Resilience Consultation #1829

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Being cut off from leaving home, road closures, power outages for days, no cell phone coverage, communication by means of transistor radio and walkie-talkie.

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 fire station and crew. Local emergency response group.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

I'm not sure everyone will feel recovered especially those who have had their homes and properties damaged. There will come extreme weather again. Road repair will definitely help to feel recovery.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Keep water ways clear so water can flow. Remove obstructions.

Out here in Te Henga we have Willow trees that need to be removed from the Wetlands. They have grown to form dams which contribute to 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 support all 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?

Let wetlands be.

Storm Recovery and Resilience Consultation #1831

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

I was not personally but many of my friends in the West definitely were. The Te Waiparera (Henderson creek) ended up full of sediment and vegetation and that flowed into the harbour beside Te Atatu peninsula. Many of the banks are still covered with large branches.

The manhole overflows on the Peninsula flowed constantly and much of it was a mixture of rain and sewer materials.

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?**

By working together and seeing others doing the same

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Buyouts actually happening and giving folk certainty about options for the future

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Daylighting, stop building in flood planes, stop building halfway in hills, stop cutting down trees, protect all native and non-invasive trees over a certain size from being cut 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?**

Very supportive of all initiatives, especially community led flood resilience, blue green networks, stream rehabilitation

7. **Are there any other activities that you think are important to manage flooding that haven’t been included in Making Space for Water?**

Wetlands!!!! Recreate, reinstate, protect, restore wetlands - they are incredible carbon stores and water damage mitigation networks. Include local community nurseries and conservation projects in this work - there are many, they are local, they've got the interested and committed people and they can start tomorrow if Auckland Council gives the go-ahead.

Storm Recovery and Resilience Consultation #1844

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: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Our 88yr old neighbour was confined to her home for the duration. We were able to keep an eye on her during this time but it was isolating for her.

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?**

Clearer weather

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

A properly communications plan BEFORE the next one arrives. A well communicated plan the week (as well).

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Proper planning. Execution. Proper communications. Cohesive communicating and engagement with communities and businesses.

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?

Proper oversight from the councils on building for residents and businesses. Proper standards for refurbishments. All taking into account the weather and flooding threats nowadays in Auckland. Developers need to provide proper adequate sustainable drainage, flood preventive measures and sufficient access to residential builds.

7. Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?

Accountability in terms of standards.

Storm Recovery and Resilience Consultation #1845

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Not personally affected but many Henderson homes badly affected by being built in flood prone locations.

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?**

Communities have largely been helping each other. Unsure what official help has been offered.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

More rapid financial help and certainty about what the future holds.

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

Better maintenance on clearing drains, streams of fallen 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?

Good initiatives so long as they can be 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 #1862

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Very scary, had trouble getting across some 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?**

Hope that the rain would eventually stop!

Hope that the government will start making some serious changes to stop emissions that exacerbate global warming.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

see repairs to infrastructure and modifications to direct flood waters away from houses start.

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Change the UP to stop development in OLFP and flood plains, & make more space for water to flow without damaging property.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 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 #1886

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

5 foot 2 inches of water flooded our property covering 5 classic cars and 5 vintage motorcycles for the 2nd time in 17 months

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 available

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Knowing Auckkand Council was clearing the waterways regukarly

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Clear 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?**

7. **Are there any other activities that you think are important to manage flooding that haven't been included in Making Space for Water?**

Public Meeting to keep residence informed of work being done.

Storm Recovery and Resilience Consultation #1889

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Bad slippage on my road, not fixed yet, and undercutting of our road also. Some nearby roads inundated. Very worrying.

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 Facebook page for information. For those worse affected, food and comforts available for a time at HubWest in Henderson. Roaming check people directly afterwards was reassuring too.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Difficult to say - we would like our road to be fixed but appreciate it is tricky work and also would compromise some dwellings.

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

No housing planned for flood-prone areas. Swales incorporated in new areas where viable. Wetlands left to flourish and thrive. More areas to green up with shrubs, trees, grasses.

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests it will cost $1.65 billion to deliver them and will require additional rates from Aucklanders. Do you have any comments on the initiatives?**

Making space for Water is of utmost importance. Additional rates must be shouldered.

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 cut funding for willow control or any re-wilding projects. Keep pines out and ensure projects for wetlands, reclaimed vegetation and weed control are thriving and not suffering.

Storm Recovery and Resilience Consultation #1952

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Sewage overflow and general ground 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?**

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

Better infrasctructure with regard to sewage and stormwater

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Increase size allowing greater volume of stormwater and sewage. Be very clear on likely flood zones and land slippage

6. **There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1991

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Your feedback

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

There was a very bad. Live in two bedroom. Suddenly the whole ceiling (roof) fell down. Moved to the back room. It was mouldy. Lost the bed. Waited 2 months. Landlord took 2 months. Now Asthma. Diabetes.

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?**

Did not want to go to a motel. The house is still mouldy. No sticker. Mould increase.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

All we need is a house that is altered! (NZ Housing Brokers)

5. How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?

To fix up properties & move vulnerable people away. Do not leave for two, three months. Landlord waits - for the government - never come to see us. (40 years)

6. There are nine possible initiatives outlines in Making Space for Water (see the Storm Recovery and Resilience consultation document for details). Our initial budget suggests 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 #1996

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Your feedback

Rivercare Group

Local Board: Henderson-Massey

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Flooding Te Atatu Peninsula

Flooding in Henderson Massey Local Board 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?**

Involvement with the Riverdare Group Te Wai 0 Pareira as a trustee of a voluntary organization.

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

A better response from Healthy Waters.

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Update storm event model ling by including recent rain events. Reassess the floodplain areas that may be indicated by this updated modelling. See attached document: "Have your say - 9 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?**

See attached document: "Have your say - 9 possible 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?**

AK HAVE YOUR SAY

#1996

Storm Recovery and Resilience Consultation

Feedback must be received by **31 August 2023**

To inform the Tāmaki Makaurau Recovery Plan and guide recovery, we want to hear from you about how the storms have affected you, your aspirations for recovery, and how you think Tāmaki Makaurau can be more prepared for events like these in the future.

We'd also like to hear your views on our flood mitigation options. We have identified ways to make space for water which will improve the council's stormwater operations, and support communities, households and businesses to be more resilient to future floods. We want to know if you agree with the council making these activities a priority.

We encourage you to read the storm recovery and resilience consultation document before answering any of the following questions. You can give feedback online at akhaveyoursay.nz, or:

Scan and email your completed form to:
stormrecoveryconsultation@aucklandcouncil.govt.nz

Post your completed form to:
Auckland Council
Attention: Storm Recovery
Freepost Authority 190153
Private Bag 92300, Victoria Street West
Auckland, 1142

Your details

Your name and feedback will be included in public documents. All other personal details will be kept private.

First name: [redacted] Last name: [redacted]

Email address or postal address: [redacted]

Suburb: Te Atatu Peninsula

Your local board: Henderson Massey

Is your feedback on behalf of a group, Māori organisation or business?
(If yes, this confirms you have authority to submit on the organisation's behalf)

☑ Yes ☐ No

Name of organisation / rōpū / business: Rivercare Group

Important privacy information

The personal information that you provide in this form will be held and protected by Auckland Council in accordance with our privacy policy (available at **aucklandcouncil.govt.nz/privacy** and at our libraries and service centres) and with the Privacy Act 1993. The privacy policy explains how we can use and share your personal information in relation to any interaction you have with the council, and how you can access and correct that information. You should familiarise yourself with this policy before submitting this form.

#1996

These questions are optional but will help us understand which groups of the community are engaging with us.

[redacted]

Your feedback (all questions are optional)

1. **How were you, and your local community, affected by the extreme weather events in early 2023?**

Flooding on Te Atatu Peninsula

Flooding in Henderson Massey Local Board area

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
- ☑ No damage to my home
- ☐ I don't know

#1996

3. **In the months following the storms, what has helped you and your community get through?**

Involvement with the Riverdare Group Te Wai O Pareira as a trustee of a voluntary organisation

4. **What would help you and your community feel like you had 'recovered' from these extreme weather events?**

A better response from Healthy Waters

5. **How can Tāmaki Makaurau Auckland be more prepared for events like these in the future?**

Update storm event modelling by including recent rain events. Reassess the floodplain areas that may be indicated by this updated modelling. See attached document: "Have Your Say – 9 possible imitiatives"

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?**

See attached document " Have Your Say – 9 possible 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?**

Need more room? You can attach extra pages.

HAVE YOUR SAY AND HELP US SHAPE OUR STORM RESILIENCE – 9 POSSIBLE INITIATIVES

1. INCREASED MAINTENANCE

See section 4.

2. FLOOD INTELLIGENCE - DEVELOPMENTS IN FLOOD PLAINS

Floodplains in the Auckland region have been developed from hydrological monitoring and stream gauging in stormwater catchments, including the Oratia[1], Opanuku[2], Swanson[3], Henderson[4] and Massey/West Harbour[5] Catchments, over the period 2007 - 2017. These catchments feed Te Wai O Pareira/Henderson Creek that in flood events provide the greatest freshwater flow to the Waitemata Harbour. In flood events these flows can exceed the average flows recorded in the Waikato River.

Hydrological modelling has been used to assess the performance of the stormwater system and identify floodplains and overland flow paths in the catchments for the 2, 5, 10, 20, 50 and 100 year Average Recurrence Interval (ARI) storms. The modelling assumes that the network is operating to design flow specifications. Unidentified wastewater connections have not been allowed for in the modelling.

- ***Has catchment modelling been updated to improve model validation by incorporating rainfall and stream gauging data 2018 - 2023?***
- ***Are the updated catchment models likely to increase the areas of the floodplains in Geomaps?***

3. COMMUNITY LED FLOOD RESILIENCE

Te Mana o te Wai is not referenced in the consultation document. Te Mana o te Wai is a principle that recognises the vital importance of clean, healthy water for maintaining the health of our waterbodies, freshwater ecosystems and the communities that rely upon them for their sustenance and wellbeing. It is the fundamental concept of the Essential Freshwater regulations introduced by the NZ Government in 2020.

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[1] ORATIA Model Build and System Performance Report 2016 FLOOD PLAIN DOCUMENTS HTTPS://WWW.AUCKLANDCOUNCIL.GOVT.NZ/PAGES/FLOOD-PLAIN.ASPX?FLOODPLAINID=69

[2] Opanuku Catchment Model Build and System Performance Report 27-01-2017 https://www.aucklandcouncil.govt.nz/Pages/flood-plain.aspx?FloodPlainID=142

[3] SWANSON (SWANSON & PAREMUKU) MODEL BUILD AND CALIBRATION 2009-2011 FLOOD PLAIN DOCUMENTS HTTPS://WWW.AUCKLANDCOUNCIL.GOVT.NZ/PAGES/FLOOD-PLAIN.ASPX?FLOODPLAINID=108

[4] HENDERSON FHM MODEL BUILD AND SYSTEM PERFORMANCE REPORT OCT 2018 HTTPS://WWW.AUCKLANDCOUNCIL.GOVT.NZ/PAGES/FLOOD-PLAIN.ASPX?FLOODPLAINID=140

[5] Massey and West Harbour Catchments: Stormwater modelling: Model Build and system performance Report 2020 https://www.aucklandcouncil.govt.nz/Pages/flood-plain.aspx?FloodPlainID=134

These regulations require that when making decisions on flood resilience, Auckland Council must prioritise:

- first, the health and wellbeing of water bodies and freshwater ecosystems
- second, the health needs for people, such as drinking water
- third, the ability of people and communities to provide for their social, economic, and cultural well-being, now and in future.

4. STREAM REHABILITATION

Hydrological modelling (S 2.2) includes allowances for stream "roughness". In severe storm events such as those experienced in 2023, many exotic trees were swept from the stream banks. These increase the stream "roughness" and inhibit stream flows.

- ***What action has been undertaken to the remove fallen trees and replacing large trees from the stream banks and planting with more flood resilient vegetation.***

5. RURAL SETTLEMENTS

No comment

6. CULVERT AND BRIDGE UP GRADES

Many pipe bridges, siphons and engineered overflow points (EOP) exist on the wastewater transmission network in the Te Wai O Pareira/Henderson Creek catchment. As large portions of the transmission network are located in floodplains and subject to inundation in flood events. All of these structures (particularly the EOPs) present the risk of wastewater overflows to the catchments of Te Wai O Pareira/Henderson Creek.

- ***Is it possible to include these risks into upgraded hydrological models?***

7 BLUE-GREEN SPACE

It is accepted that the proposed blue green assessment has merit.

Two of the 12 areas, the Waiomoko (Swanson) Stream and the Opanuku Stream in the Te Wai O Pareira/Henderson Creek catchment, are identified for assessment as blue-green areas. Three other floodplains that discharge to Te Wai O Pareira, the Oratia Stream, the Henderson catchment and the Massey/West Harbour catchment, are not included in the assessment for blue green areas.

7.1 OPANUKU STREAM (HENDERSON)

Hydrological modelling of the stormwater network in 2017 identified the floodplains and their risks. The model predicted that in a 100 year ARI event 53 residential and 10 commercial buildings were at risk from flooding above floor level. A further 243 flooded beneath the floors.

Over 80% of the Henderson Valley wastewater transmission line is in this floodplain and subject to inflow in storm events.

7.2 ORATIA STREAM

Hydrological modelling of the stormwater network in 2016 identified the floodplains and their risks. The model predicted that in a 100 year ARI event 101 residential buildings were at risk from flooding above floor level. A further 238 were predicted to flood beneath the floor and 405 were not assessed.

Both the Oratia and Opanuku Streams were included in Project Twin Streams (PTS) that resulted in flood plain redevelopment, similar to the blue-green approach, at identified locations. The Waiomoko Stream (Swanson) was not included in PTS.

7.3 HENDERSON

The Henderson catchment is located downstream of the Opanuku and Oratia catchments and includes Te Atatu Peninsula. Hydrological modelling of the stormwater network in 2018 identified the floodplains and their risks. The model predicted that in a 100 year ARI event 142 residential and 29 commercial buildings were at risk from flooding above floor level.

Over 40% of the Glen Eden Branch wastewater transmission line flows through the floodplains of the Henderson catchment. A portion of the Whenuapai wastewater transmission line flows through Te Atatu Peninsula. The flows through both transmission lines are very high in storm events resulting in over 30 major overflows resulting in Safeswim closures of The Wai O Pareira/Henderson Creek for recreational use on approximately 90 days in the year 2022-23. These flood related events restrict community use of a Class 1 recreational waterway.

7.4 MASSEY AND WEST HARBOUR

The Massey/west Harbour catchment is located opposite Te Atatu Peninsula on Te Wai O Pareira/Henderson Creek. Several urban streams discharge to the awa. Hydrological modelling of the stormwater network in 2020 identified the floodplains and their risks. The model predicted that in a 100 year ARI event 77 buildings were at risk from flooding above floor level and a further 40 were predicted to flood beneath the floor.

7.5 WAIOMOKO (SWANSON) AND PAREMUKA STREAMS

Hydrological modelling of the stormwater network in 2011 identified the floodplains and risks of these streams. The general location of red stickered homes resulting from flood events since 2017 has been identified in the floodplains at Waiomoko Glen, Don Buck Reserve and Clover Drive. Clover Drive is not included in the hydrological modelling of the Waiomoko (Swanson) Stream catchment.

Over 40% of the Swanson wastewater transmission line is in this flood plain and subject to inflow in storm events.

- ***Is the outcome of PTS likely to be included in the development of blue-green space?***
- ***Have the Oratia, Henderson and Massey/West Harbour Catchments been considered for inclusion in the blue-green assessment?***
- ***Can the blue-green assessment consider to priority of improving the recreational facility of Te Wai O Pareira/Henderson Creek?***
- ***Will the proposed blue-green assessment assess the effect of inundation of the wastewater transmission lines located in the floodplain areas?***
- ***Has catchment modelling been updated to improve model validation by incorporating rainfall and stream gauging data 2018 - 2023?***

8 OVERLAND FLOW PATH MANAGEMENT

See sections 2.2 and 7.

9 HIGH RISK PROPERTIES - PIPED STREAMS

Piped streams are a common factor in flood events in the Te Wai O Pareira/Henderson Creek catchment. The modelled assessment of the Waiomoko (Swanson) and Paremuka Streams describes the pipe systems of Armada Drive (discharging downstream of Waiomoko Glen) and Don Buck Road (discharging downstream of the Don Buck Reserve). These discharges are likely to influence the flood events at Waiomoko Glen and Don Buck Reserve.

The Don Buck Road discharge is also likely to effect Clover Drive. The Clover Drive pipe system (discharging to the Paremuka Stream downstream of Universal Drive) has not been included in the flood plain models identified above. It is highly likely that flood stream levels in the Paremuka Stream result in backflow to the piped stream inhibiting drainage and causing the extreme flooding experienced in this area.

- ***Will the proposed blue-green assessment include stormwater modelling of the Clover Drive pipe system?***
- ***Will the proposed blue-green assessment provide an assessment of daylighting piped streams?***