

Subject: RE: Blue/Green ,Wairau
Sent: 27-Nov-25, 8:58:10 AM
From: Wilson, Therese <s 9(2)(a)>
To: Wilson, Therese

From: Tom Mansell <s 9(2)(a)>
Sent: Friday, 27 October 2023 10:52 am
To: s 9(2)(a)
s 9(2)(a) s 9(2)(a)
Cc: Vicky Otene <s 9(2)(a)>; Mereana Taungapeau <s 9(2)(a)>
Subject: FW: Blue/Green ,Wairau

Kia ora Koutou,

At the October Kaitiaki Forum- Craig Mcllroy and I presented a further update on the Making Space for Water programme. Please find attached the October presentation, as well as the initial presentation in May (presented by Craig and Janet Kidd).

For the Blue/Green network projects 4 areas have been identified to start with (Te Auaunga Stage 2, Te Ararata Greenway, Waimoko Swanson & Opanuku Twin Streams, Wairau Creek). We would like to work closely with Iwi on these and those developed in the future. There are opportunities for Iwi to be involved in future selections, there will be approximately 12 projects in total.

You have been identified as potentially having an interest in the Wairau catchemnt. My team and I would like to initiate initial 1:1 kōrero hopefully this side of Christmas with you to discuss the level of involvement you would like in this partnership of designing and building these Blue/Green projects. Some Kaitiaki have already reached out for and have had an initial 1:1.

Please advise (by return email) if you would like to schedule a hui to discuss these catchments and/or the wider programme and any specific matters of interest for your iwi. We will continue these discussions and planning/developing in the new year (and beyond).

Ngā mihi
Tom Mansell | Te Upoko o ngā Putanga Toitū | Head of Sustainable Outcomes
Healthy Waters | Infrastructure and Environmental Services
<s 9(2)(a)>
Auckland Council, Level 17, Auckland House, 135 Albert Street, Auckland 1010

[We read Auckland. Celebrate Auckland authors with free events and our local bestie collection from 1 to 31 August.](#)

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Subject: RE: Making Space for Water presentation
Sent: 02-Dec-25, 1:37:10 PM
From: Wilson, Therese s 9(2)(a)
To: Wilson, Therese

From: Petimani Lafaale s 9(2)(a) **On Behalf Of** I&ES Maori Engagement
Sent: Friday, 13 October 2023 3:57 pm
To: s 9(2)(a)

[Redacted]

Subject: Making Space for Water presentation

Kia ora koutou

Attach is Tom & Craig's 'Making Space for Water' presentation from this morning.

Ngā mihi,
I&ES Admin Team
Auckland Council, Albert Street, CBD.
Visit our website: www.aucklandcouncil.govt.nz
For all your support queries please email s 9(2)(a)



[Redacted]

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Making Space for Water Update

Building Back Better

Tom Mansell

Healthy Waters

Auckland Council

13 Oct 2023

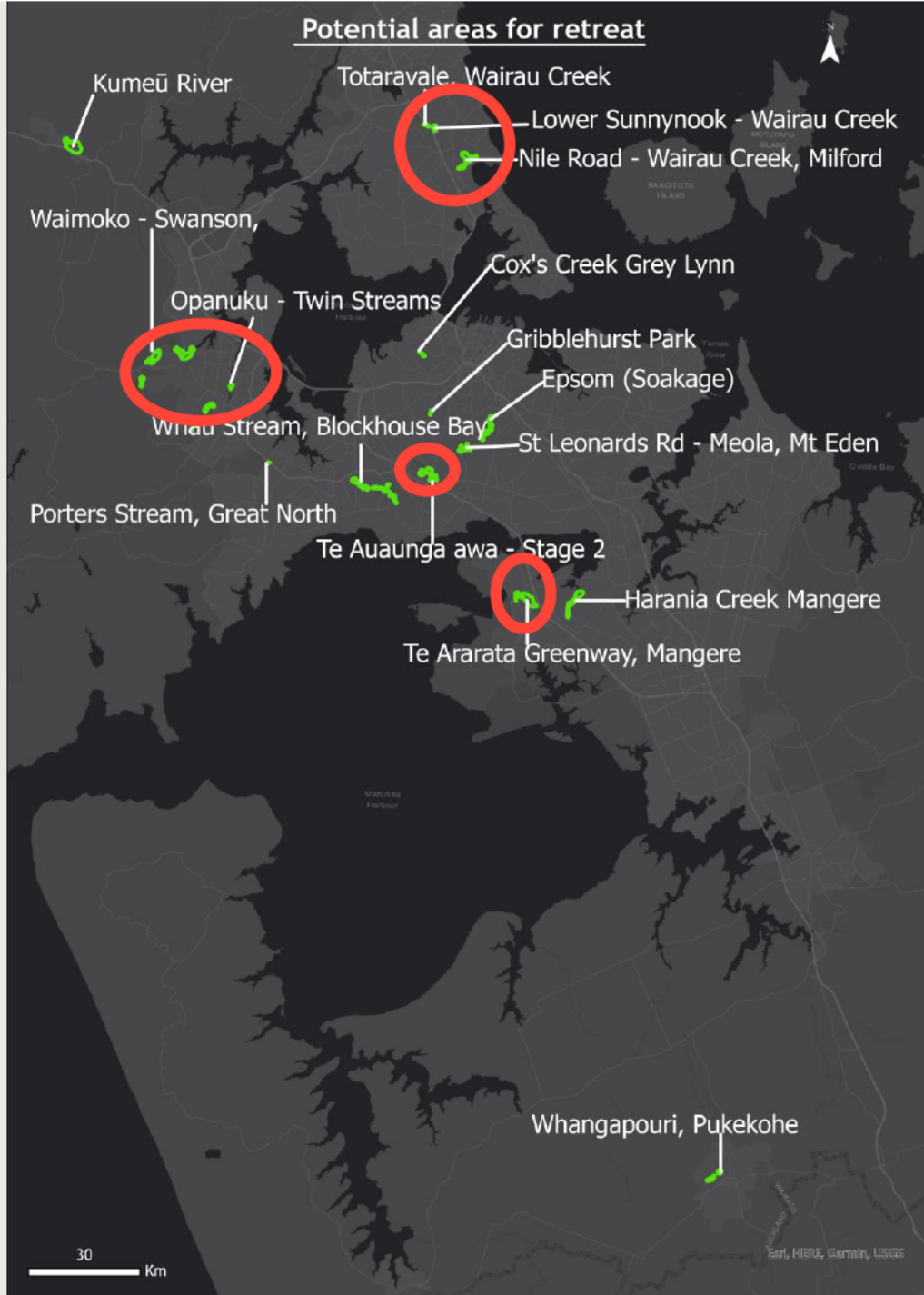


The first 4 Blue/Greens

- Te Auaunga stage 2, Mt Roskill
- Te Ararata Greenway, Mangere
- Waimoko/Swanson and Opanuku-Twin Streams
- Wairau Creek



Potential areas for retreat



Blue-Green Network Projects



Waimoko - Swanson, Ranui - Lincoln North

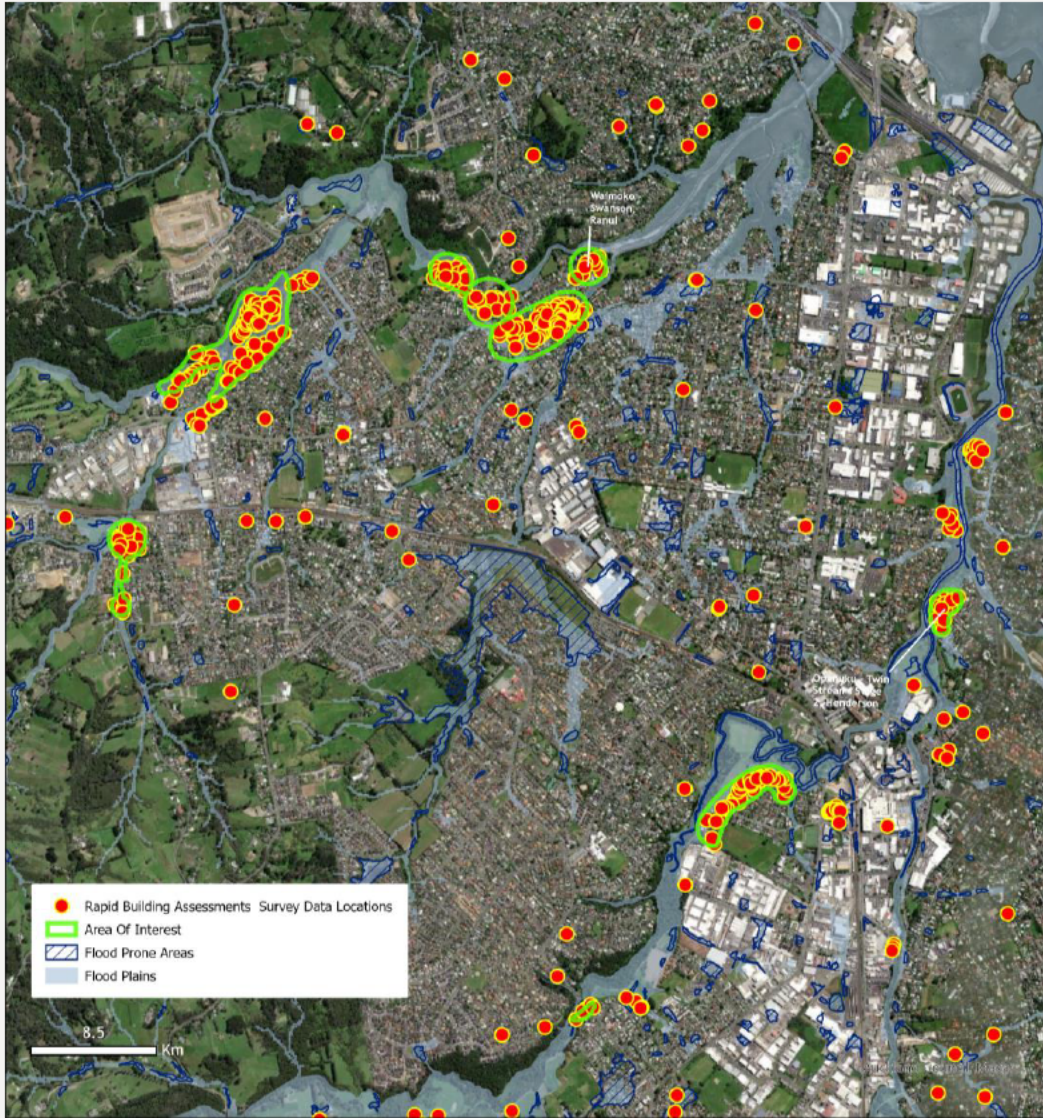


Image source: RNZ



Making Space for Water – Next Steps & Opportunities

Craig Mcilroy

Janet Kidd

Kaitiaki Forum – 12 May 2023

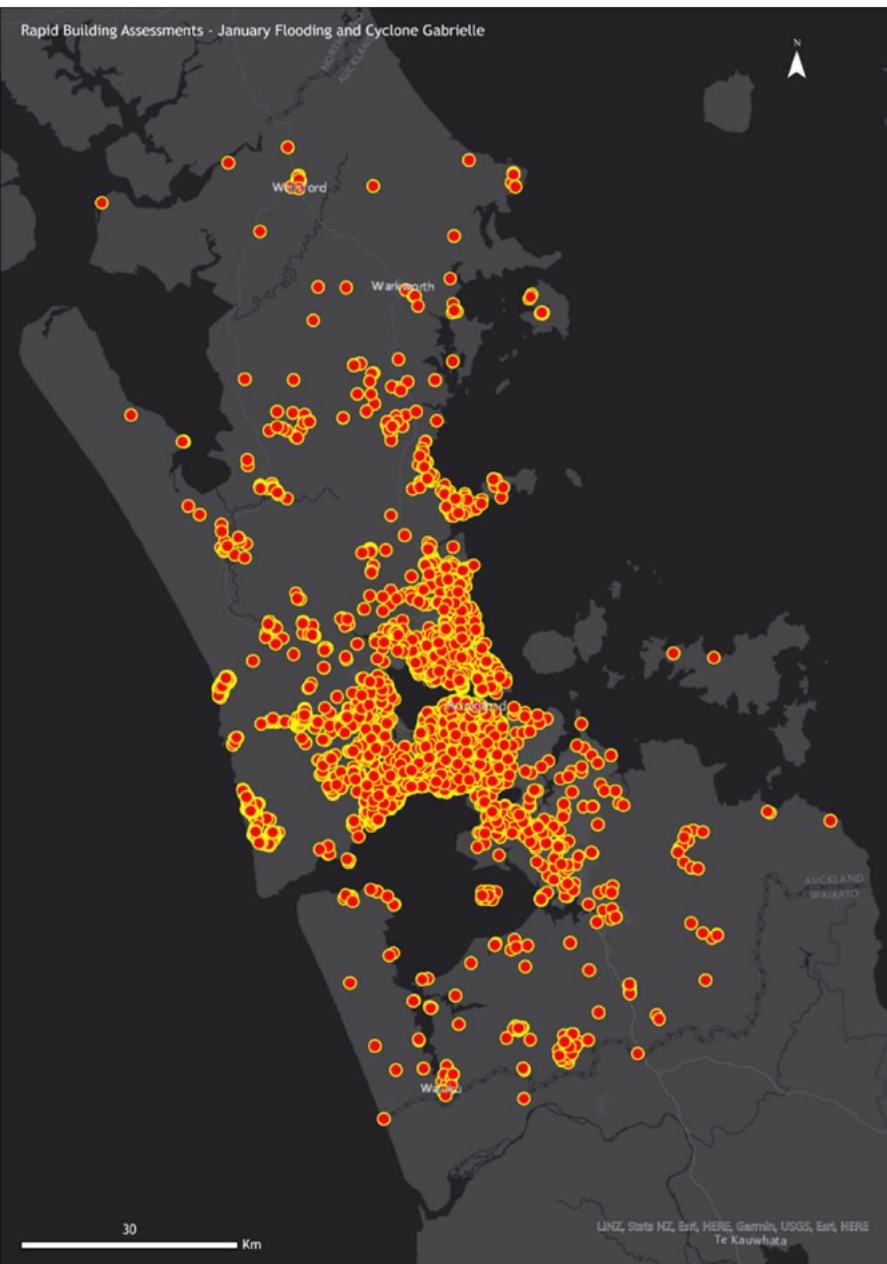




**HE TAURA WHIRI KOTAHI MAI ANŌ
TE KOPUNA TAI NO I TE PU AU**

From the source to the mouth of the sea,
All things are joined together as one





Recap of 2023 events so far

Auckland Anniversary largest ever rain event in Auckland

Above the 100-year
1000s of properties inundated with floodwater

Flooding aligned with Healthy Waters' modelling

50,000 properties located in flood plains

Predominantly older areas of the city



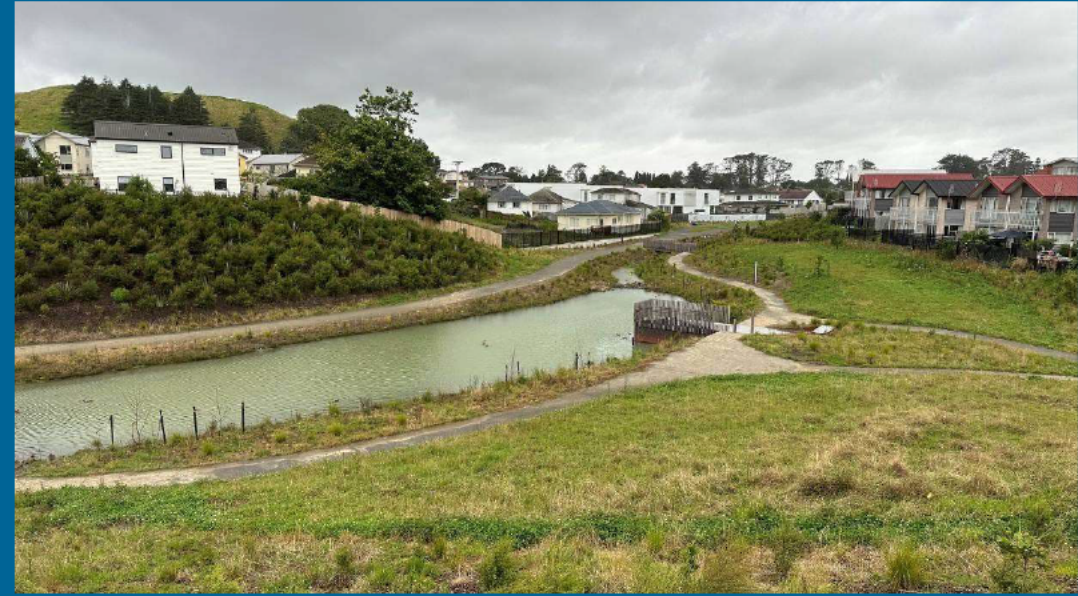


- **New blue-green infrastructure was effective**
- **Pre-maintenance was undertaken**
- **Systems performed as designed**



27 January 2023
Freeland Reserve, Mt Roskill

Image source: roskilldevelopment.co.nz



31 January 2023
Freeland Reserve, Mt Roskill



Making Space for Water Objectives

Reduce

Reduce existing flood risks

Avoid

Avoid creating new flood risks

Aware

Raise people's awareness of flood risks

Prepare

Be prepared for flood events



Overview of toolkit of interventions



Operations and maintenance

- Increased maintenance
- Flood intelligence



Neighbourhood solutions

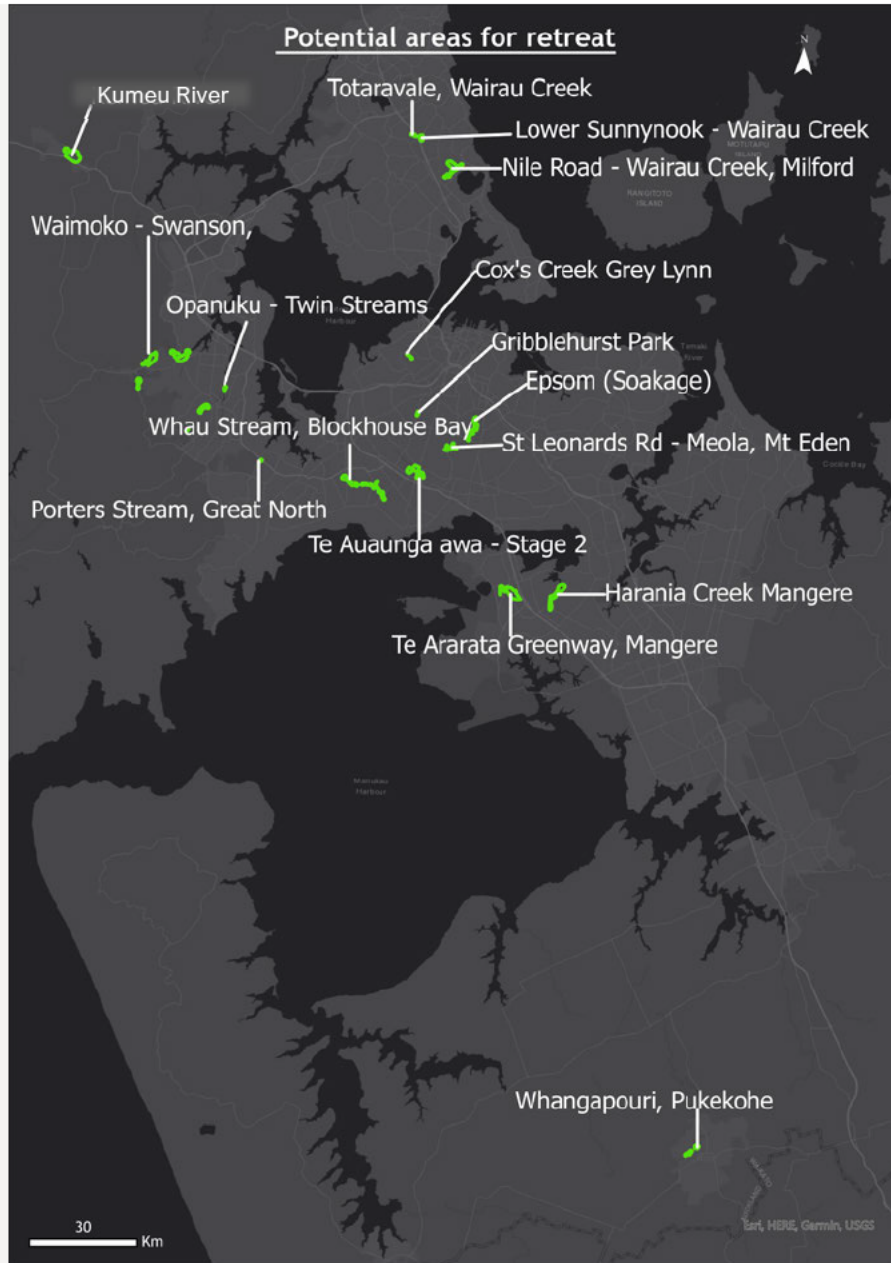
- Community led flood resilience
- Stream rehabilitation
- Rural settlements
- Culvert & bridge upgrades
- Blue-green networks



Site specific interventions

- Overland flow path management
- High-risk properties





Blue-Green Network Projects



Working through more detail....

Explore opportunities for working together

Community led flood resilience & education programmes

- Advice for property-owners in high-risk areas
- Industry-specific advice on reducing flood risks
- Regional public awareness events and campaigns
- Location-specific community risk reduction projects
- Community-led stream restorations

Increased maintenance

- Road sweeping
- Catchpit cleaning
- Stream maintenance
- Overland flowpath management
- Increased compliance

Soft infrastructure solutions

- Extending blue green networks
- Detention ponds / wetlands
- Bank stabilisation
- Stream rehabilitation
- Land contouring

Hard infrastructure solutions

- Culvert and bridge upgrades
- Floodwalls
- Site recontouring
- Raising building floor level
- Relocate house on section

Managed Retreat

- Land swap
- Purchase and removal

Key considerations...

- **Need to meet Recovery Taskforce and Government timeframes**
- **Feeding into wider council Flood Recovery Programme**
- **Implications for Affordable Water Infrastructure reform**
- **Identifying if LTP amendment required to fund flood-risk reduction**
- **Linkages with ongoing policy development in Auckland**
- **Rapid turnaround times – need to rely on existing capabilities for some initiatives**



Exploring opportunities for working together...

Programme initiatives presented early to I&ES Kaitiaki Forum

- Today: drone surveys, community led-restoration

Iwi led solutions

Integrate with previous discussions and initiatives

- Compliance, Te Auaunga, GEMS, stream walks



Pātai?



Subject: Declined: Wairau Mana Whenua Working Group Hui

Sent: 24-Oct-24, 3:36:20 PM

From: Zaelene Maxwell-Butler s 9(2)(a)

Kia ora kōrua

With Mill Road coming back online, I find my time is even more limited that it already was so, I'm very sorry, I will have to decline to participate in this kaupapa.

Wishing you some wins but please do continue to send me the Minutes etc.

Noho ahuru mai rā

Zaelene Maxwell-Butler

Pou Pākaekae – Taiaomaurikura

Physical Address: 11 Papakura-Clevedon Rd, Clevedon

Postal: PO Box 141, Clevedon, 2248

Mobile: s 9(2)(a) **Office:** (09) 292 8484

Email: s 9(2)(a)

