



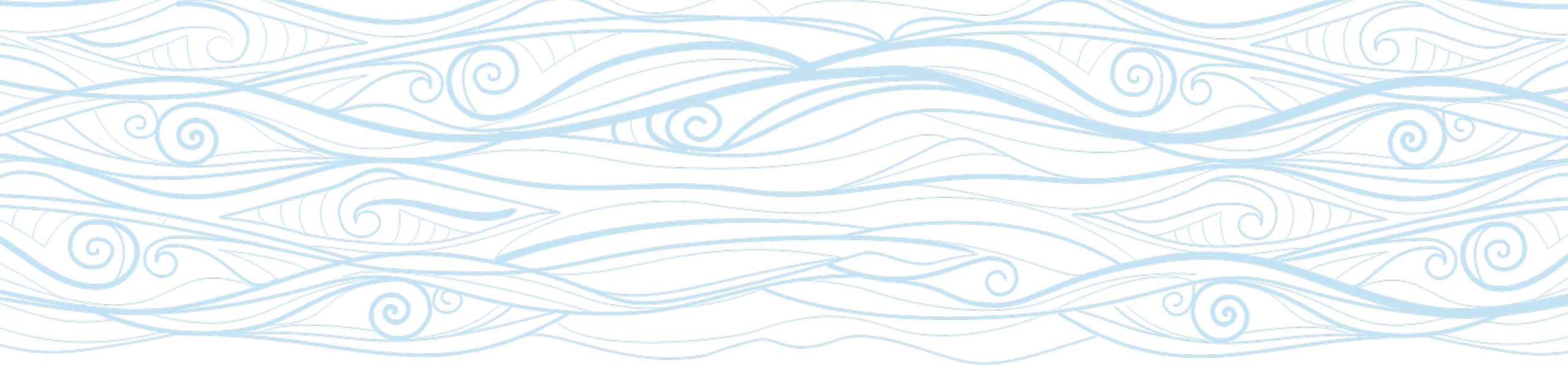
Water watchers – watching Tauranga's water for good

Ryan Orr - GHD and Peter Bahrs - Tauranga
City Council



water
NEW ZEALAND
CONFERENCE & EXPO
17-19 OCTOBER 2023
Tākina, Te Whanganui-a-Tara Wellington



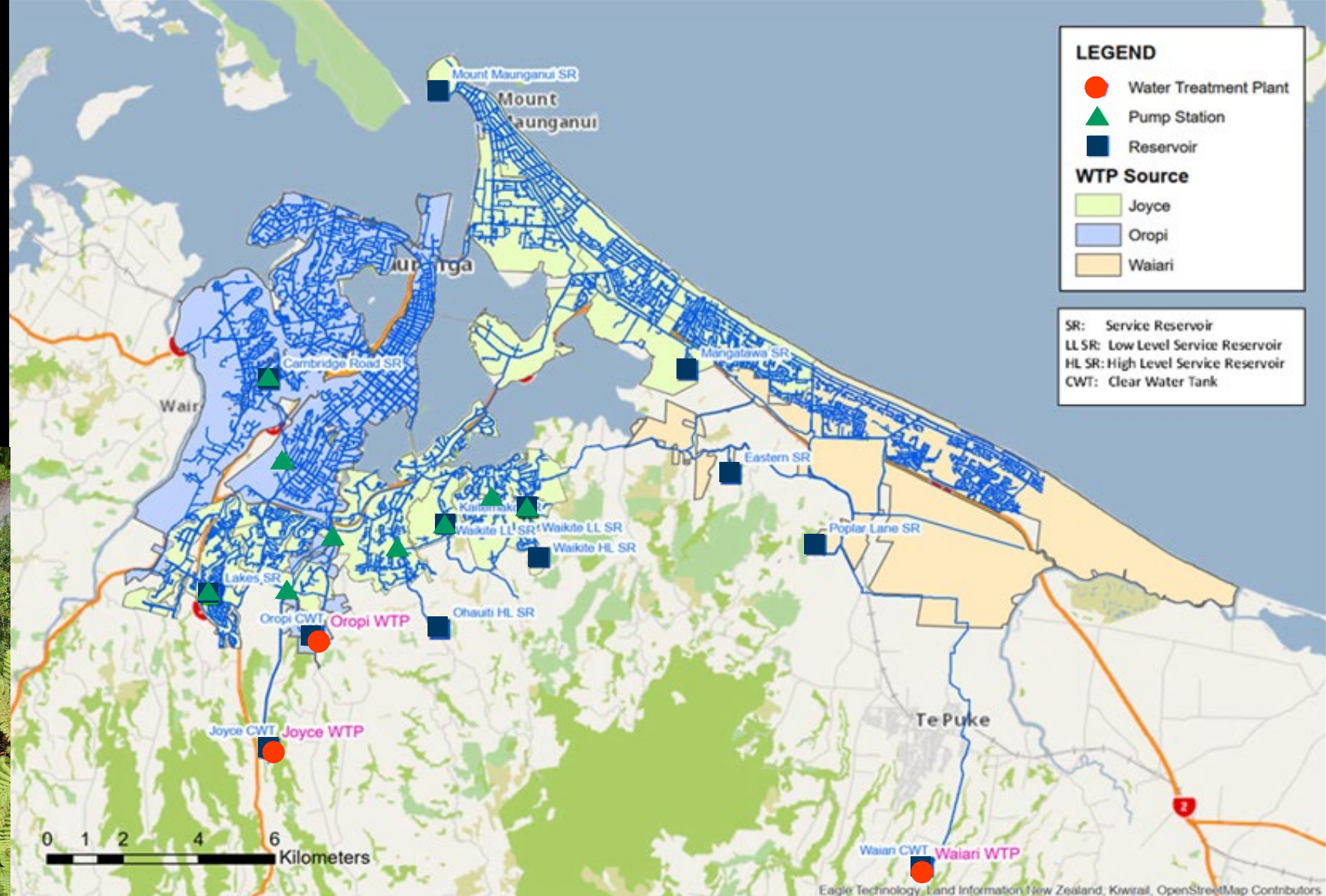


Tauranga's water journey



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Tauranga's Water Supply Network



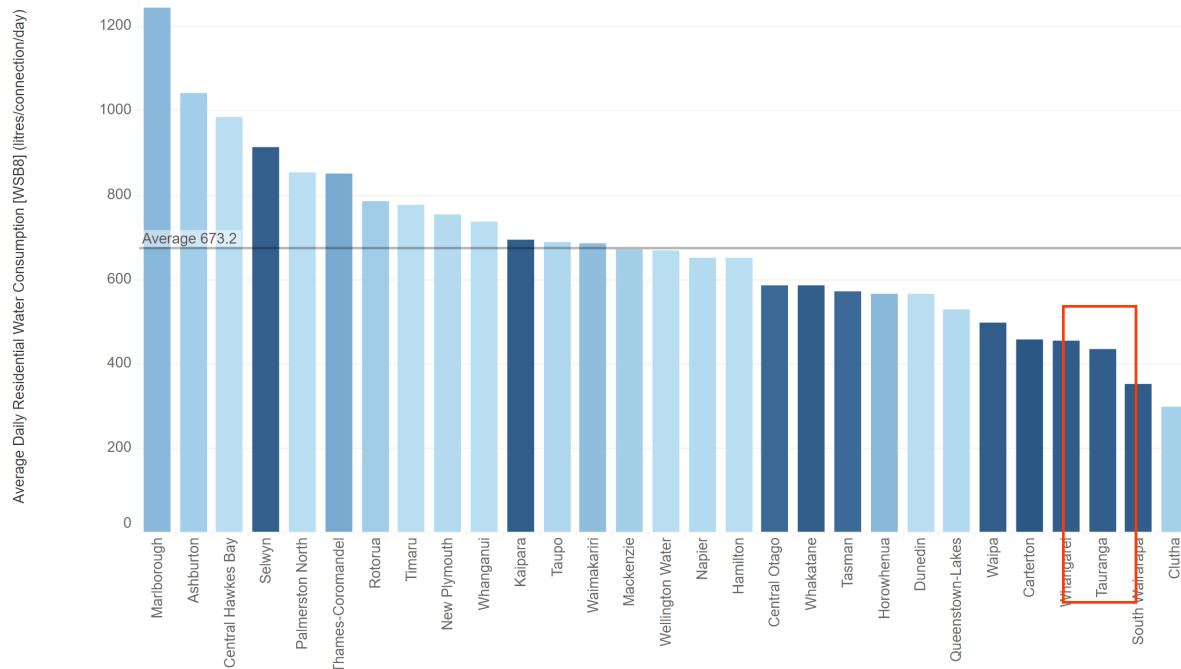
The history of our consumption

Average daily residential water use (litres/connection/day)

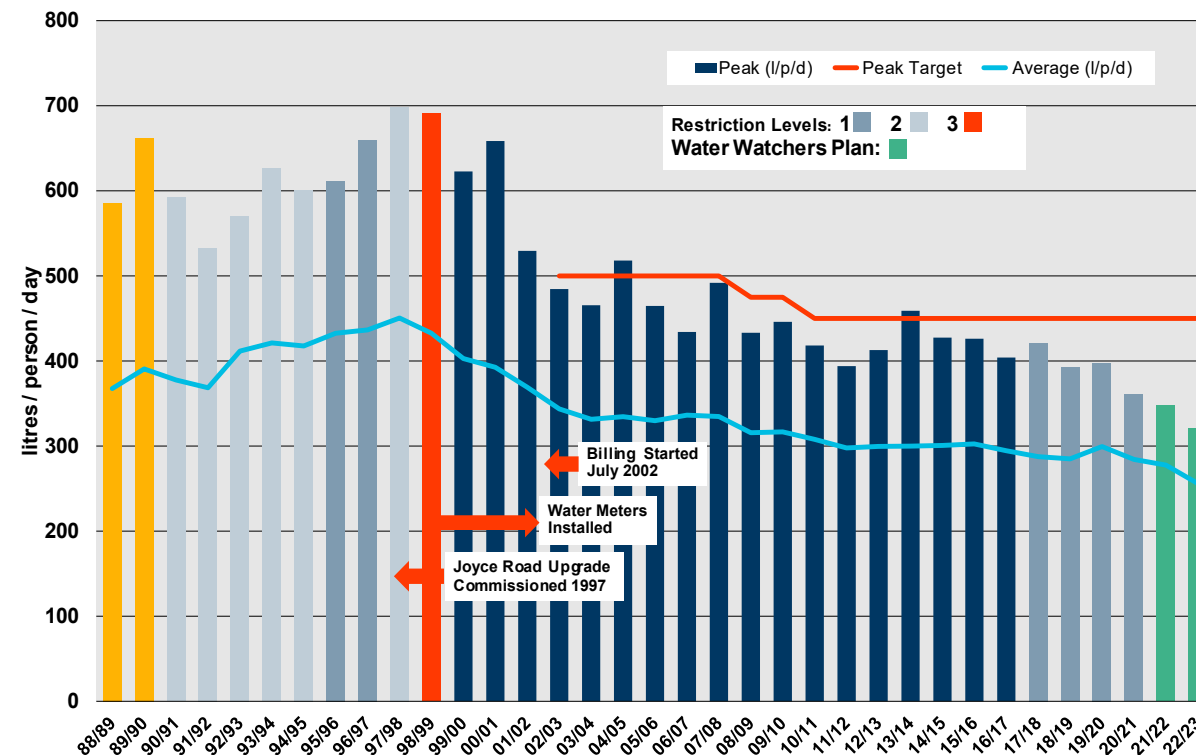
Bars are colour coded according to the proportion of the network that has residential water metering.

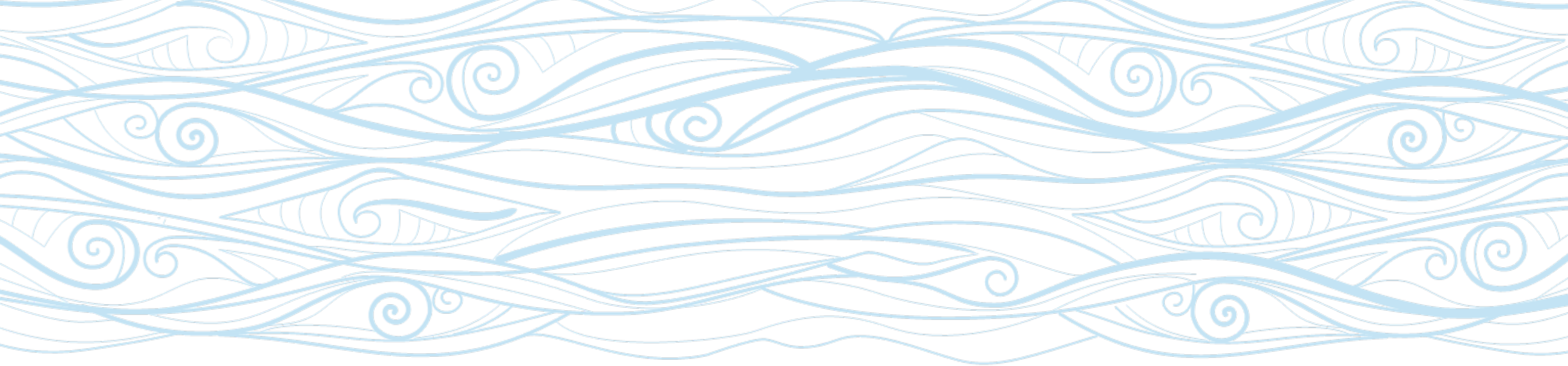
Percentage of residential connections with meters (WSA9a/WSB2)

0% 104%



TCC water supply - peak day & average demand (litres per person per day)





The changing water challenge

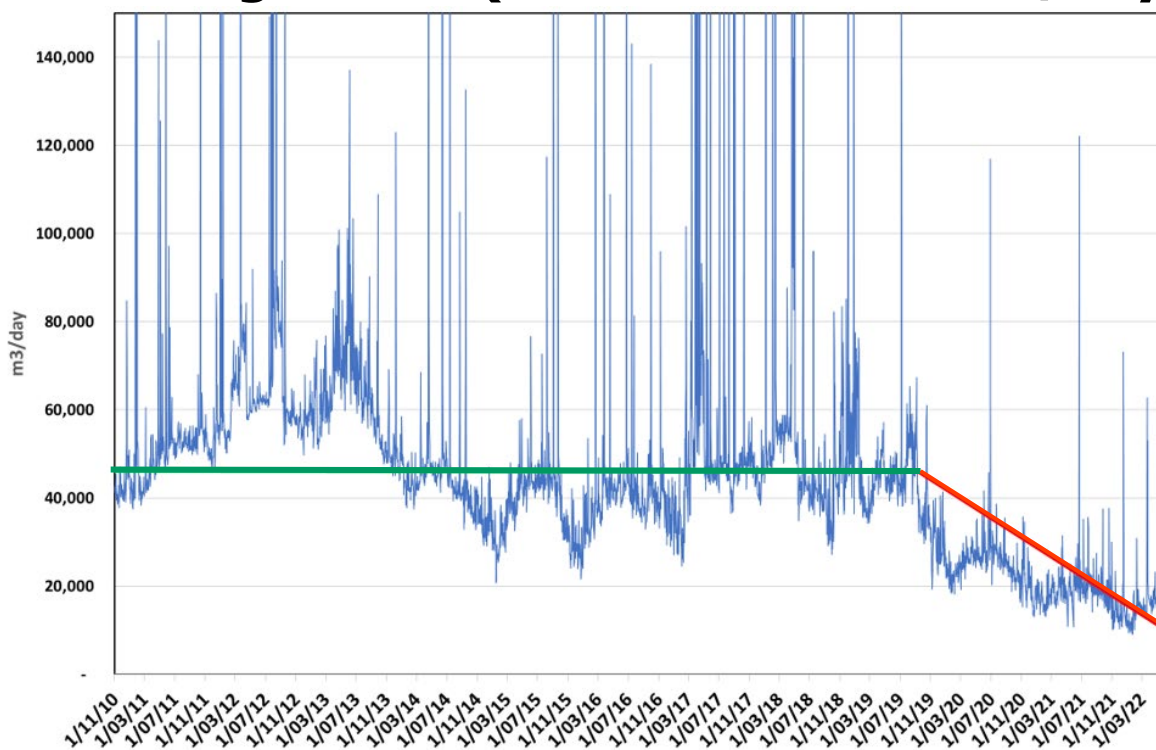
➔ and why change was required



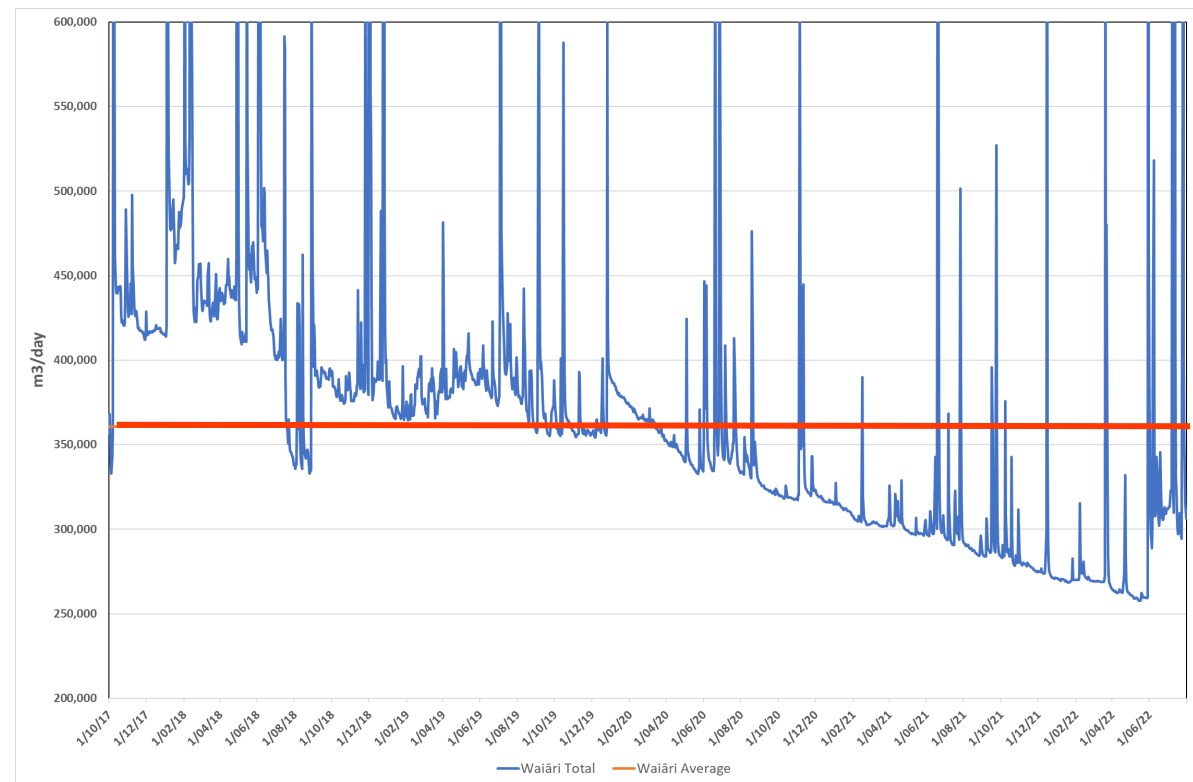
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Source water flows

Existing source (Tautau Stream - m3/day)



Future source (Waiari Stream - m3/day)



Source water flows

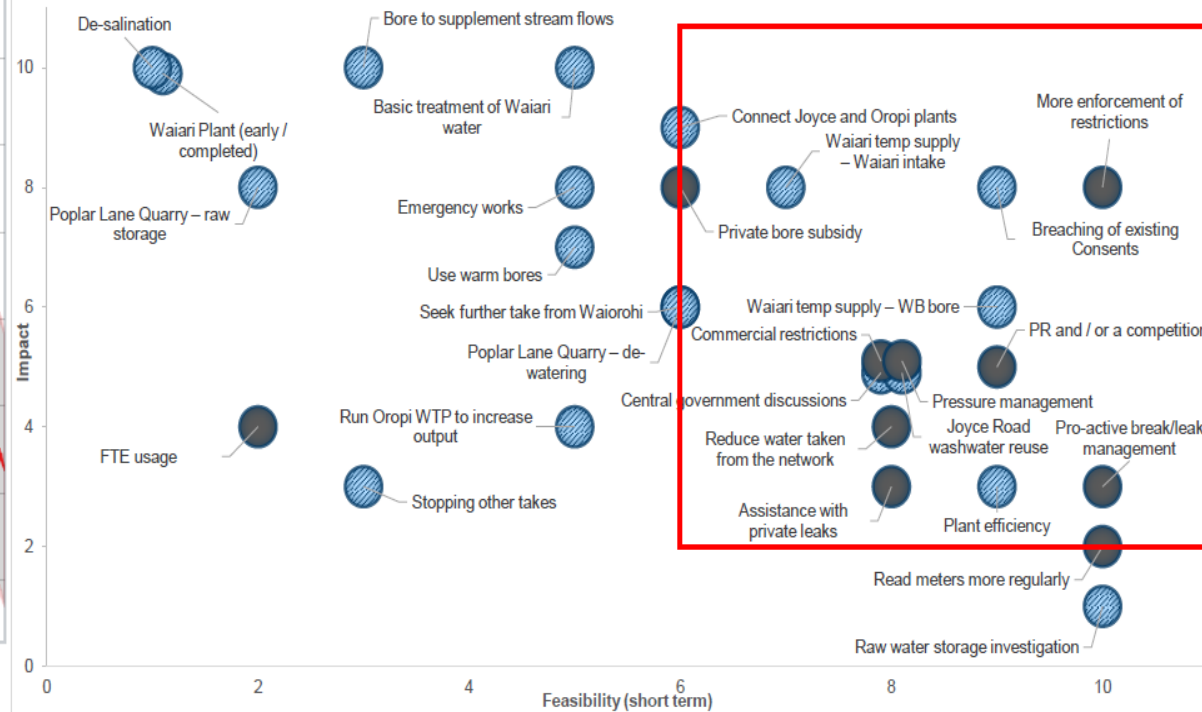


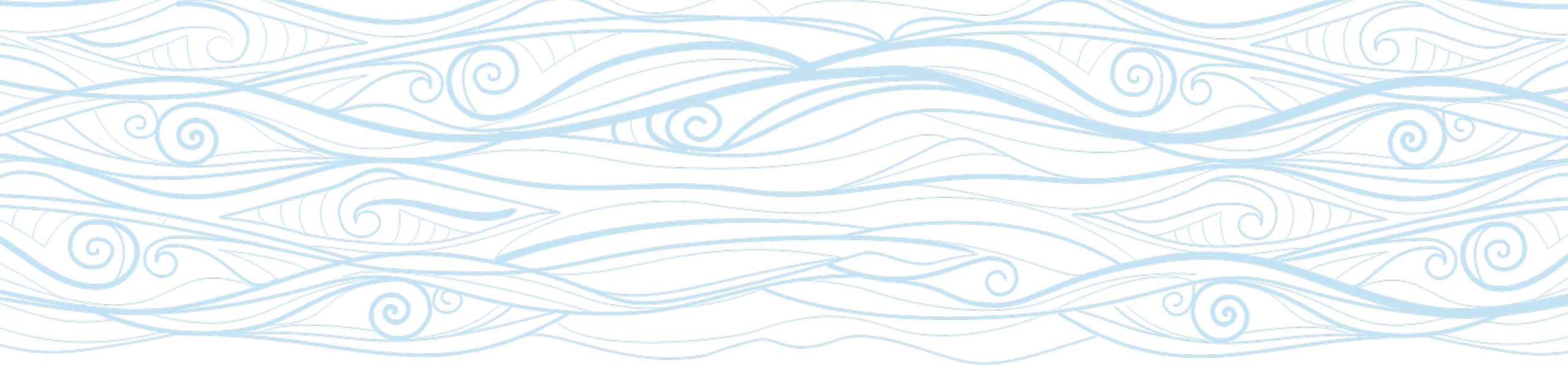
Assessment of options

Forecast Plot



SHORT TERM WATER SUPPLY OPTIONS





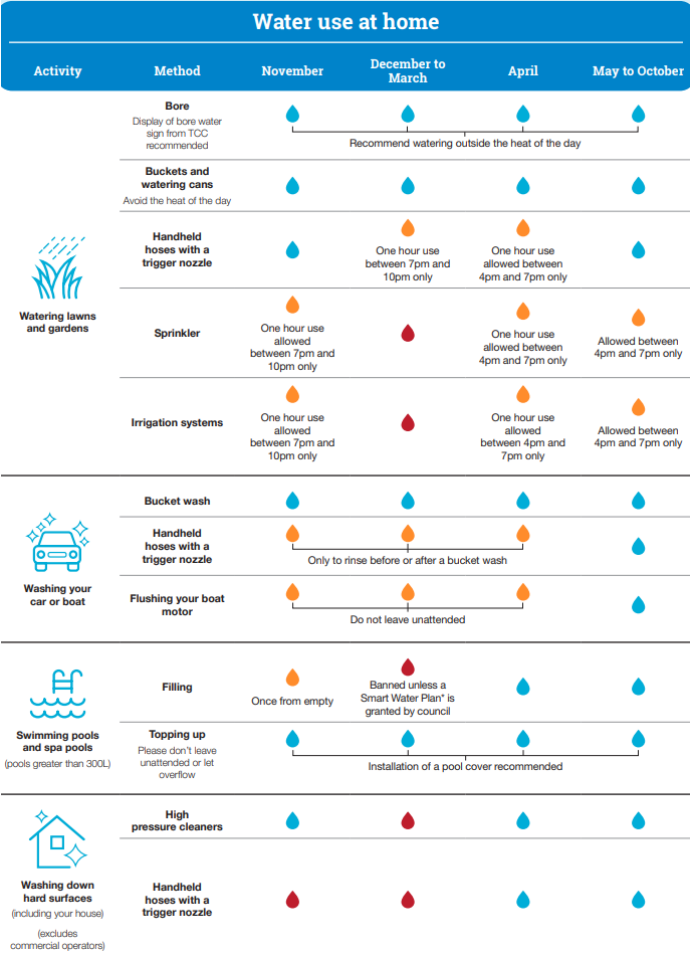
The Water Watchers Plan

➔ Educate for change, without alarm



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Plan development



Communicating the plan




Water watch: World Water Day a timely reminder



Photo: Tauranga City Council.

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VIDEOS




A flourishing garden without water

Tauranga City Council
Published by Anna McLoughlin · 1 December 2021 ·

Summer's here and outdoor watering restrictions are heating up too. From December to March, sprinklers are a no-go, but there are other ways to show your garden some love.

Handheld hoses with a trigger nozzle are a-okay for an hour between 7pm and 10pm. Watering cans and buckets are all good too.

For more info about how you can use water at home, at work and in the community check out our new Water Watchers Plan at: www.tauranga.govt.nz/waterwatchers ... See more




NZHERALD.CO.NZ
Local Focus: Sprinklers banned until April under new Tauranga council plan - NZ Herald

Tauranga City Council
Published by Sarah Barlow · 22 November 2021 ·

Our new Water Watchers Plan is now in place 💧

The new plan replaces traditional outdoor watering restrictions with a year-round plan to help maintain our water supply, and provide us all with clarity about how we can use water at home, at work, and in the community.


We're easing into the new plan over the next two weeks, with restrictions hotting up from 1 December in line with the warmer weather.... See more



We're watching our water for good.

See insights Boost post

Tauranga City 7 day average water use



Water restrictions now apply

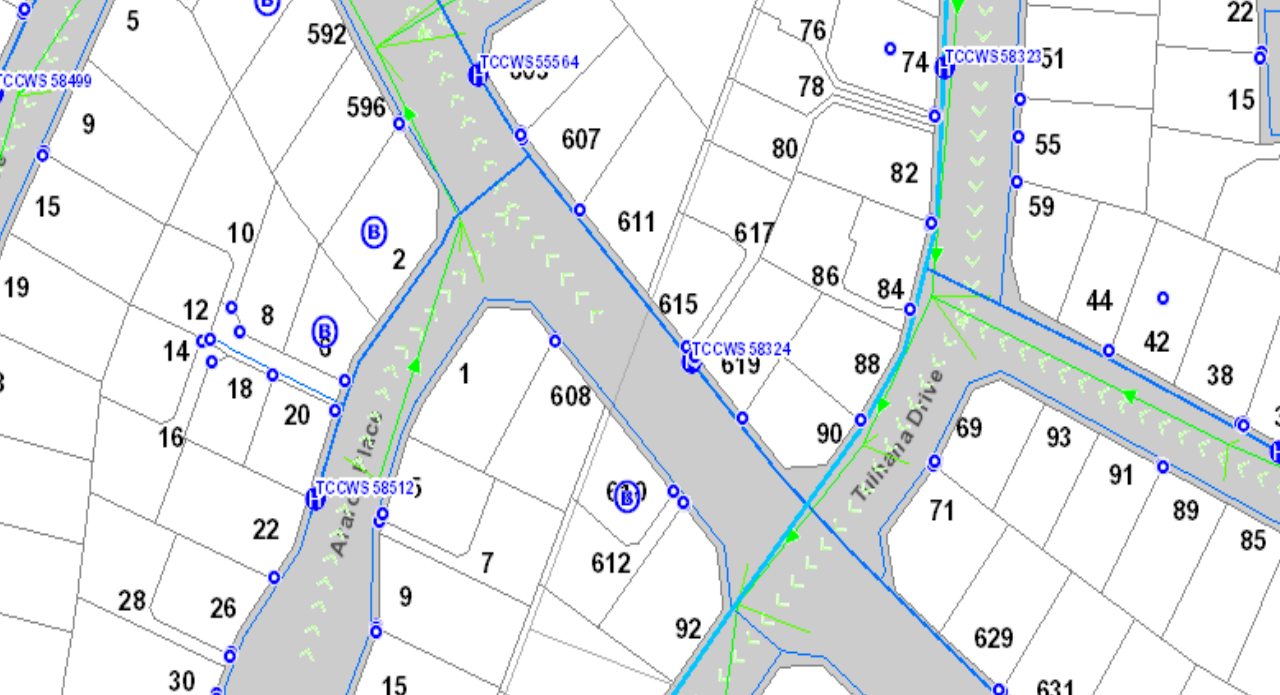


Sometimes it rains, sometimes it pours, but we still need to watch our water.

Here's why



Tauranga City



180

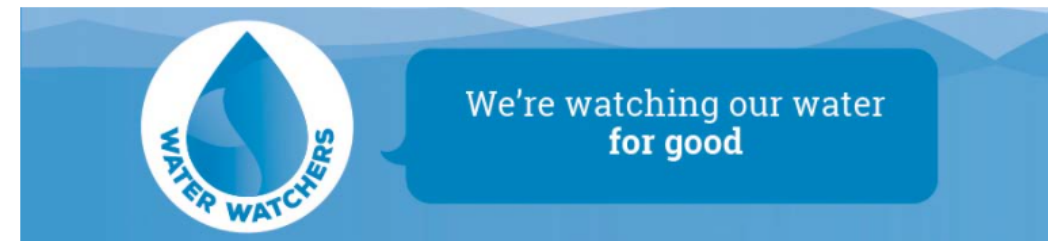
Bore signs sent out

106

Smart Water Plans received

119

Water Watchers breach CCMs received



Smart Water Plan Application Form

Please note this form automatically saves if you use the same browser/device so you can come back and complete it at any time.

* indicates a mandatory field

Applicant details

Business/community group name:

Applicant name: *

Postal address: *

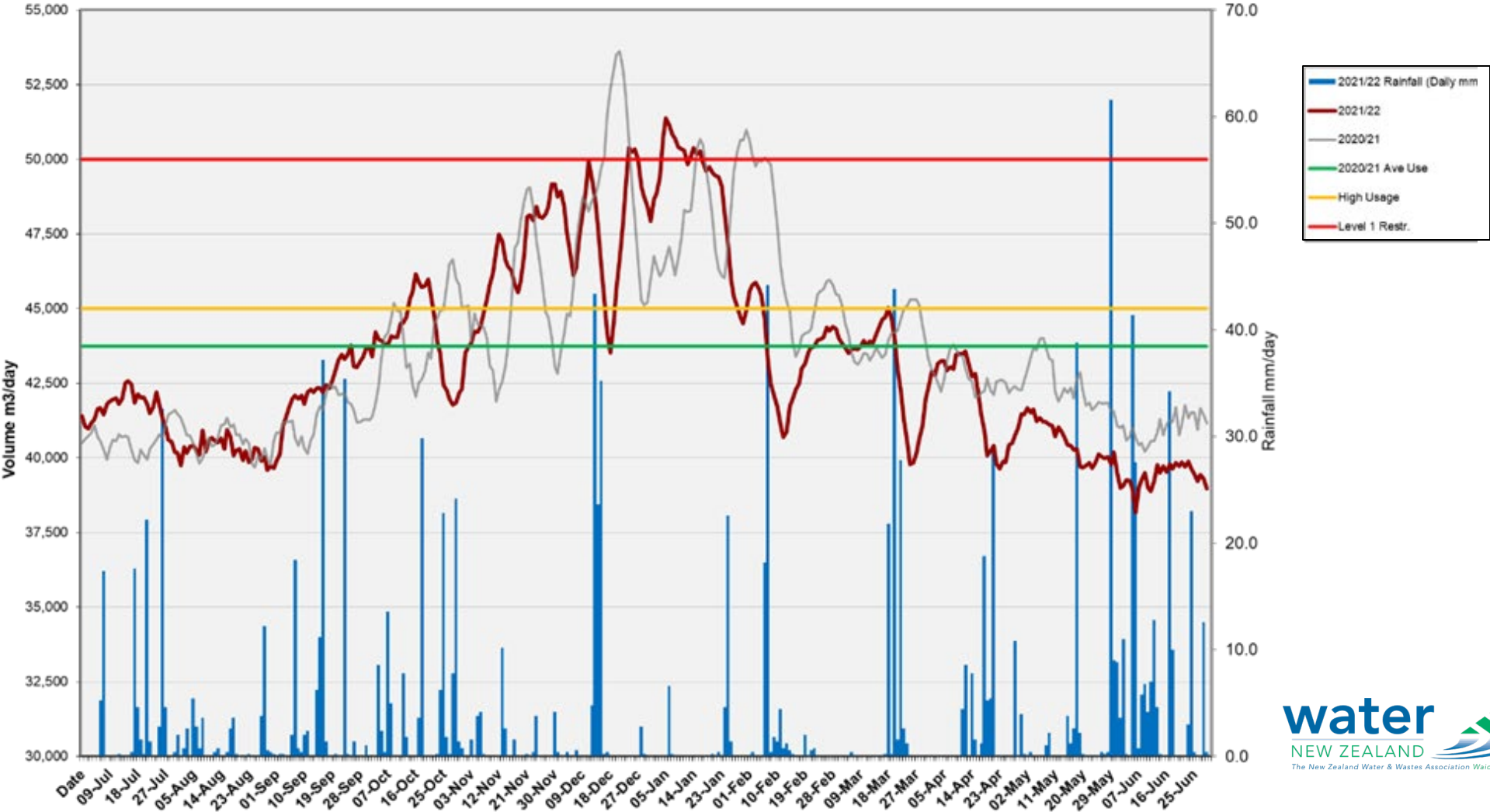
Email: *

Working with the community



Outcomes

Tauranga City Summer Peak Water Usage (7 Day Rolling Average)



Lessons learnt



Get the message out early



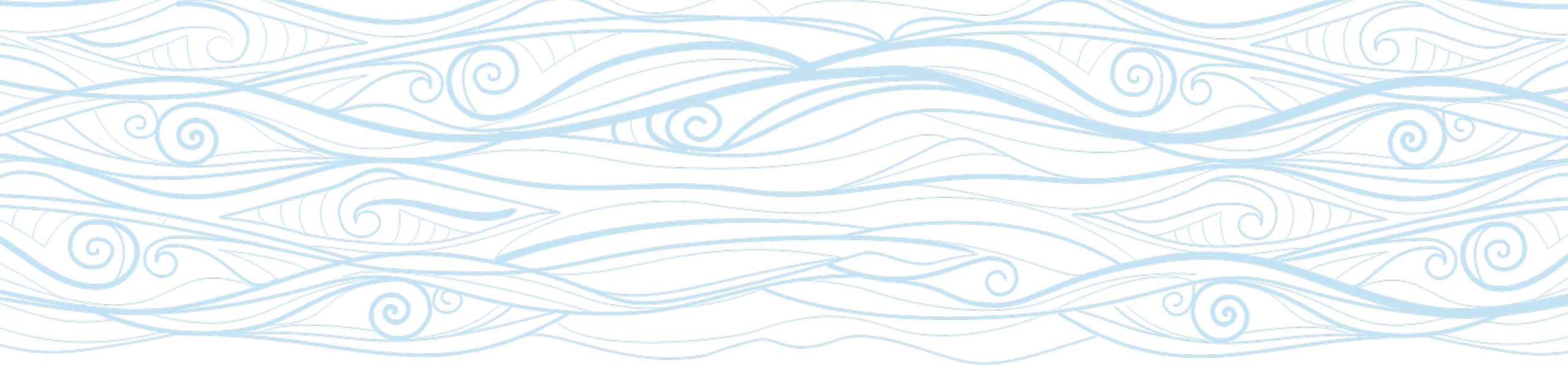
Be clear setting limits



The community want to see action



Behavior change will happen



The 22/23 summer and beyond





Reflections from the 22/23 summer

Where are we at, and plans for the future



Water Watchers continues



Managing leakage



Demand management initiatives



Community advisory group?

Key takeaways

- Don't reinvent the wheel
- Educate for change, without alarm
- Be transparent
- Walk the talk
- Don't waste a good crisis
- “Is this a good use of drinking water”
- The power of a good team