

Network Environmental Performance Measures – Phase Two

14 November 2022



Ko wai, ko au, ko tātou

Ko te wai ahau, ko ahau te wai.
He whakaaturanga tātau nō te wai.
Ko te ora te wai ko te ora o te
tangata.
He taonga te wai me tiaki.
Ko wai tātou.
Ko wai tātou.

I am wai, wai is me.
We are reflections of our wai.
The health of te wai is the health of te
tangata.
Wai is a taonga that must be protected.
Ko wai tātou.
We are wai. Wai is us.



What we will cover today

- **Overview**
 - Bill Bayfield, Chief Executive – public consultation, who the new requirements will apply to and timeframes, why they are being introduced, Te Mana o te Wai
- **Drinking Water and Wastewater Network Environmental Performance**
 - Isobel Oldfield, Lead Policy Advisor – discussion document, network environmental performance measures, next steps
- **Te puna kōrero / Have your say**
- **Pātai / questions**
 - Opportunity to answer any further pātai / questions you might have



Overview

Public consultation

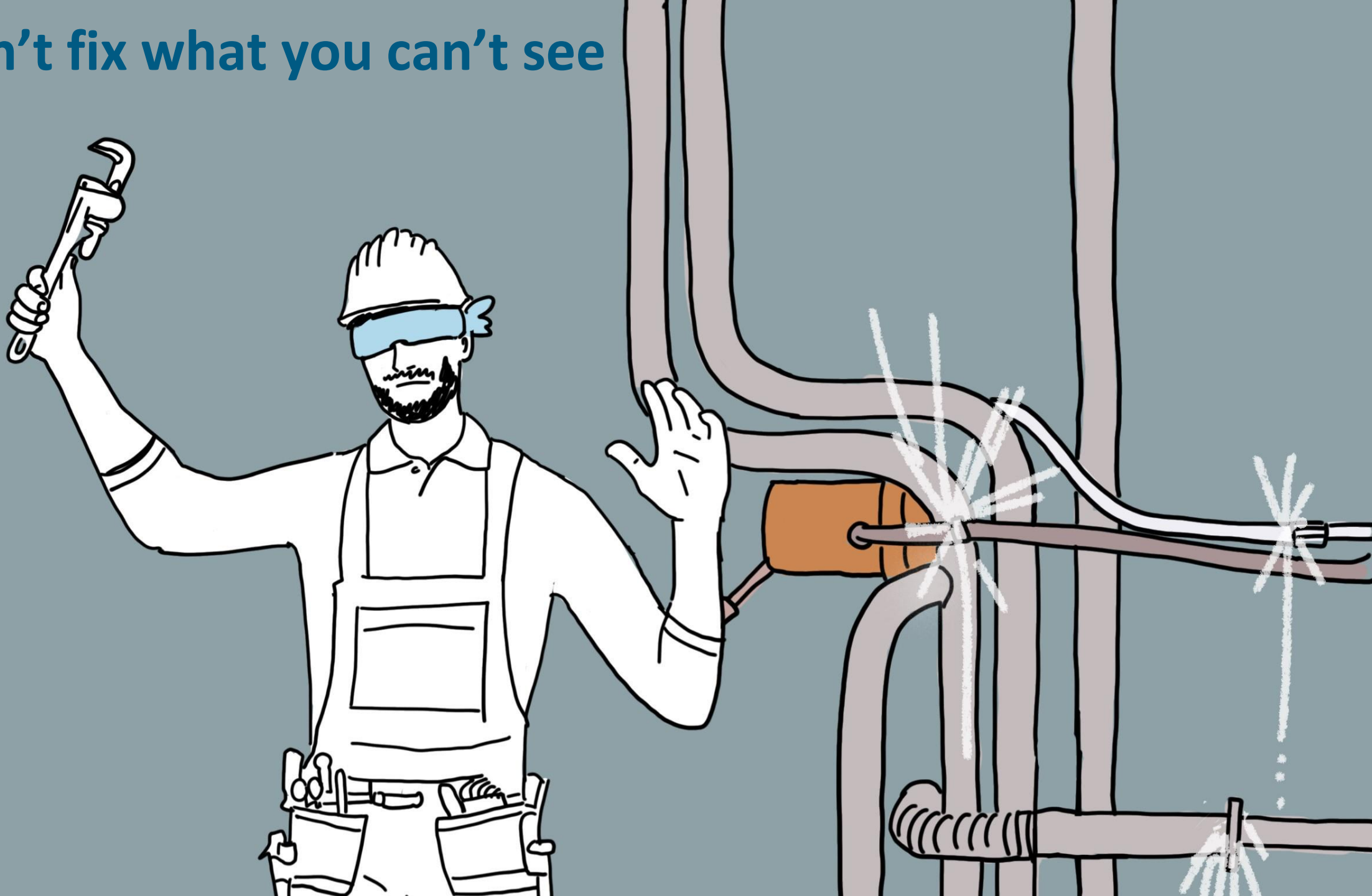
- We are currently seeking feedback on a number of documents which flesh out aspects of the regulatory framework enabled by the Water Services Act 2021.
- The Second Tranche of Drinking Water and Wastewater Network Environmental Performance Measures is one of these documents.
te-puna-korero.taumataarowai.govt.nz/regulatory/second-tranche-nepm
- Submissions on this document are open until **25 November 2022**. Once consultation is closed, we will work with network operators to refine the measures and develop guidance material. Let us know if you would like to be a part of this.



Who will they apply to and what timeframe?

- The network environmental performance measures only apply to networks and network operators. The measures therefore only apply to drinking water supplies and wastewater systems that are run by or on behalf of councils, council-controlled organisations or government departments.
- Data collection for the first group of drinking water measures started on **1 July 2022**.
- Data collection for the second group of drinking water measures and first group of wastewater measures will start from 1 July 2023.
- Further measures will be introduced from **1 July 2024** (drinking water and wastewater) and from **1 July 2025** (wastewater).
- Stormwater measures are also required under the Water Services Act 2021 however this will be introduced later.

You can't fix what you can't see

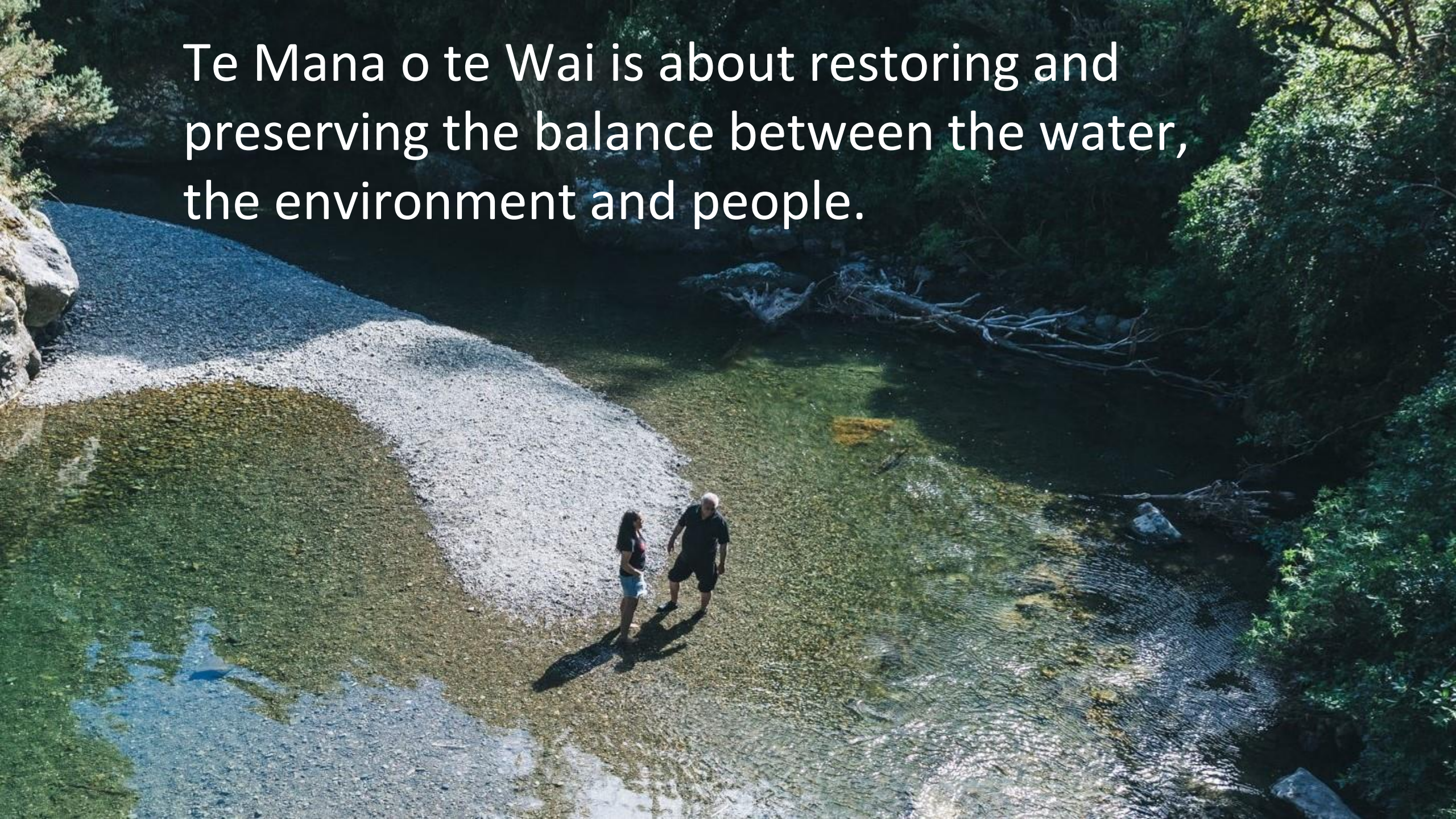


Why introduce these requirements?

- Requirements are designed to provide greater transparency on:
 - the performance of networks
 - the impacts they have on public health and the environment
 - and to contribute to the continuous improvement of the quality of water services.
- We know councils are asked for similar information from other agencies. We are working with those agencies to manage any overlaps and to make it easy as possible for you.
- We are working in close conjunction with the Three Waters National Transition Unit, MBIE and Commerce Commission to integrate with the future Economic Regulator.



Te Mana o te Wai is about restoring and preserving the balance between the water, the environment and people.



We take our lead from Te Mana o te Wai

- ▶ Te Mana o te Wai hierarchy of obligations are:
1. Prioritising the health and well-being of the water first.
 2. Second priority is the health needs of people (such as drinking water).
 3. Third priority is the ability of people and communities to provide for their social, economic and cultural wellbeing.

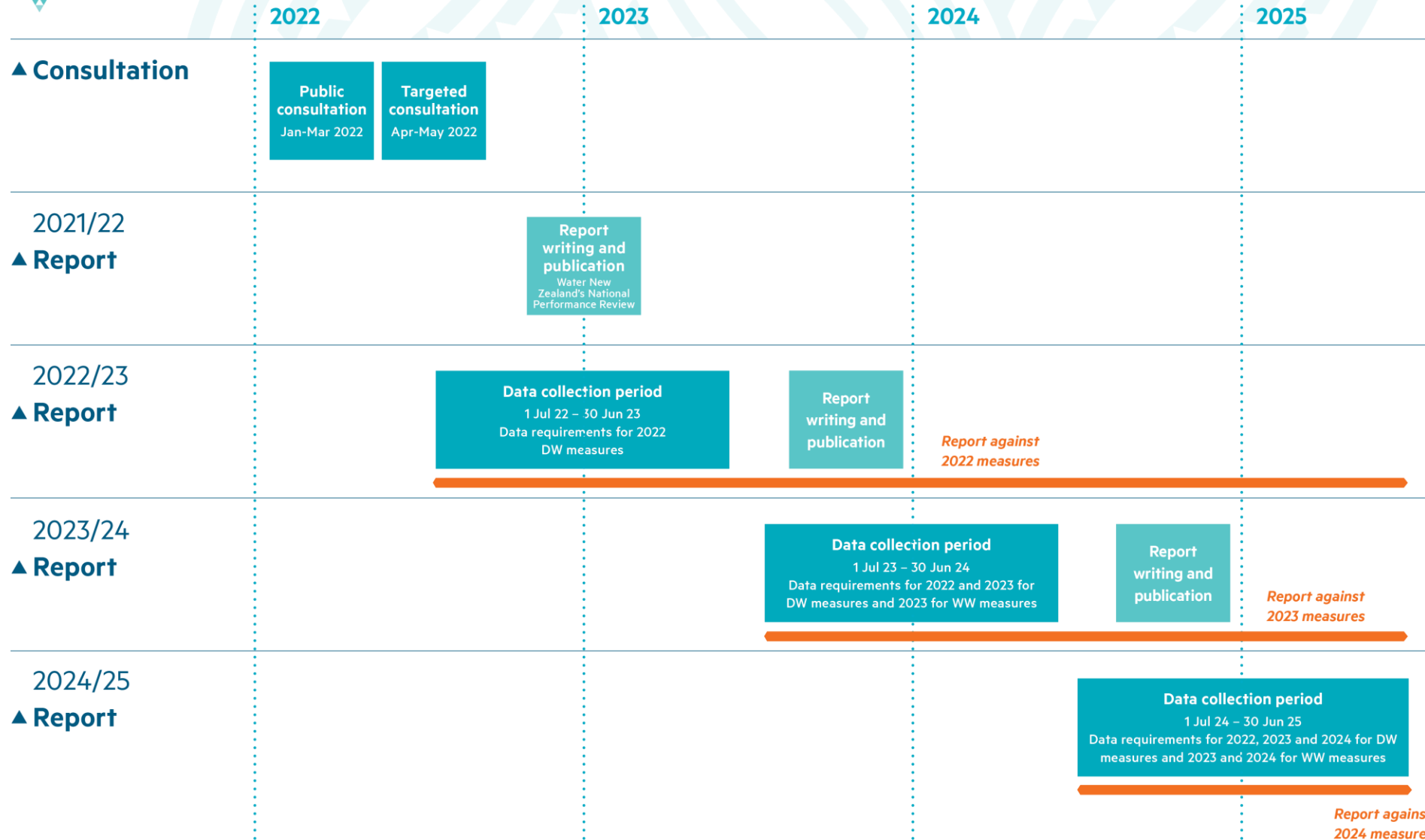


Discussion document: Second Tranche of Drinking Water and Wastewater Network Environmental Performance

Who will the new requirements apply to?

- The new requirements only apply to networks and network operators. A network operator (including a 'drinking water network operator') is defined in the Act as:
 - local authorities, council-controlled organisations, or subsidiaries of council-controlled organisations
 - government departments (for example, the Department of Conservation or the Ministry of Education)
 - the New Zealand Defence Force.
- We started with a focus on drinking water networks first, we are now adding wastewater, stormwater measures will be introduced at a later stage.
- We will be engaging separately with government departments to ensure the measures we develop reflect the scale, complexity and unique characteristics of those networks.





Report against
2024 measures

Wastewater Treatment Plant Definition

Wastewater treatment plants are facilities where centralised treatment of wastewater received occurs, in which physical, biological and/or chemical processes are employed to recover the used water for release to the receiving environment, land or water, or reuse. Typical treatment processes comprise ponds, reactor tanks or package systems to remove contaminants. Some of these facilities are additionally designed to provide resource recovery from the solids component of wastewater.



Environmental performance measures

- **Environmental and public health is protected**
 - Drinking water
 - Treatment by-products
 - Fish passage and screening
 - Resource consent compliance
 - Wastewater
 - Network connections
 - Resource consent compliance
 - Wastewater overflows
 - Inflow and infiltration
 - Trade waste



Environmental performance measures

16

- **Services are reliable**
 - Drinking water
 - Systems interruptions
 - Water pressure
- Wastewater
 - Fault attendance and resolution
 - System interruptions
 - Asset condition



Drinking water environmental performance measures

17

- **Resources are used efficiently**
 - Drinking water
 - Use of water resources (i.e., abstraction points and consented volumes)
 - Alternative water use
 - Wastewater
 - Energy efficiency
 - Process emissions
 - Biosolids



Drinking water environmental performance measures

18

- **Services are resilient**
 - Drinking water
 - Disaster response planning and preparedness
 - Water security
 - Water restrictions
 - Wastewater
 - Critical assets



Environmental performance measures

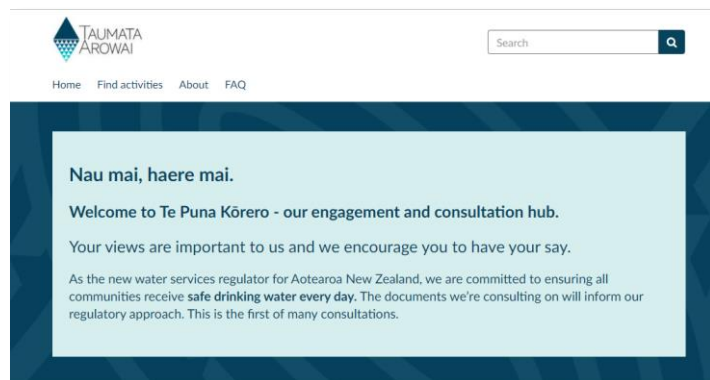
- **Services are economically sustainable**
 - Drinking water
 - Expenditure
 - Forecast expenditure
 - Revenue
- Wastewater
 - No measures introduced until 2024



Next steps

- Public consultation closes on **25 November 2022**.
- Following public consultation, we'll use targeted engagement to finetune the measures and to test technical details around data collection methods and standards.
- We are looking to develop a technical reference group to work with during the initial refinement process. If you are interested in being part of this group, please indicate so in your submission or email korero@taumataarowai.govt.nz.
- We are currently working on incorporating mātauranga Māori and Te Ao Māori perspectives into the proposed measures and welcome any feedback on this subject in submissions.
- We will be consulting on proposed Te Ao Māori measures early next year, let us know if you want to be involved in this consultation.

Have your say



Your feedback will help to inform our decisions on the content of the documents we are consulting on.

For further information or questions about our consultations please email korero@taumataarowai.govt.nz

Proposed documents for consultation

Second Tranche of Drinking Water and Wastewater Network Environmental Performance Measures

The Water Services Act 2021 includes requirements to monitor and report on the environmental performance of certain drinking water, wastewater, and stormwater suppliers and their operators. These requirements are designed to provide greater... [More](#)

Closes 25 November 2022



- For more information and to have your say visit Te Puna Kōrero (te-puna-korero.taumataarowai.govt.nz).
- For enquires, go to Te Puna Kōrero for Frequently Asked Questions or email us on korero@taumataarowai.govt.nz.
- Submissions are open from 3 October until 25 November 2022.

[Online Survey](#) >

Pātai | Questions?