



Weekly Webinar Series

**Transition Timeline, Structure,
Monitoring and Reporting**

28 October 2021

Unclassified

Welcome

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

- **Current state**
 - Update on the Water Services Act and commencement
- **Topics:**
 - Ray McMillan, Head of Regulatory – Transition timeline, public consultation
 - Jim Graham, Principal Advisor, Drinking Water – Key changes to the rules, structure of the rules
 - Peter Wood, Regulatory Team Leader, Palmerston North – Monitoring and reporting
- **Pātai / questions:**
 - Opportunity to answer any further pātai / questions you might have

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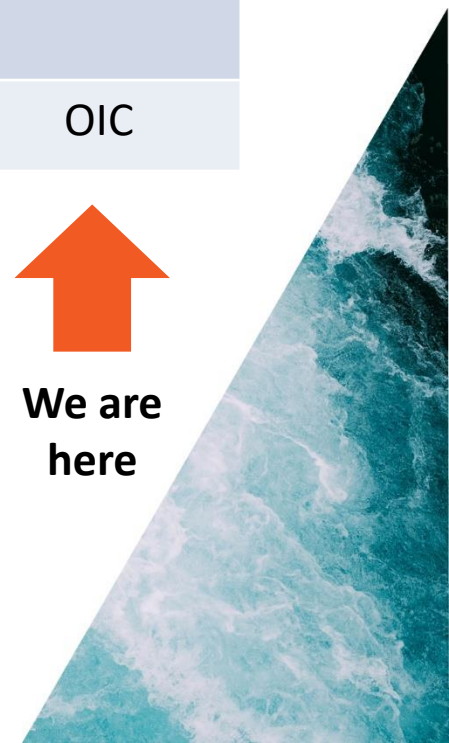
Current state

Water Services Act and commencement

1	2	3	4	5	6	7	8
Introduction	1st reading	Health Select Committee	2nd reading	Committee of the whole	3rd reading	Royal assent	Commencement
28.07.20	08.12.20	10.08.21	21.09.21	23.09.21	28.09.21	4.10.21	OIC



We are here



Water Services Act

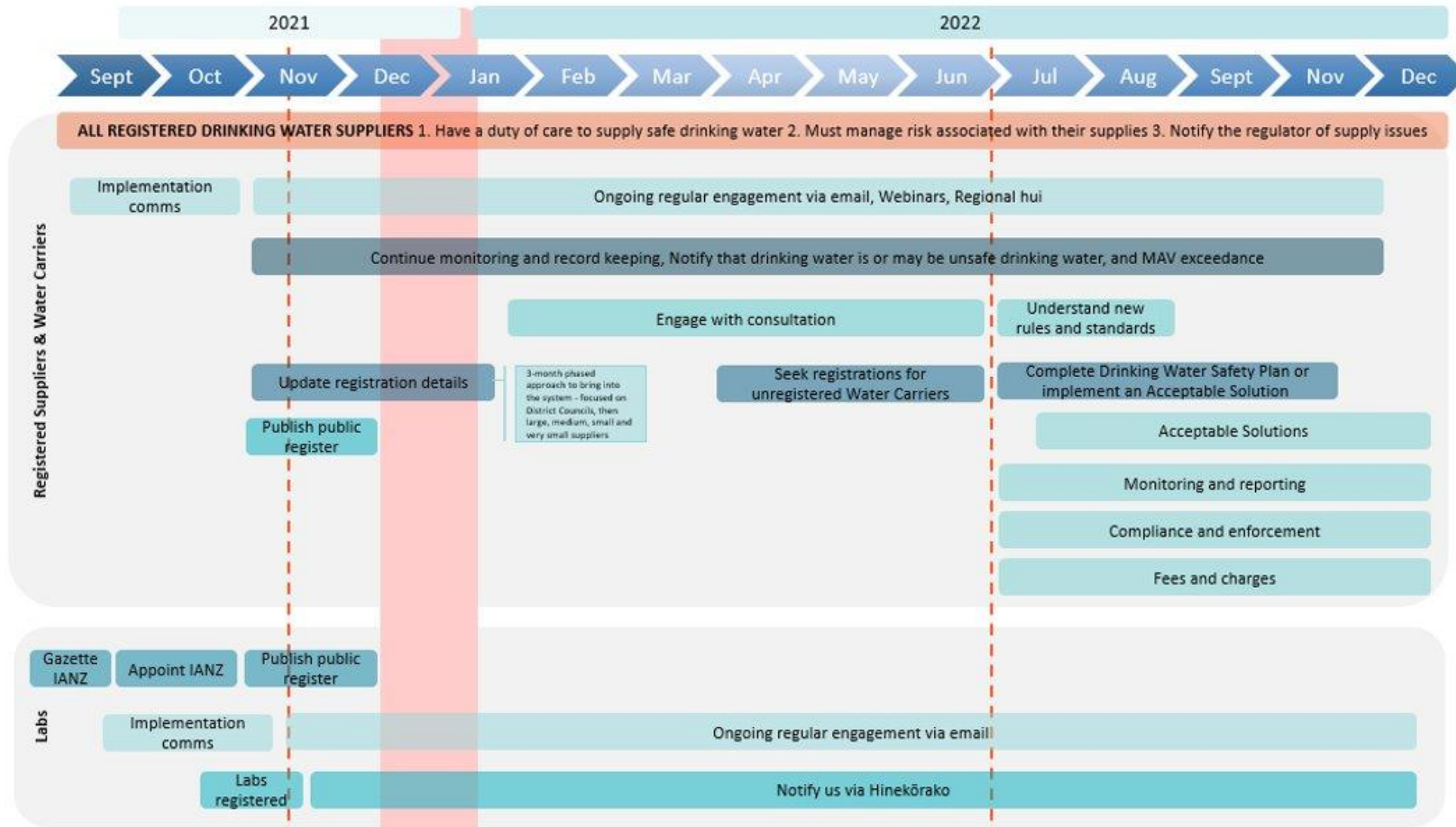
- The Ministry of Health will remain the drinking water regulator until the Water Services Act commences, likely to be 15 November 2021.
- Taumata Arowai will assume responsibility for drinking water regulation from this date once confirmed.
- Taumata Arowai wastewater and stormwater functions will not commence until the end of the first two years of its operation, to ensure we can prioritise drinking water regulation.



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Transition timeline

Roadmap of the year ahead | Registered Suppliers, Labs, Water Carriers



Roadmap of the year ahead | Unregistered Suppliers



Public consultation

- The following drafts for Acceptable Solutions and the New Rules and Standards have been updated and are available on our website (taumataarowai.govt.nz/for-water-suppliers):
 - Draft Drinking Water Acceptable Solutions for Roof Water Supplies
 - Draft Drinking Water Acceptable Solutions for Bore and Spring Water Supplies
 - Draft Drinking Water Acceptable Solutions for Rural Agriculture supplies
 - Draft Drinking Water Standards
 - Draft Aesthetic Values
 - Draft Drinking Water Quality Assurance Rules
- The Water Services Act places clear obligations on Taumata Arowai to consult on these drafts. We welcome your feedback during public consultation, which is likely to be early in 2022.
- The existing Ministry of Health rules will apply until 1 July 2022.

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Key changes to the rules, and structure of the rules

Key changes to the rules and standards

- Separation of the standards (MAVs) from the operational requirements (Rules).
- Different levels of complexity to match the complexity of supplies.
- A new format, grouping rules into modules to make it easier for suppliers to find the rules that apply to their supplies.
- New requirements for source water testing and distribution system monitoring.
- New rules for very small (<50 people) and small (50-500 people) supplies.



Key changes to the rules and standards

- Discontinued secure bore water criteria (DWSNZ). All water supplies will need some form of treatment unless an exemption is granted by Taumata Arowai.
- A new chemical compliance section for large (>500 people) supplies.
- Changes to cyanobacterial rules.
- More complex distribution system rules
- Monitoring rules / Assurance Rules



Rule type codes and complexity levels

- **Rule type codes**

- G = General rules
- S = Source water rules
- T = Treatment rules
- D = Distribution rules
- WC = Water Carrier Service Rules
- PTE = Planned Temporary Event Drinking Water Supplies Rules

- **Rules complexity levels**

- 1 = simple
- 2 = moderate
- 3 = complex



Rules modules

G		
S 1	T 1	D 1
S 2	T 2	D 2
S 3	T 3	D 3
WC	PTE	



Supply categories and rules that apply to them

1. On-demand	Rule modules that compliance is demonstrated against
a. Very Small Supplies (<50)	G + S1 + T1 + D1
b. Small Supplies (50-500)	G + S2 + T2 + D2
c. Large Supplies (>500)	G + S3 + T3 + D3
d. Varying Population Size	G + S2 + T2 + D2 ¹

¹ Additional monitoring requirements when population exceeds 500



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Monitoring and reporting

Monitoring and reporting

- When we become the regulator the current Drinking Water Standards for New Zealand 2005 (Revised 2018) remain in place until 1 July 2022.
- Monitoring should continue under current requirements and monitoring plans.
- Routine reporting will not be required under the current Drinking Water Standards.
- Water suppliers will have to notify Taumata Arowai when there is any breach of the current Drinking Water Standards.
- Future monitoring and reporting requirements in the Draft Drinking Water Quality Assurance Rules are scaled based on the population served by the supply.



Reporting timeframes

Rule modules	Reporting timeframes for determinands/parameters set out in table 5	All other determinands/parameters
S1, D1 rules	Every 6 months (end of June, end of December)	Annually for year ending June
S2, T2, D2 rules	Every 3 months (end of March, June, September, December)	Annually for year ending June
T3, D3 rules	Every month	Annually for year ending June



Reporting parameters

Rule modules that compliance is demonstrated against	Determinands/parameters that must be reported to Taumata Arowai	Relevant rules
S1 rules	E. coli, total coliforms	S1.1
D1 rules	E. coli, total coliforms	S1.1
S2 rules	E. coli, total coliforms	S2.1, S2.2, S2.3
T2 rules	FAC, turbidity, pH, UV dose	T2.1
D2 rules	E. coli, total coliforms, FAC, pH	D2.1



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Pātai | Questions?