









# Wellington Metropolitan Water Treatment Plants – January 2023

Water Treatment plants	Comments	Safe drinking water	Fluoride
Waterloo*	Taumata Arowai's new Assurance Rules commenced on the 15 <sup>th</sup> Nov. An exemption has been sought to meet new bacterial compliance criteria. This issue does not affect drinking water safety.		
Wainuiomata	Taumata Arowai's new Assurance Rules commenced on the 15 <sup>th</sup> Nov. Wainuiomata only achieved 91% compliance with the MoH's recommended fluoridation levels due to planned maintenance and plant shutdowns due to poor river quality.		
Te Marua**	Taumata Arowai's new Assurance Rules commenced on the 15 <sup>th</sup> Nov. The fluoridation reliability proving period was successfully completed and signed off on the 22/12/22.		
Gear Island	Taumata Arowai's new Assurance Rules commenced on the 15 <sup>th</sup> Nov. Commissioning of the new fluoride plant is continuing.		






## \*Waterloo:


New regulations introduced by Taumata Arowai in Nov 2022 mean the Waterloo Treatment Plant no longer complies with chlorine rules. This issue does not affect the safety of the drinking water from Waterloo and our daily testing of the water at the source, at the treatment plant, and in the network confirms that there are no bacteria in the drinking water. The plant was compliant under previous rules, and it is only recently when the rules changed, that it stopped meeting the chlorine rules.

Meeting the new rules would either require significantly increasing the current chlorine levels, which could significantly change the taste of the water, or cause skin irritation; or implementing significant network upgrades and investment. We are working with our council owners on this, and we have applied to Taumata Arowai for an exemption to the new rules.

**\*\* Te Marua:** Two households supplied by Te Marua Water Treatment Plant and connected into the bulk watermain are affected by the changes to chlorine rules, as above. This issue does not affect the safety of the drinking water.

# Supply and long-term drought resilience Jan 2023

-  Low risk of not being able to meet demand or needing water restrictions
-  Medium risk of not being able to meet demand or likely to need water restrictions
-  High risk of not being able to meet demand and high likelihood of severe restrictions

Supply risk	Comments	Risk level
Short term supply	Currently seeing all-time high demand due to increased leaks on both private properties and the public network. The Wellington region moved to Level 2 restrictions	
Long term supply (drought resilience)	We are facing increasing likelihood of severe water restrictions this year e.g. Level 4, which would mean asking people to reduce indoor use.	