

## Wellington Metropolitan Water Treatment Plants – March 2024



\*Due to changes in the assurance rules, the capability of the existing Waterloo treatment plant facilities, and the layout of the network, a significant treatment plant upgrade and/or additional network infrastructure is required to achieve compliance with the rules as written.

Water Treatment plants	Comments	Safe drinking water	Fluoride
Waterloo*	Waterloo WTP is non-compliant with the Taumata Arowai bacterial compliance rules*. This issue does not affect drinking water safety. Waterloo has fluoridated the drinking water within MoH's recommendation levels 93.8% of the time but it did not meet MoH's target of fluoridating 95% of the time. This is because the facility had to be turned off for maintenance.		
Wainuiomata	Taumata Arowai are currently reviewing the Metropolitan Water Safety Plan. Wainuiomata achieved 99.4% compliance with the MoH's recommended fluoridation levels.		
Te Mārua	Taumata Arowai are currently reviewing the Metropolitan Water Safety Plan. Te Mārua has fluoridated the drinking water within MoH's recommendation levels 83.8% of the time but it did not meet MoH's target of fluoridating 95% of the time. This is because the facility had to be turned off for maintenance.		
Gear Island	Taumata Arowai are currently reviewing the Metropolitan Water Safety Plan. Gear Island achieved 97.2% compliance with the MoH's recommended fluoridation levels.		

# Supply and long-term drought resilience - March 2024

Supply risk	Comments	Risk level
Short term supply	The storage lakes were used during the month due to low river levels in the Hutt River at the Kaitoke intake. The Wellington Region are currently at Level 2 restrictions.	
Long term supply (drought resilience)	Increased leakage and the impacts of climate change will likely lead to severe water restrictions in the years to come e.g. Level 4, which would mean asking people to reduce indoor use.	

	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