



AGENDA

Late Reports

Waiāri Kaitiaki Advisory Group Meeting

Wednesday, 30 March 2022

Date: Wednesday, 30 March 2022

Time: 9.30am

**Location: Makahae Marae
16 Te Kahika Road West
Te Puke**

Please note that this meeting will be livestreamed and the recording will be publicly available on Tauranga City Council's website: www.tauranga.govt.nz.

**Marty Grenfell
Chief Executive**

Order of Business

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9 BUSINESS

9.5 Three Waters Western Bay of Plenty

ATTACHMENTS

1. Waiari Advisory Group - WBOPDC 3 Waters - A13335965 [↓](#) 

Waiari Advisory Group
24 March 2022

3 WATERS WESTERN BAY OF PLENTY DISTRICT COUNCIL

Te Puke Wastewater Treatment Plant Upgrade

The Te Puke Wastewater Treatment Plant (WWTP) requires a significant upgrade to meet improved discharge water quality parameters required by the discharge consent and to ensure sufficient capacity for future growth. Mott MacDonald was appointed on 1 June 2021 as the design consultant for the project. Both Beca and Lutra provide peer review services. The first stage of the design is now complete and the Basis of Design Report has been finalised. The next step is to undertake the Preliminary Design. The final design is expected to be completed by November 2022. The appointment of a contractor is expected by late February 2023.

The target date for the completion of construction and commissioning of the upgraded WWTP is set by the conditions of consent as May 2025. Rangiuru Business Park's timeline currently sets their due date for wastewater servicing at August 2025.

Rangiuru Business Park (RBP)

Modelling is being undertaken to determine how water can be supplied to the park, timing of demand, water sources and reticulation network. This is being undertaken with Quayside as the developers of stage 1 and 2 of RBP.

Wastewater from the Rangiuru Business Park will be piped through to the Te Puke WWTP. This is being considered as part of the wastewater treatment plant upgrade to ensure the plant can cope with the additional flows coming from the business park.

Te Puke Muttons WTP UV

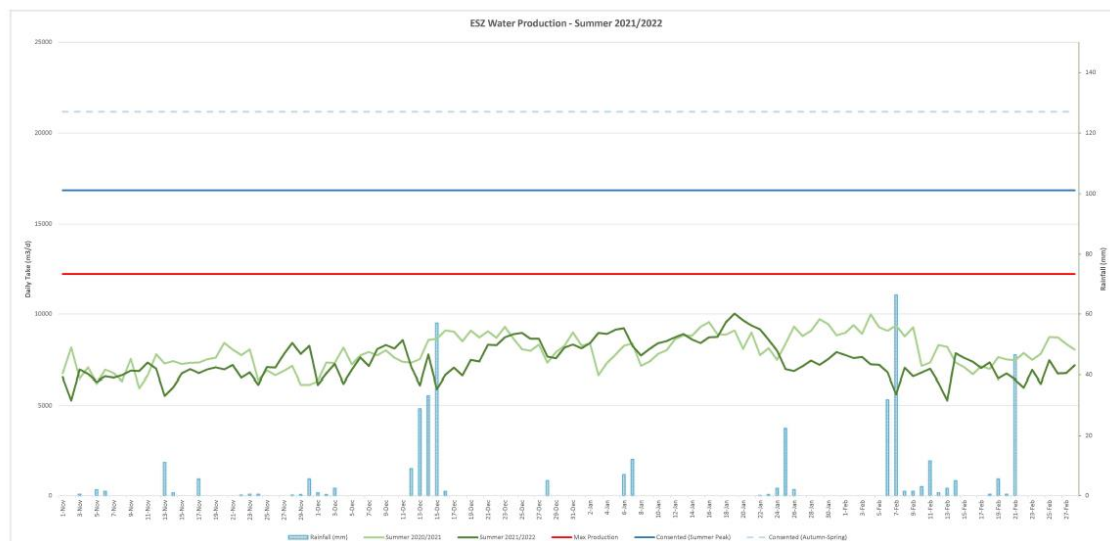
To meet new standards and to make water safer for our community, Council decided to install a UV system at the Muttons Treatment Plant. Muttons WTP provides water to our Western Supply Zone (WSZ) that predominantly feeds Te Puke and the areas around it. The UV system will kill or de-activate bacteria and viruses that cannot be treated with the current disinfection system. It will add another layer of protection in our processes to ensure we provide safe water inline with current best practice. Upgrade works are almost complete with the civil works for the container and connecting pipework due to begin shortly. It is anticipated that the new system will be commissioned during winter to be ready for the next summer season.

Water Demand Management

The demand for water in the Eastern Supply Zone (ESZ) started to rise in November, due to on set of the warmer summer conditions. We experienced the highest demands in January, when the decision was made to restrict the use of sprinklers across the district on 18 January.

The following graph clearly shows the rising daily water demand for ESZ since early November and the immediate reduction in water demand the water restriction made from the day it was introduced and continuing through to the end of February. The restriction of the use of sprinklers is still in place today. A decision will be made toward the end of March when to lift the restriction or leave it in place for an extended period.

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Marae WW infrastructure upgrade

Western Bay District Council has funding in place through Crown Infrastructure Partners (CIP) to support Marae with their wastewater systems. Funding is available to either connect Marae to Council's wastewater system or upgrade their Onsite Effluent Treatment System (OSET). We have been working with Marae over the past 18 months to assist with delivering their requirements. Outlined below is a summary of the status of the upgrades at each Marae. Council's deadline for delivery of this project is June 2022.

- Te Paamu OSET system upgrade scheduled for 2- 13 May
- Te Matai OSET system upgrade scheduled for 16 – 27 May
- Te Whetu o Te Rangi – upgrade not required. Resource Consent application for Marae currently underway.
- Tuhourangi OSET system upgrade complete
- Whakaue connection to Councils Wastewater network complete
- Makahae connection to Councils Wastewater network complete
- Ngati Moko OSET system upgrade underway (works beginning week of 21 March)
- Haraki Marae not engaging – No upgrade
- Pukehina OSET system upgrade scheduled for 18-29 April
- Manoeka – No upgrade required

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