



Waters Projects Update

Thanks to
Watercare Waikato

July 2024

Welcome to Watercare Waikato first monthly snapshot. This is a brief update of works that Watercare has been involved with in the Waikato District.

Faults and significant works in June

Whangamarino Bridge Crossing: A 15m steel "I" beam bridge crossing in Whangamarino, supporting a 100mm MDPE (*Medium Density Polyethylene*) water main, failed and required replacement. The issue was identified during a routine inspection of the bridge. The replacement was challenging because the location was 1km into private farmland. The "I" beam and the water main have been successfully replaced.



Failed beam



Replacement beam in place

Huntly Manhole Lids: Two wastewater manhole lids on Venna Fry Lane, Huntly, which often floods when the river is high, have been replaced with Hynds Maestro sealed lids. This is expected to reduce river infiltration/inflow during the winter flood season.



Raglan Wastewater Treatment Plant Upgrade

The plant upgrade continues at a steady pace. The reactor tank base was completed last month and the wall construction is progressing well. The detailed M&E (*mechanical and electrical*) plant design was submitted, returned and a few minor details have been actioned. Next on the list will be the construction of the sewer pipework, followed by forming the building and screening platform.



Raglan WWTP MBR Upgrade– The reactor tank foundation is complete and the wall installation is underway.

Helenslee Road bulk supply extension

Service investigations and utility mapping were completed in May 2024 on Helenslee Road. The entire 700m extension is scheduled to be on the ground by 31st July, with pipe-stitching, commissioning, and connections to occur in August 2024. The project coordinates the installation of 700 meters of water mains (250mm) which will allow for a valved cross-connection at the intersection of Helenslee and Munro Road, and connections to the west of Helenslee Road, enabling connectivity of Pokeno West.



Ngāruawāhia Pipeline

The Ngāruawāhia main gravity sewer installs an 800mm OD 2380m in length. Work is well underway on Great South Road and will continue through October 2024.

The Kiwi Rail under-track crossing is now completed.

With Stage 1 tie-ins being planned, once work is completed it will divert flows from Galbraith St and Ngaree St wastewater pump station into the new sewer in May 2025.



Ngāruawāhia Pipeline – Stage 1 Tie-in points in yellow, remaining works in green