



Waters Projects Update

Thanks to
Watercare Waikato

August 2024

Te Kauwhata Wastewater Treatment Plant

The Wastewater Treatment Plant continues to operate well within compliance parameters.

Improvements are still being made to the raw sewage wet well pumping, and final snag items are being completed.

The chemical dosing system is being upgraded. The sodium bicarbonate dosing for pH correction has changed to caustic soda dosing.

Additionally, a bulk storage tank and dose pumps are to be upgraded. This change mitigates the need for manual handling of bagged sodium bicarbonate, reducing the health and safety risk on site and provides more efficient delivery of liquid bulk chemicals by Ixom tankers.

The chemical delivery pipework has now been completed and is awaiting certification.



Caustic tank work in progress

Dominion Road Stormwater Extension

The team has overcome the topography challenges and has successfully commissioned the new 1.6km pipeline extension on Dominion Road.

A survey of the new infrastructure has been completed in preparation for developing the asbuilt plans and documentation.

The extension will be used to test the operation of the new pumpstation.

An audit was conducted on the handling, chlorination, and disinfection of tools, equipment materials, and fittings used during connections.



Dominio Road Extension – disinfection solution preparation and handling materials

Raglan - Cambrea Road Stormwater

Despite challenges posed by cold and wet weather, the project achieved a successful grass strike across two private properties in July.

Final reinstatement and disestablishment tasks are scheduled for completion by the end of the month.

This project effectively resolved a decade-long issue of intermittent localised flooding. As a result, the longstanding 2020 abatement notice with Waikato Regional Council has been successfully lifted.



Cambrea Road Culvert

Raglan Wastewater Treatment Plant Upgrade

Once the plant upgrade has been completed and testing is completed. The plant will return to compliance.

Work on the reactor structure is almost complete with water tests for the first cells that are currently underway.

The detailed mechanical and electrical design is complete, enabling both the site drainage installation and pipework manufacture to commence.

Additionally, the building foundation has been poured, ready for the installation of the structure which is scheduled for next month.



Raglan WWTP MBR Upgrade- The reactor tank and building foundation.