



# Waters Projects Update

Thanks to  
Watercare Waikato

**November 2024**

## **Te Kauwhata – Stormwater Rail Crossing Culvert**

In December 2023, a collapsed stormwater culvert was discovered beneath the North Island Main Trunk (KiwiRail rail corridor) in Te Kauwhata during reactive maintenance work.

The existing pipeline passes under the North Island main trunk railway line, operated by KiwiRail, necessitating coordination with KiwiRail for the proposed replacement. Watercare has prepared a Deed of Grant application to secure consent for works crossing the rail line.

The primary focus is the reactive response to the pipeline failure under the railway. However, downstream upgrades have also been considered to accommodate hydraulic analysis and the necessary upsizing of the rail crossing. Further investigation revealed that the upstream pipeline is undersized, with inconsistent pipe sizes (450mm to 300mm to 450mm) creating a hydraulically inefficient network, making it unsuitable for the proposed development to connect in its current state. The planned resolution will include replacing the undersized and obstructed stormwater network across two private residential properties, passing beneath the KiwiRail rail corridor, and the downstream network terminating at an outlet point north of the Te Kauwhata recreation area (Skate Park).



***Te Kauwhata – Network Replacement***

## **Ngaaruawaahia Pipeline**

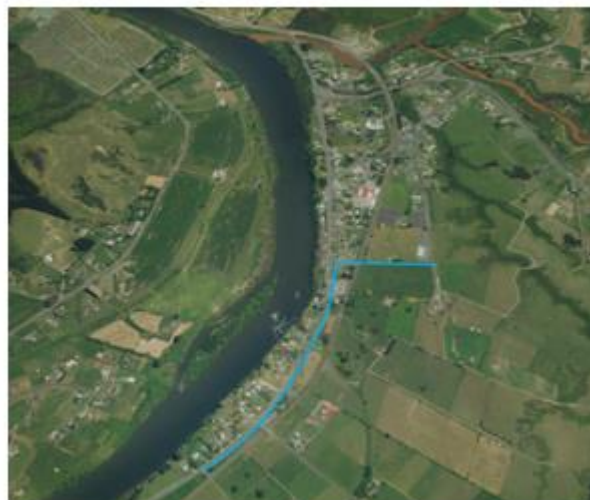
The Ngaaruawaahia main gravity sewer is now complete, with minor tie-in works to complete the project.



***Ngaaruawaahia Pipeline – Regent St, installation of the last section of the gravity sewer.***

## **Taupiri bulk supply pipeline – Stage two**

An essential easement acquired in October has facilitated the commencement of the second stage of the Taupiri water supply pipeline and booster pump station project. This stage will complete the overall upgrade, extending the new bulk water supply main along Great South Road. It will also enhance network resilience by adding a second rail crossing at Lovell Avenue, increasing pressure and flow in the existing water supply network while accommodating future growth in the eastern region. Physical work to map existing services is scheduled for November.



***Taupiri Stage 2 – indicative pipe route***

## Raglan Wastewater Treatment Plant Upgrade

The project is on track and progressing well. The reactor structure is complete with internal benching being planned. The inlet works platform is built up, and the screening equipment installation is scheduled during November. The building is complete, electrical works have commenced, and the mechanical pipework fabrication is also underway.



***Raglan WWTP MBR Upgrade - The reactor tank, inlet works platform, and new plant building.***