



BULLER
DISTRICT COUNCIL
Te Kaunihera O Kawatiri

Update  May 2023

Infrastructure Update

Waimangaroa water supply upgrade



Kia ora koutou

In this update, we're giving Waimangaroa residents an overview of the progress with the Waimangaroa water supply upgrade.

The great news is, the upgrade is nearly complete.

The upgrade project provides a variety of improvements to the Waimangaroa township that aim to improve the resilience of the supply and prevent disruptions. The project is nearing completion with remainder of the works due to be wrapped up by the end of June 2023.

Pipeline improvements

Replacement of 1,700 metres of existing PVC trunk main, from the corner of Banbury St to Neighbours St to the top of the Conn's Creek Rd stonewall, with a new polyethylene (PE) trunk main is complete. This upgrade included the installation of a new flow meter, additional valves and hydrants. This stage of work was completed by TruLine Civil.

The remaining section of pipeline (770 metres) from the Stone Wall to the two intakes is currently underway, with the project due for completion by the end of June 2023. This work is being undertaken by WestReef Services Ltd. Upon completion of this project 2,200 metres of pipeline will have been replaced.

Along with the trunk main, two sections of pipeline within the township are also being replaced. This includes the last remaining section of 1950's steel pipeline along McGill St and 197 metres of 1960's Alkathene Pipeline on Neighbours St (complete).

Construction of a 770-metre-long access track to the intakes and settling tank is complete.

Raw water upgrades

Upgrades of the intake infrastructure are currently underway. The upgrades include the following work:

- Installation of a new intake at Conn's Creek
- Installation of new pipelines from Conn's Creek and No-named Intakes including valves and settling tanks on each supply.
- Installation of 2 x 30,000 litre tanks for additional storage and settling.

With the upgrades, maintenance on each intake can be carried out without disruption to the township. This includes being able to be supply, carry out maintenance and clean the intakes.



New PVC trunk main being installed
Photo by Buller District Council

Why are we doing this work?

In the past Waimangaroa has suffered from several breakages in the old trunk main which has resulted in town-wide outages.

This has largely been due to an insufficient pressure rating on the pipeline with a high pressure in the township and the above ground nature of the PVC pipe.

The new PE pipeline is specified to meet the pressure of the supply and is better in above ground applications compared to PVC. Upon completion of the project, breakages in the supply will be rare and disruptions will be minimal.

What's next?

The remaining section of trunk main from the Stone Wall to the intakes is currently underway and is being completed by WestReef Services Ltd. This is due to be completed in June 2023.

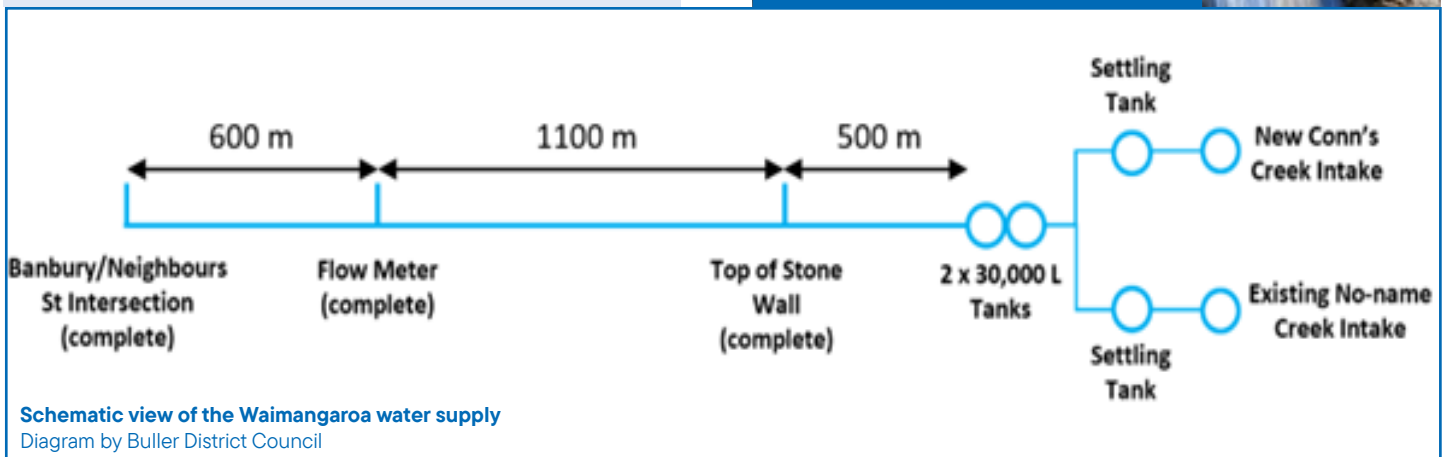
Upgrades of the intake infrastructure are currently underway. This portion of works is being undertaken by WestReef and is due to be completed in June 2023.



New PVC trunk main being installed
Photo by Buller District Council

Waimangaroa water supply works 2022-2023

- May 2022 - installation of a 500 metre new polyethylene (PE) pipeline from Neighbours Street down Conn's Creek Road.
- July 2022 - installation of a further 1,200m metres of pipeline to the top of Stone Wall on Conn's Creek Road, including a flow meter on Conn's Creek Road.
- MONTH 2022 - installation of the remaining section of trunk main from the Stone Wall to the intakes started.



FOR MORE INFORMATION

You can sign up to Buller District Council's email list and receive key information about your local water supply straight into your email inbox.

Go to bullerdc.govt.nz/do-it-online/water-supply-update-sign-up