

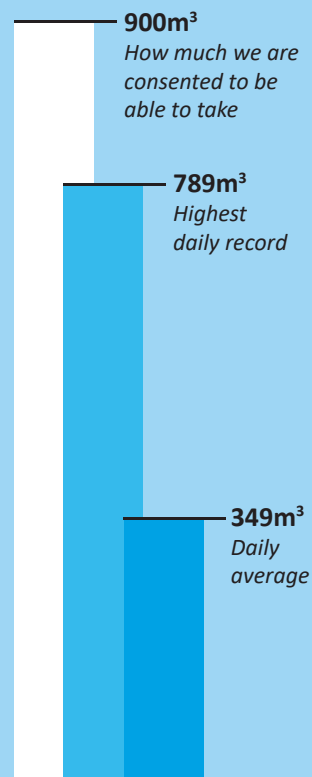
In December, we (South Taranaki District Council) are applying to the Taranaki Regional Council to renew two resource consents which expire mid-2022.

- One allows us to take groundwater for the Waverley Water Supply Scheme.
- The second allows us to discharge treated effluent from the Waverley Wastewater Treatment Plant.

1 Waverley Water Supply Scheme – Renewing Consent to take Water



The Waverley Water Supply provides Waverley (approximate population of 900 residents) with drinking water through 18km of reticulated pipes. The Scheme takes its water from three groundwater bores which are located at Fookes, Chester and Swinborne Streets.



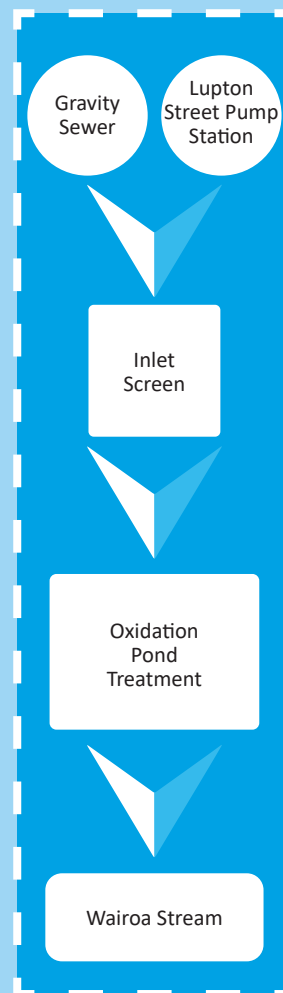
Demand

Under our existing consent, we can take up to 900m³ per day from the three bores. Over the last seven years, the average daily use has been 349m³ with the highest daily record being 789m³. This equates to around 133,000m³ being needed each year.

While we continue to work on minimising the amount of water lost in the network and encourage water conservation, the demand for water in Waverley is projected to be stable, so we are applying to renew Waverley's water abstraction consent without any changes.

2 Waverley Wastewater Discharge Consent

Treatment Process



We currently hold a resource consent to discharge treated effluent from the Waverley Wastewater Plant through an outfall to the Wairoa Stream. As part of the wastewater consent renewal process, we have been working with key stakeholders such as Ngā Rauru Iwi, the Taranaki District Health Board, Fish and Game, Department of Conservation and neighbouring landowners.

Monitoring Environmental Effects

Several surveys were carried out by aquatic research consultants EOS Ecology in 2019, to look at what effects the wastewater discharge might be having on the local environment. The surveys found, from an ecological perspective, the local environment appeared to be able to manage the wastewater discharge, as there were no significant effects on aquatic life. There was also little evidence of the wastewater causing any downstream changes in the macroinvertebrate community. Discharge from the treatment plant also met all instream limits as set and monitored by the Taranaki Regional Council.

Upgrades

After working with key stakeholders and to meet more rigorous environmental conditions, we are spending \$2.7 million in 2023 to further improve the quality of wastewater being discharged through the Waverley Wastewater Treatment Plant.

These upgrades include:

- extending the existing site by approximately 200m²
 - installing a new 5kW aerator and pond level sensor
 - building new tertiary treatment system with a membrane filtration unit (MFU) and membrane pre-screen
 - rebuilding the pond outlet to the new MFU and exiting outlet flume
- Other improvements such as riparian planting for about 500 metres on both sides of the Wairoa Stream (both upstream and downstream of the plant discharge point) and fencing to keep livestock well away will also be undertaken.

Tell Us What You Think - you can find out more detail about these consent renewals by...



Go to our website
www.southtaranaki.com



Visit Waverley LibraryPlus between 12.30pm – 2pm on Thursday 19 or Tuesday 24 August where staff will be available to talk



Call Vikki or Peter
on 0800 111 323.