

Downlands Water Supply Scheme Upgrade

Progress report – Issue 12 – 16 August 2022

BACKGROUND

Timaru District Council manages the Downlands Water Supply Scheme on behalf of the Timaru, Waimate and Mackenzie District Councils. The scheme currently supplies stock and drinking water to over 2,500 properties. The scheme dates back to the 1930s and parts of the scheme no longer comply with the Drinking Water Standards for New Zealand 2008 (Revised 2018) (DWSNZ). Parts of the asset are also close to end of life so a scheme upgrade is ongoing. In addition, on completion of the upgrade additional water will become available for allocation.

PROJECT UPDATE

The Downlands Water Supply Scheme Upgrade was approved in the 2021-2031 Long Term Plan and is now in the **construction phase**. Updates to the six contracts are:

- Contracts 2496 (Te Ana Wai Treated Water Reservoir), 2485 (Te Ana Wai Intake Upgrade), and 2431 (Te Ana Wai Raw Storage Water Reservoirs) are now completed.
- Contract 2460 – Te Ana Wai Water Treatment Plant. The plant is complete and treated water is flowing through the system. The plant has passed all commissioning protocols. An opening ceremony was held on 28 July 2022.
- Contract 2338 – Te Ana Wai Trunk-main Upgrade Stage 1 Pipeline is now completed. The Davison Road to Taiko Trunk-main replacement section 1 (funded by the Three Waters Stimulus Fund) is also complete. Section 2 of this main replacement is scheduled to commence on 18 August and will be ongoing until the end of October 2022.
- Contract 2448 - Te Ana Wai Trunk-main Upgrade Stage 2 Pipeline. The construction works commenced in January 2022 on Richardson Road, at the connection to the new Te Ana Wai water treatment plant, and have progressed East along State Highway 8 through Albury and along the old railway embankment. Pipe installation has now passed all of the identified archaeological risk areas on the project. Successful river crossings have been completed under the two branches of the Little Opawa River, the Opawa River, and Rocky Gully Stream. Progress over the last few weeks has slowed due to inclement weather.

TIMELINE OF REMAINING WORKS



\$25.62M
Total Budget
& Stimulus Funding

\$20.03M
Spent as of 30 June 2022

100% Design
90% Construction
Completed

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PROJECT TEAM

Project Sponsor: Andrew Dixon - **Project Lead:** Grant Hall - **Project Manager:** Octa



Te Ana Wai Section 2 pipeline: looking towards Rocky Gully River Crossing, going under the existing Downlands trunkmain.



Drone photo of Te Ana Wai Water Treatment Plant, Treated Water Reservoir and Raw Water Storage Ponds.