
3 Waters Project Status Update

September 2020



Queenstown Projects

Willow Place

- The new 140dia pipeline has now been installed with pressure testing scheduled for the first week of October.
- The focus next month will be on setting up the temporary pump station at willow place and preparation for the relining of the existing wastewater line.
- ORC and QLDC consents for revetment are still being processed and awaiting final affected party approvals.

SOC Borefield and Bridge

- Bridge works are continuing on site with completion anticipated early December.
- The installation of the wastewater and water pipe across the bridge has continued with only the connections to the abutments remaining. The installation of the Aurora ducts will be commenced in late October.
- Works are underway at the abutments at either end of the bridge and in ground pipework due to commence in October.
- Preparation is underway for the hearing for the NOR Application for the Shotover Country WTP and Borefield which is scheduled for the end of October.

Queenstown Projects

Rec Ground Pump Station

- Park St Rising Main 95% complete.
- Wet well for Pump Station 50% complete.
- HDD started 09 September.

Lakeview

Facebook

- Brunswick St SW works are progressing on programme. Works are focused on the installation of the new SW pipe along Brunswick Street for next month.
- Detailed design is due for completion October 2020.
- Anticipate tender for the infrastructure works will occur late 2020.

Queenstown Projects

Quail Rise Reservoir

- ASP (land purchase) signed by landowners – approval from Council meeting required on 4 June
- NoR (Notice of Requirement) has been submitted however approval is delayed due to submissions received from public
- Tank design is progressing by tank supplier
- Easement discussion ongoing
- Construction is delayed subjected to the planning issues

Shotover WWTP Upgrade

- The design contract has been awarded to Beca and design is currently in the preliminary design phase.
- Procurement for construction planned for autumn 2021 with construction likely to be 18-24 months. The new treatment reactor should be commissioned before winter 2022.

Queenstown Projects

Queenstown Stormwater Upgrades

- This is a bundle of stormwater projects in Frankton looking at upgrading the existing infrastructure at
 - Lucas Pl
 - Kawarau Pl
 - Magnolia Pl.
- Also included for synergies is a road rehabilitation of the same stretch of Lucas Pl. And there may also be the inclusion of some pedestrian upgrades including footpaths and road crossings near the Airport entrance
- The design contract has been awarded

to Stantec and design is currently in the detailed design phase.

- Procurement for construction planned for spring 2020. The target date for a GETs invite is November 17th 2020, with construction likely to take 5 months after the 2020 holiday season.

Two Mile Water Treatment Plant

- Following a review of the proposed draft 2021 Long Term Plan (LTP), QLDC has cancelled the procurement of a Contractor for the Design and Build Contract.
- The contract to write the Principal's Requirements document is on hold whilst we consider next steps for the project.

Kingston Projects

Kingston HIF Wastewater and Water Supply Scheme

- Developed design nearing completion.
- Resource consent application for land treatment area submitted. Groundwater monitoring bores being constructed.
- Wastewater collection solution for the existing Kingston Township approved to be pressure sewer network. QLDC Pressure Sewer Policy being finalised.
- Kingston Village Limited subdivision resource consent approved.
- Construction procurement methodology change from Early Contractor Involvement (ECI) to traditional Design Bid Build (DBB). Go to market for construction (build only) now 2021.

Glenorchy Projects

Glenorchy Reservoir

- Design is being finalised for the road alignment, stormwater management and retaining walls.
- ORC discharge consent has been lodged and processing underway.
- Upon completion of design, remaining consent applications will be finalised and lodged.
- Tender to go to market following consent approval.
- Tank has been ordered and is currently in fabrication with delivery on track for the end of January 2021.

Wanaka Projects

Wanaka Water Trunk Main

- Design of water trunk main for Wanaka.
 - Currently in concept/preliminary design phase for a single intake solution including pump station in Western Wanaka.
 - Design planned through to late 2020/early 2021 with construction starting in April 2021.

Beacon Point Reservoir

- ASP (Land purchase) signed with conditions
- NoR (Notice of Requirement) is imminent
- Tank design to be finalised
- Construction to commence in October 2020

Wanaka Projects

North Wanaka Conveyance Scheme

- Went to market on 25th Sep
- Easement from Parks approved at council meeting on 4 June
- Easement discussion with Mt Iron Junction and DOC ongoing
- Global consents for underground pipes from QLDC and ORC ongoing
- Construction to start in December 2020

Project Pure Wastewater Treatment Plant

- Design contract awarded
- Project to upgrade resilience (operational and maintenance) as well as capacity
- Concept design due end 2020, detailed design due mid-2021.
- To market for construction mid-2021.
- Continue to work with Queenstown Airport Corporation to obtain consent as required by the lease agreement
- Working on minor alteration to existing WWTP designation boundaries

Wanaka Projects

Hawea to Project Pure Wastewater Conveyance

- The project will provide a wastewater connection from Hawea to the Project Pure wastewater treatment plant. This will enable the decommissioning of the existing Hawea wastewater treatment plant which doesn't meet modern standards for effluent quality and whose consent expires in November 2022.
- The design contract has been awarded to Beca and design is currently in the concept design phase.
- There are significant constraints to work out with landowners and consenting, which at this stage will likely take years to resolve.
- Procurement for construction and construction is likely to be 2022.

Wanaka Stormwater Upgrades

- This is a bundle of stormwater projects in Wanaka looking at new or upgraded infrastructure at:
 - Alpha Series
 - Aubrey Rd
 - Bills Way
- The design contract has been awarded to AECOM and design is currently in the concept design phase. Due to the complexity of the design, the complexity in undertaking stormwater modelling and the focus on exploring all options, the design has been delayed by several months.
- All projects are considering naturalised stormwater treatment and attenuation on Council reserves, which will improve the quality of stormwater entering water bodies.
- Procurement for construction planned for Summer 2021 with construction likely to take 5 months.

Cardrona Projects

Cardrona Connection to WWTP

- The project will provide a wastewater pipeline and pump station with pressure main to convey sewage from the Cardrona Village to the head-works of the new Cardrona WWTP.
- Detailed design is complete. Tender for construction of the pipeline is out to market, with a closing date of 8 October 2020. Physical works targeted to start mid-November and complete by May 2021.
- Project delivery timed for the commissioning of the new Wastewater Treatment Plant scheduled for July 2021.

