

Pareora Pipeline Renewal

Progress report – Issue 11 – 10 May 2022

BACKGROUND

The existing Pareora pipeline, installed in the 1930s, is a critical pipeline that convey raw water from Pareora River intake to the Claremont water treatment plant and reservoir. This source provides approximately 60% of water consumed annually in the Timaru Water Supply.

The existing pipeline has numerous sections in poor condition resulting in leakages. Due to the pipe size, pipe material and difficulty to access the terrain, the repairs are usually more expensive and more challenging than for a standard pipe. Therefore the renewal of the pipeline will ensure continuity of the Timaru Water Supply and to minimise water loss.

OVERVIEW

Approximately 37km of pipeline will be replaced from Lindisfarne to the Claremont water treatment plant (WTP). The Pareora pipeline renewal was approved in the 2021-2031 Long Term Plan, and is now in the construction phase. The project comprises three contract work packages listed below:

Contract 2468 – Pareora Pipeline Renewal Section 1 (Lindisfarne to Pareora Gorge Road) - Completed

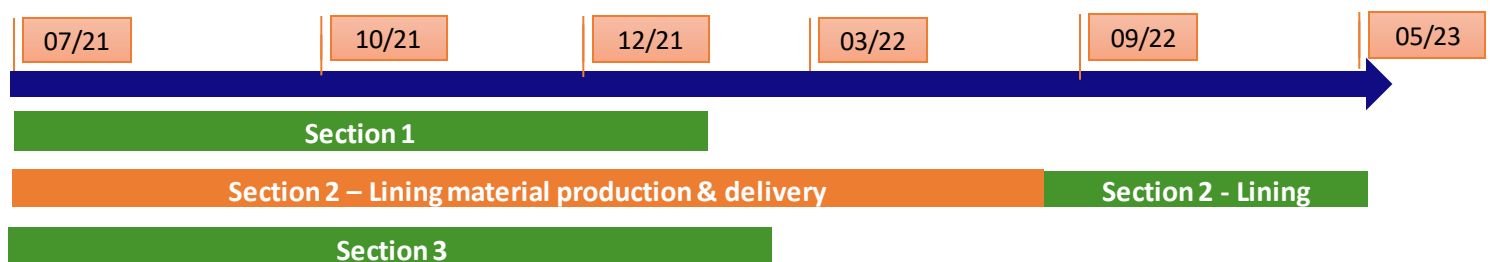
Contract 2469 – Pareora Pipeline Renewal Section 2 (Pareora Gorge Road) – Materials en-route

Contract 2470 – Pareora Pipeline Renewal Section 3 (Pareora Gorge Road to Claremont WTP) – Completed.

RECENT PROGRESS

- **Section 1** – Completed.
- **Section 2** – The liner material has left Germany and is en-route. It expected to arrive in New Zealand port in July. The physical work will take place after the liner arrives and a four-week set up period.
- The Archaeological Authority is finalised. Our resource consent application has been filed with Environment Canterbury and we are awaiting the outcome.
- **Section 3** – Pipeline was completed and made operational in an accelerated timeframe (by end of February) thanks to the efforts of the Paul Smith Earthmoving crew. This section was brought forward to help manage the manganese risk affecting the Timaru water supply.

PROJECT TIMELINE



\$14.7M

Total 2021-2031 LTP
Budget

\$11.4M

Spent 1 Jul 2021–
20 April 2022

100% Design
80% Construction
Completed

Pareora Pipeline Renewal

Progress report – Issue 11 – 10 May 2022

PROJECT TEAM

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

PROJECT FINANCIALS

The project is funded by loan, within the Urban Water Supply budget. The loan in turn will be financed by urban water supply ratepayers via the Uniform Annual Charge for urban water.

Total LTP 2021-2031 Budget - \$14.7M

2021/2022 Budget - \$11.6M

2022/2023 Budget - \$3.1M

PROJECT RISKS

CONSENTING – Some consenting applications are still ongoing.

ARCHAEOLOGY & ECOLOGY – This risk has been somewhat mitigated now that our Archaeological Authority has been finalised.

MATERIALS – The expected completion date for Pareora Section 2 could now be as late as May 2023 due to continued shipping delays of the liner.

PROJECT PHOTO



*Contract 2470 – Pareora Pipeline Renewal Section 3
(photo taken close to project completion).*