

Cossey's Tunnel, Auckland

Client

Watercare Services Ltd.

Project

Watercare Services Ltd (Watercare) is the bulk water and wastewater utility provider for the Greater Auckland area.

A 50-year-old hand excavated tunnel at Cossey's Dam, a water storage dam in the Hunua Ranges south of Auckland, was nearing the end of its economic life.

Watercare was raising the height of the dam and thus increasing the head on the tunnel. A solution designed by Tonkin & Taylor that relined the existing tunnel at a reasonable cost providing structural integrity while maintaining sufficient capacity for full volume delivery.

Services provided

- Geotechnical investigations
- Feasibility study
- Detailed design
- Tender documentation
- Tender process
- Construction support.



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