

Wai-iti Groundwater Augmentation Dam, Nelson

Client

Tasman District Council.

Project

Wai-iti Valley Community Dam is a 20 m high irrigation dam storing 800,000 m³ of water and providing drought security for irrigators downstream in the Wai-iti Valley through augmentation of the groundwater resource during times of peak groundwater usage. The dam incorporates several innovative features and has an automated irrigation release and monitoring system.

Services provided

- Options assessment and feasibility study
- Dam-break assessment
- Consultation and preparation of resource consent application
- Geotechnical Investigations
- Detailed design
- Contract documents and tendering
- Construction supervision and contract administration
- Incorporation of wetland area upstream of dam
- Ongoing surveillance overview.



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