

Waimakariri Irrigation Scheme, Canterbury

Client

Waimakariri Irrigation Company Ltd.

Project

Preliminary and detailed design and construction observation of an innovative run of river intake and settling basin for this North Canterbury scheme.

The project includes the construction of a 10.5 m³/s “skimming” intake which takes the higher level cleaner water from a shingle laden Waimakariri River. The intake is gate controlled and a sedimentation basin catches finer sediment. Subsequent enlargement of the intake was included.

Services provided

- Project scoping
- Site investigation works
- Preliminary design
- Detailed design
- Construction observation
- Operational technical services for the entire scheme including canal.



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