

Carew Ponds Irrigation Scheme

Client

Mayfield Hinds Irrigation Ltd (MHIL)
 Canterbury, New Zealand

Scheme Components

The Mayfield Hinds Irrigation Scheme irrigates 32,000ha between the Rangitata River and Hinds River in mid-Canterbury. Off-stream irrigation water storage is required to supplement irrigation supply when supply is restricted due to low flow in the Rangitata river. Damwatch contracted with Rooney Earthmoving Ltd to design and construct storage and associated works to enhance efficient operation of the Mayfield Hinds Irrigation Scheme.

The Mayfield Hinds is a “run of river” scheme; it is subject to restrictions under resource consent conditions. The storage ponds will provide storage capacity in times when supply is greater than irrigation demand and conversely when irrigation demand is greater than supply. Once completed the storage ponds will form an integral part of the Mayfield Hinds Irrigation Scheme.

The Services Provided

Damwatch designed the storage ponds, associated inlet and outlet facilities and control system to regulate inflow and outflow. Specifically Damwatch carried out the

- Specification and interpretation of geological site investigations
- Design of inlet and outlet facilities and storage ponds
- Preparation of quantities for cost estimating
- Preparation of application and supporting material for Building Consent

