

UPPER RINGAROOMA IRRIGATION SCHEME



Project Synopsis

- Design and construction of pumpstation
- HDPE Pipelaying (70km, 150 to 800mm diam)
- Telemetry between pumpstations and 41no property outlets
- Pit installation
- Tank construction
- Hydrostatic testing of pipeline
- Commissioning and testing of pumpstation

Client: Tasmanian Irrigation (VEC Civil Engineering)

Location: TAS

Year: 2015

Value: \$200K

Tasmanian Irrigation awarded the Design and Construction of the Upper Ringarooma Irrigation Scheme to VEC Civil Engineering. The project allowed irrigation water to be pumped from a river to a dam during the winter "harvesting" mode, then pumped from the dam to the irrigators/landowners during the summer months in "distribution" mode through a network of pipes.

Novel Group was engaged by VEC to hydrotest the pipeline and commission scheme and assist in final project completion

The project involved:

- Design and construction of two pumpstations
- Excavate, lay and backfill HDPE pipeline (70km long, from 150 to 800mm diam)
- Telemetry between pumpstations and property outlets
- Pit installation (AV, SCV, PRV, PSV, etc)
- Tank construction
- Hydrostatic testing of pipeline
- Commissioning and testing of pumpstation and scheme in "harvesting" and "distribution" modes