

## Benwell Drain 1 Pump Station

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Location: Koondrook ,Victoria  
Client: Goulburn Murray Water  
Contract: Complete Controls, Electrical & Instrumentation  
Installation  
Contract Value: A\$260,783.00  
Duration: January 2010 to June 2011



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The Benwell pump station is required at the downstream end of drain 1 to discharge flows greater than the capacity of the gravity outfall, and when river levels are higher than the drain level. Maximum pumping capacity of pumps is 962 l/s

Paul Cochrane Electrical scope of work covered the complete installation of all electrical and instrumentation at this site.

Paul Cochrane Electrical has an excellent ongoing relationship with Goulburn Murray Water. Commissioning plant operational SCADA system and new control system was completed without any problems.

The project involved:

- ◆ All Materials procurement.
- ◆ Installation of all cable ladders and conduits.
- ◆ All mains and sub-mains installation.
- ◆ Installation of all cabling.
- ◆ All instrumentation.
- ◆ Installation of all control cubicles.
- ◆ Installation of all MCC's and VSD's.
- ◆ All local control stations.
- ◆ All device net cabling and terminations.
- ◆ Start up and system commissioning.
- ◆ Full inspection and Test plans.
- ◆ Full Operation and Maintenance Manuals.