

Colac Pump Station

Date:

August 2016 – June 2017

Location:

Colac, Victoria

Client:

Barwon Water

Project value:

\$2.5M

Project Details:

The Colac water supply system provides water to both urban and rural customers in the district. The objective of the Colac Water Supply Upgrade project is to secure long-term water supply for Colac, in line with community expectations.

Jaydo were awarded the Barwon-Colac Transfer Pump Station component of the Project, located at the Gerangamete Groundwater Treatment Plant.

The works consisted of

- Construction of Pump Station building, including internal fit out, bridge crane and switch room alterations
- Supply & install of 3 x 250kW vertical inline pumps
- 2 x 30,000L (16,000kg) outlet surge vessels
- Installation of all suction and discharge MSCL spools and fittings, electrical works, carpark, drainage and commissioning
- Supply and install of 2 x flow meter pits & electromagnetic flowmeters
- Supply & install of switchboard concrete slabs & electrical pits

- Complete electrical fit out of the new pump stations and all other required electrical works
- Upgrade and refurbish existing WBIC electrical switch room to comply with current regulations and standards

Key Challenges:

- Management of multiple stakeholders and different contractors completing the Colac Water Supply Upgrade
- Planning around supply of free issued goods from client.
- Delays in commissioning due to works by other contractors not being completed.



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Project outcomes:

The project was well planned and executed with all major milestones met or bettered, to the satisfaction of the client.

Jaydo endeavoured to utilise skilled local trades where feasible to perform majority of the pump station works and supply the required goods. This was to help ensure that work stayed within the local area and reduced the need to extract resources from across Victoria.

Client Feedback:

The Colac Pump Station was completed 3 weeks ahead of schedule with all major milestones achieved. The client was particularly pleased with the quality of the finished project, with only 1 Non-Conforming Report (NCR) raised for the duration of the project and no Lost Time Incidents (LTI's) occurring.



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