

Bannockburn Pump Station

Date:

September 2014 – July 2015

Location:

Bannockburn, Victoria

Client:

Barwon Water

Project value:

\$2.75M

Project Details:

JAYDO was awarded the contract to construct the Bannockburn Sewer Pump Station & Rising Main No. 1 Upgrade Project for Barwon Water. The existing Bannockburn No.1 sewer pump station and pipeline, serviced the whole sewer Bannockburn Township, which consisted of approximately 1150 properties. The pump station transfers wastewater to Bannockburn Water Reclamation Plant (WRP) located in Stephens Road. The pump station and associated transfer pipeline required an upgrade and a new emergency storage installed to meet Bannockburn's growth needs and meet Barwon Water requirements. This upgrade also included a complete mechanical and electrical overhaul of the existing system.

Key Challenges:

When working on an existing system, in a live environment, with an array of other services contained nearby, it necessitates careful planning and coordination. JAYDO successfully managed these challenges. JAYDO developed a sewer bypass system in consultation with Barwon Water to manage the risk involved in working around this existing service. Work on this project took place in a confined zone near a residential area, with a portion of the excavation works taking place close to a road reserve. Our site staff introduced procedures to ensure construction was carried out safely and efficiently without risk to the public.

Project outcomes:

JAYDO employed a lift management system not seen before by Barwon Water, with this JAYDO was able to lift the 1800 dia pipe required into place without having a crane introduced onsite. Also installed onsite was a steel plate retaining wall to secure the batter and maintain integrity, near the works. The Bannockburn Sewer Pump Station & Rising Main No.1 Upgrade Project was delivered on time and to budget for Barwon Water.

Client Feedback:

Having worked closely with Barwon Water on past projects, JAYDO has formed a trusted working relationship. The project site staff, ensuring that any challenges arising on the works are dealt with in a professional and expedient manner. Barwon Water is pleased with the successful delivery of this project.



JAYDO CONSTRUCTION

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