

## Lara Sewer Rising Main

### Date:

February 2016 – June 2016

### Location:

Lara, VIC

### Project Details:

As a result of the new expansion of the current Barwon Prison Precinct, it was identified that the existing WWTP did not have sufficient capacity to treat the additional wastewater. The proposed strategy to transfer all wastewater from the prison facilities off-site for treatment and thus decommission the current WWTP was adopted. Jaydo was awarded both the Sewer Pump Station (SPS) and Sewer Rising Main (SRM) components of the Barwon Prison Precinct wastewater upgrade. The rising main was constructed from the new SPS Site to the receiving manhole in Corio, approximately 10 km away.

The main construction activities involved in the SRM were:

- Approximately 9.3km OD180 PE water main by open cut methods
- Approximately 434m OD180 PE water main by trenchless methods
- Supply and installation of multiple air valve and scour assemblies
- Connections into existing main lines

### Client:

Department of Justice (Barwon Water)

### Project value:

\$1.3mil



### JAYDO CONSTRUCTION

91 Boundary Road, Carrum Downs, VIC 3201 Australia  
T: (03) 8772 6000 F: (03) 8772 6099 E: info@jaydo.com.au

ABN 16 062 221 596

[jaydo.com.au](http://jaydo.com.au)

## Key Challenges:

With majority of pipeline along edge of existing roads and crossing multiple driveways, continuous communication was required with local stakeholders and residents to ensure minimal delays were encountered.

## Outcomes:

Despite encountering significant amounts of rock on the Pump Station component of the project, Jaydo were able to successfully lay over 9km of OD180 Rising Main within 4 weeks, averaging 500m per day. In addition to this, over 30 No. Air Valve and Scour Valve Assemblies were successfully installed in parallel with pipeline construction, ensuring the works were completed in time for the opening of the new Kareenga Prison Precinct.



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