

BALDIVIS WASTEWATER

BUILDING BELOW GROUND IN PERTH

As Perth's southern corridor continues to expand, upgrades to existing wastewater infrastructure are essential to meet the demands of a growing population. The Baldivis Wastewater Upgrade Scheme, delivered by DJ MacCormick for BMD Constructions and Water Corp, addresses this need with BOSSPIPE™ CC-GRP Jacking Pipe supplied across two pipeline sections.

HIGH-PERFORMANCE PIPE FOR A DUAL-DIAMETER ALIGNMENT

In 2023, Empire supplied 100 metres of DN1200, OD1229, SN30,000 and 56 metres of DN700, OD718, SN80,000 BOSSPIPE™ CC-GRP Jacking Pipe, two distinct specifications selected to meet the precise structural demands of each pipeline section. CC-GRP's high strength-to-weight ratio and excellent hydraulic properties made it the most cost-effective and timely solution, factors central to DJ MacCormick's decision to specify BOSSPIPE™ as their preferred pipe.

"When contractors are weighing up options on a programme-driven upgrade, BOSSPIPE™ consistently delivers on both performance and value, and that's exactly what this project called for," said Aaron Mackley, Director of Sales & Operations at Empire Infrastructure.

AN EVOLVING INFRASTRUCTURE NETWORK

The Baldivis area has been subject to ongoing infrastructure upgrades to keep pace with rapid residential growth in Perth's south. The scope encompassed the upgrade of an underground wastewater pump station, overflow storage, and two sections of wastewater pipeline. BMD Constructions engaged DJ MacCormick to deliver the trenchless pipeline sections, with the BOSSPIPE™ jacking pipe installed efficiently and in line with the project schedule.

BUILT ON VALUE AND DELIVERY

Throughout the project, Empire worked with DJ MacCormick and the broader project team to ensure pipe specifications, lead times and delivery aligned with the construction program.



PROJECT DETAILS


Location:	Baldivis, WA
Contractor:	DJ MacCormick & BMD Constructions
Client:	Water Corp
Product:	BOSSPIPE™ CC-GRP
Scope:	100m DN1200 + 56m DN700 Jacking Pipe
Stiffness:	SN30,000 & SN80,000
Installation:	Microtunnelling

The successful completion of both pipeline sections reflects the importance of a reliable supply partner on infrastructure upgrades where sequencing and cost certainty are paramount.

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