

case study: Perth Desal—Binningyup



project: Perth Desalination Plant (Binningyup)

client: Southern Seawater Joint Venture

location: Western Australia

product: Flowtite GRP Pipe and Fittings

manufacture & supply: 200m of DN1400 PN10 SN10000, 5376m of DN1200 PN10 SN10000, 650m of DN900 PN10 SN10000 in 12m lengths

value: \$5—\$10m

year of project: 2009

description: The Binningyup Desalination Plant is designed to deliver 100 GL per year providing 20% of Perth's potable water requirements. Flowtite GRP was chosen for the main seawater intake and transfer piping feeding the desalination plant. Flowtite's superior performance in regards to seawater will ensure a very long service life. Multiple pipe diameters were installed in single trenches and the REKA Rubber Ring Joints allowed for fast installation and design flexibility. Onsite assistance was provided through technical support and installation training for the installation crews.

