

case study: Wide Bay



project: Wide Bay

client: Hervey Bay City Council

location: Queensland

product: Flowtite GRP Pipe (Continuous Filament Wound)

manufacture & supply: DN600, PN25, 3/6/12mtr lengths & Fittings

value: \$1—\$5m

year of project: 2007

description: The Burrum to Burgowan pipeline consists of 11.5km of DN600 PN25 Flowtite GRP Pipe. This was the first major project by Wide Bay Water Corporation (WBWC) in GRP. As part of the evaluation process the WBWC staff visited our manufacturing facility and had discussions with contractors who had already used Flowtite GRP Pipe. The choice of Flowtite GRP was also influenced by the short supply lead time. The pipeline has a working pressure of 700kPa and was generally supplied in 12m lengths allowing fast installation and a reduction in construction costs. Installation was made even easier by the ease in which pipes could be cut to length on site. From a design point of view, the smooth bore and water hammer attenuation were of benefit as was the fact that the pipes were not affected by the low alkalinity raw water being transported.

