

case study: Newcastle Wyong



project: Newcastle Wyong Link Main

client: Wyong Council

location: New South Wales

product: Flowtite GRP Pipe (Continuous Filament Wound)

manufacture & supply: DN750, PN16, 3m & 6m lengths & Fittings

value: \$1—\$5m

year of project: 2006

description: The Gosford/Wyong-Hunter Link consists of 8.8km of DN750 PN16 Flowtite GRP Pipe. The pipeline connects the Gosford/Wyong and Hunger water catchments and allows two way flow of water depending on demand. Extensive modelling was undertaken of the transfer capabilities of the pipeline to ensure 400L/sec to Gosford/Wyong and 535L/sec to Hunter. Flowtite GRP was chosen based on a risk assessment basis. Particular regard was given to the adjacent freeway, an oil/gas pipeline, and access agreements. It was believed that cathodic protection on the oil/gas pipeline could negatively impact on the life of a new pipe if metallic. Potential corrosive ground conditions were also a key consideration in the choice of Flowtite GRP pipe.

