

case study: Alphington Sewer Project



contractor: Lend Lease

principal: Melbourne Water

location: Victoria

product: Flowtite[®] Jacking Pipe (continuous filament wound)

manufacture & supply: 63m of DN820 PN6 SN120,000. 111m of DN1335 PN6 SN32,000 in 3m lengths.

value: <\$1m

year of project: 2014

description: The Alphington Sewer Project involved the replacement of a section of the North Yarra Main Sewer to ensure the sewerage system could continue to deliver high-quality essential services to the northern suburbs of Victoria. The project involved working closely with both the Principal's (Melbourne Water) designer (GHD), and the contractor (Lend Lease). Flowtite[®] Jacking Pipe was selected because the flexible nature of the continuously wound GRP manufacturing process enabled the outside diameter of the pipe to be custom matched to: 1) maximise hydraulic performance and 2) match the contractors drilling equipment capabilities. Also unique to this project was a Grout Port solution with a one way stop valve custom designed to assist the contractor in their grouting operations.

