

Goldfields SUPERPIPE Link Bendigo to Ballarat



The \$180 million Ballarat link of the Goldfields SUPERPIPE, will stretch from Bendigo's Sandhurst Reservoir to Ballarat's White Swan Reservoir. This pipeline will effectively secure Ballarat's water supply for the next 50 years

The Product

Tyco Water has completed its supply contract to the 89.5km Ballarat link of the Goldfields SUPERPIPE. Supplying 47km of SINTAKOTE steel pipe and fittings and 42km of Ductile Iron pipe and fittings, Tyco Water called on the dedicated services of its SINTAKOTE Steel Pipeline Systems Somerton manufacturing facility, Ductile Iron Pipeline Systems Yennora manufacturing facility and Ductile Iron fittings Currumbin manufacturing facility, to supply all materials. A sustained effort from all three manufacturing facilities enabled Tyco Water to provide most of the 800mm pipe, fittings and 56 valves prior to the January 2008 supply deadline.

The Result

Tyco Water's significant achievement of meeting supply deadlines for this project is all the more astounding considering the fact that the client was working on its dynamic design, right up until December 2007.

It is expected that water will begin to flow through the pipeline as of August 2008, boosting Ballarat's water supply by 10,000 megalitres each year.

The Solution

Construction of the Ballarat link of the Goldfields SUPERPIPE began in July 2007. Since July 2007 construction has continued at a rapid pace, passing through both the Wombat State Forest and the Bendigo National Park. Pipecon Pty Ltd was employed to conduct pipelaying through the Wombat State Forest and Leed Engineering Pty Ltd was employed to conduct pipelaying through the Bendigo National Park. The 89.5km pipeline has followed the existing powerline easement through both these environmentally sensitive areas. All construction work undertaken by Pipecon and Leed was conducted in accordance with the DSE approved, Environmental Management Plan.

Along its route, the Goldfields SUPERPIPE Link will contain three pumping stations, these include:

1. Adjacent to Coliban Water's Sandhurst reservoir
2. North of the Wombat State Forest at Yandoit
3. Near the midland highway at Blampied

