

Goldfields SUPERPIPE - Bendigo to Ballarat

Boosting Ballarat's Water Supply



Project Need

Steel Mains 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, Steel Mains called on the dedicated services of its SINTAKOTE[®] Steel Pipeline Systems Somerton manufacturing facility to supply all materials steel materials. A sustained effort from Steel Mains and the other sourced DI pipe and valves manufacturers enabled Steel Mains to provide most of the 800mm pipe, fittings and 56 valves prior to the January 2008 supply deadline.

Solution

Construction of the Ballarat link of the Goldfields SUPERPIPE began in July 2007. Since July 2007 construction continued at a rapid pace, passing through both the Wombat State Forest and the Bendigo National Park. Pipecon was employed to conduct pipe laying through the Wombat State Forest and Leed Engineering was employed to conduct pipe laying through the Bendigo National Park. The 89.5km pipeline 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 contains 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

Achievements

Steel Mains' significant achievement of meeting supply deadlines for this project is a credit to the whole team considering the fact that the client was working on its dynamic design, right up until December 2007. On 19 May 2008 the Goldfields Superpipe – Ballarat Link was officially opened six weeks ahead of schedule. The Superpipe was switched on at Ballarat's White Swan Reservoir by Victorian Premier John Brumby and Water Minister Tim Holding with water beginning to flow through the pipeline as of August 2008, thereby boosting Ballarat's water supply by 10,000 mega litres each year.

Project: Goldfields Superpipe Link

Principal: Central Highlands Water

Location: Ballarat, Victoria

Completion: January 2008

Supplied: 47km of 800mm OD Sintakote[®] Steel Pipe, Fittings & Valves