

Tarago Reconnection Project

Reconnecting Vital Infrastructure



Project Need

The Tarago Reservoir is an open water supply catchment covering approximately 11,400 hectares in Neerim South, 95 kilometres east of Melbourne. Constructed in 1969, the reservoir was designed to hold 37 billion litres of water and supply regions from Kooweerup to Lang Lang, the greater Mornington Peninsula and as far as Nar Nar Goon to Longwarry. However in 1994, ongoing water quality issues forced the closure of Tarago when Melbourne's water storage levels were close to 90% of capacity. As a part of the Victorian Government's \$4.9 billion Water Plan to secure water for the future growth of the state, Tarago Reservoir and Treatment Plant was to be reopened after an extensive upgrade to make an additional 15 billion litres of water available to Melbourne per year.

Solution

Steel Mains was contracted to supply and deliver pipe and fittings for the entire project. As part of the contract, a full suite of products were manufactured and delivered to site including 1290mm, 1124mm and 960mm OD SINTAKOTE[®] pipes and fittings with a variety of specified jointing systems and lengths. Steel Mains' pipeline solutions were used as part of the raw water inlet and outlet works as well as backwash systems and overflow tank transfer applications.

Achievements

With the use of Tyco Water's pipeline solutions, Tarago's Treatment Plant was upgraded to a state of the art facility utilising several advanced water treatment processes including Dissolved Air Flotation and Filtration as well as Ultraviolet Disinfection. Steel Mains' ability to produce and maintain quality, provide technical expertise and manufacture product in line with the installer's accelerated construction program was the basis for the award of the contract. Steel Mains worked closely with the joint venture partners to source pipe from each of its Australian facilities to satisfy the fast-tracked installation program. As a result of the integrated approach, the \$97 million plant was built under budget and 6 months ahead of schedule, opening officially on the 24th of June 2009.

Project: Tarago Reconnection Project

Principal: Melbourne Water

Location: Neerim South - Victoria

Completion: 2009

Supplied: Sintakote[®] Steel Pipe 1290, 1124, 960mm OD and Sintakote Steel fittings