



Images courtesy of Water Corporation



Kwinana Project: Desalination Plant

PROJECT DETAILS

Location: Kwinana, Western Australia
Client: McConnell Dowell
Role: Sub-Contract Service Provider

Project Overview:

The Kwinana Desalination Project situated in Perth, Western Australia, was the first desalination plant built in Australia. The project involved the construction of Reverse Osmosis units, 24 dual media filters, chemical building, potabilisation area (including lime storage and chlorine buildings) associated with interconnecting pipe work.

Scope of Work:

APTS was responsible for the testing and reinstatement of all piping onsite and was involved in the development of Testpacks and planning of testing and flushing activities.

The piping tested included GRP, SMO, stainless steel, PE, PP and PVC which required testing to various standards including ASME B31.3, AS 4041 and client specifications.

APTS provided assistance to the project alliance with controlled bolting, commissioning and pre-commissioning activities. APTS also provided valuable Quality support by development of piping test packs through the use of our unique "Testpacker Database" and project tracking.

Services Provided:

Hydrostatic Pressure Testing, Pneumatic Pressure Testing, Testpack Development & Tracking, Pre-Commissioning & Commissioning activities, Flange Management, Sensitive Leak Detection and Line Blowing.

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