

Kwinana Desalination Connection

As Western Australia braced their worst two year drought on record, water supplies dwindled. The West Australian Water Corporation's answer was a desalination plant in Kwinana, located 25km from Perth. An Australian first this desalination plant would begin supplying the Integrated Water Supply Scheme as of November 2006. Capable of turning 45 gigalitres of Indian Ocean seawater into natural drinking water each year, Kwinana's desalination plant supplies 17% of all Perth's drinking water.

When establishing the \$30 million pipeline connection it was obvious the West Australian Water Corporation would select Tyco Water as a supplier, based on the company's quality pipelines and components. Tyco Water was honoured to be involved in the construction of Australia's first operational desalination plant and far exceeded supply requirements. Tyco Water provided Mild Steel Cement Lined SINTAKOTE® DN1200 & DN1400 pipes, connecting the Desalination plant to the Thomson reservoir and the Thomson reservoir to the Integrated Water Supply Scheme. Tyco Water also supplied the DN200 Ductile Iron pipe and fittings for the fire service ring main at the Desalination Plant Site.

Tyco Water has supplied the West Australian Water Corporation with the sort of reliability and support required for breakthrough projects such as the Kwinana



Desalination plant to be such a resounding success. In effect, Western Australia becomes the first state in this country to employ desalination as a major public water source, effectively ensuring the state's future water supply.