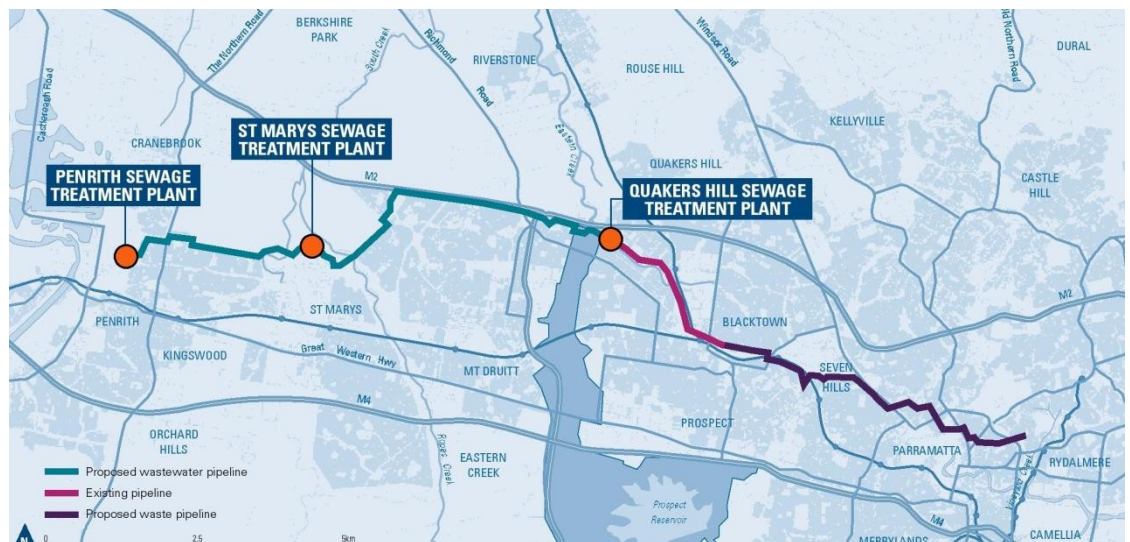


WESTERN SYDNEY REPLACEMENT FLOWS PROJECT

The \$209 million St Marys Water Recycling Project, a key element of the NSW Government's Metropolitan Water Plan, became fully operational last month with NSW Premier Kristina Keneally in attendance for the official opening of the new water recycling plant in Sydney's west.

The St Marys Water Recycling Plant will deliver up to 18 billion litres of high quality recycled water to the Hawkesbury-Nepean River system each year. The recycled flows generated by the project will replace water releases from Warragamba Dam, Sydney's main water source. The project will also reduce the volume of nutrients being discharged to the river.

Deerubbin Water Futures consortium was contracted by Sydney Water to undertake construction of the intricate water management system that will secure a portion of Sydney's future water supply. The project includes a state-of-the-art water recycling plant at St Marys and a network of major pipelines to connect existing treatment plants to the new facility and the river as well as carry waste to the existing wastewater system.



The pipelines were laid through urban and environmentally sensitive areas presenting a number of design and construction challenges identified in The Director-General's Environmental Report relating to "terrestrial flora and fauna, geology and soils, heritage, land use and tenure, visual amenity, air quality, waste management, traffic and hazardous materials."

McConnell Dowell, a member of the Deerubbin Water Futures consortium, was instrumental in engineering innovative solutions to overcome these complexities when required by the Director-General to have “a strong focus on best environmental practice... minimising impacts to the greatest extent possible” on the delicate Hawkesbury-Nepean River.

McConnell Dowell turned to its pipeline partner, Tyco Water, to supply the material needed to achieve the sophisticated design. The Australian manufacturer was selected based on their commitment to quality and the extended service life of their products, essential in safeguarding the river system which supports a \$600 million irrigated agricultural industry, a \$6.3 million fishing trade and the 10 million tourists attracted each year by its unique ecosystems.

Tyco Water supplied in excess of 7000 individual pipes in addition to more than 1000 fittings and fixtures culminating in an Australian made pipeline over 50 kilometres long, ranging in diameter from 300mm to 600mm. Tyco Water was well prepared to meet the demanding volume and specifications of the order with experience and expert knowledge in supplying pipeline systems in this country for over 100 years.

The successful completion of the St Marys Water Recycling Project is a fine example of the water industry’s ability to combine its capabilities and deliver large scale projects to the community safely, on time, under budget and meeting all quality requirements.

For more information
contact Josh Davis at
jdavis@tycowater.com.au

Tyco Water is Australia’s premier manufacturer and supplier of pipeline systems built on more than century of commitment to the country’s water industry.