



BULK WATER INFRASTRUCTURE

Total water solutions to secure tomorrow

At SunWater, making water work is what we do best. It has been that way for over 80 years.

Everyday our team draws on the experience of delivering in excess of 1.3million ML of water annually to over 5,000 customers and undertaking more than \$21.5million in upgrades and refurbishment of existing infrastructure (2009-10 year).

It's this intricate knowledge of water that has made SunWater into one of the most progressive water organisations in Australia and enables us to deliver vital bulk water infrastructure that supplies over 40% of all commercially used water in Queensland.

One of our biggest strengths is ensuring water security for today and tomorrow. Of course we can't manage the weather, but we can draw on a wealth of knowledge and strategic networks to plan for water supply needs before they become critical.

Our coverage of the market extends way past water supply, with our team working across industries like mining, energy, urban and agriculture to meet the changing landscape of water requirements. Whether it's taking on the development of a new billion dollar dam, or building a water pipeline to supply existing and new coal mines in central Queensland, SunWater provides solutions that meet the most complex of water needs.

Our solutions are structured to consider every environment, community, stakeholder and industry impact that may occur. For us, it's about finding the right balance between the growth of the industries that we support, and maintaining a sustainable water supply for the future.

About SunWater

SunWater's \$7billion asset base includes:

- 19 major dams
- 63 weirs and barrages
- 84 major pumping stations
- 2,600km of pipelines and channels
- 730km of drains

SunWater's infrastructure solutions include:

- Design and construction of bulk water storages
- Refurbishments and upgrades of bulk water storages
- Planning, design and construction of fish passage facilities
- Hydraulic modelling
- Pipeline construction and operations
- Pump station design and construction
- Water treatment

Contact us

For a custom solutions to complex water needs contact SunWater on:

Phone +61 7 3120 0000
Email business@sunwater.com.au
Web www.sunwater.com.au



MAKING WATER WORK

Projects in the pipeline

SunWater has almost \$3billion in regional bulk water infrastructure planned for delivery in the coming years. This planned infrastructure, coupled with client projects, is expanding SunWater's strategic water supply network into one of Australia's largest.

Two SunWater projects well progressed in planning and approvals, strategically dovetail with the Queensland Government's Central Queensland Water Supply Strategy.

Connors River Dam and Pipeline

The proposed Connors River Dam and Pipelines project is a significant new water resource project that aims to provide reliable water supplies to one of Queensland's fastest growing and prosperous regional economies.

The project was identified in the Central Queensland Regional Water Supply Strategy as the preferred medium to long-term water supply solution in the Bowen Basin region. The proposed dam is located near Mount Bridget, approximately 110km east of Moranbah. A large capacity pipeline (approximately 133km long) will transport the majority of the dam's yield to Moranbah, where it can be accessed by customers.

The dam has a storage capacity of 373,662 ML. It will provide up to 49,500 ML/year of high priority yield, predominantly for purchase and use by mines and associated communities, and up to 5,000 ML/year of medium priority yield available for purchase and use by downstream agricultural users. Water use strategies will comply with all aspects of the Fitzroy Basin Water Resource Plan, including environmental flow requirements and water allocation security objectives.

The project includes a range of associated infrastructure such as road upgrades, existing infrastructure relocation, sand and hard rock quarries, power supplies, temporary construction camps, pump stations, balancing storages, gauging stations and a recreation area at the dam.

Expected completion, if approvals are granted, is early 2014.

Nathan Dam and Pipeline

The proposed Nathan Dam site is located just upstream of Nathan Gorge on the Dawson River, approximately 75km downstream of Taroom and 315km upstream of the confluence of the Dawson River with the Fitzroy River. Depending on the final dam design, it is expected to have a capacity of up to 888,000 ML.

The Nathan Pipeline will run from Nathan Dam through the Surat Basin, potentially extending as far as Dalby. This represents a total length of over 260km.

While the Nathan Pipeline is primarily being constructed to transport water from Nathan Dam to customers in the Surat Coal Basin, it will also have the ability to accept treated coal seam gas (CSG) by-product water, or 'associated water', and deliver it to customers along its route.

SunWater is pursuing these outcomes with CSG producers through the overarching Surat Dawson Integrated Water Project (SDIWP). The Nathan Dam and Pipelines Project is an integral part of the SDIWP.

In addition, the proposed dam will look to supply prospective mining developments in the Bowen Basin downstream on the Dawson River and in the Blackwater area via pipeline from the Dawson River.

Expected completion, if approvals are granted, is mid 2015.



MAKING WATER WORK