

# Burdekin to Moranbah Pipeline

## Supplying Local Mines



Queensland's damaging drought was beginning to inhibit mining operations in the Moranbah region. As export coal mining boomed, the Queensland Government understood the urgency of the situation and the potential damages a reduction in water supply may have on the industry and on the local economy.



## The Solution

After much debate, a decision was made by the Queensland Government to construct a 218km pipeline from Burdekin to Moranbah. This \$270 million dollar pipeline would transfer water from Burdekin falls dam to Moranbah. Recognised by many for its difficulty, throughout construction workers battled: extreme heat, rugged terrain and isolation. SunWater called upon the services of Tyco Water to construct one of Queensland's largest pipelines, effectively ensuring continued prosperity for the local people and industry.

## The Product

Tyco Water's – Steel Pipeline Systems supplied 172km of 813 OD SINTAKOTE pipe in both Spherical Slip Joint and SINTAJOINT. The fast installation speeds associated with Tyco Water's patented SINTAJOINT enabled SunWater to drastically reduce on-site construction time. Tyco Water's – Ductile Iron Pipeline Systems stepped in to supply the remaining 46km of DN750 Ductile Iron Cement Mortar Lined pipe, along with all valves and fittings. All DI materials were supplied with the quality and commitment those within the industry have come to expect from Tyco Water.

## The Result

Tyco Water's locally based Wacol manufacturing plant supplied 5.5km's of pipe per week. This enabled SunWater to complete the pipeline a full month ahead of requirements. The support and reliability Tyco Water was able to offer SunWater throughout construction, speaks volumes of the company's commitment to those areas of Australia desperately requiring water. As the Burdekin to Moranbah pipeline would benefit the local economy, Tyco Water was motivated to exceed supply requirements and contribute to this projects success.