

# Ngcebo Bulk Water Supply Scheme brings potable water to thousands

**R**obor Pipe Systems played a monumental role in helping over 16 000 rural and subsistence-based South Africans gain access to potable water through the Ngcebo Bulk Water Supply Scheme. Contracted by bulk water supplier Umgeni Water to assist in the pumping and conveyance of water from the Tugela River to the iLembe District Municipality, Robor Pipe Systems handled both the bulk water pumping system and reticulation, providing a 150NB steel pipe for the project.

This KwaZulu-Natal initiative involved the upgrading of abstraction works on the Tugela River, water treatment works and pumping systems, concrete reservoirs, 21 km of bulk supply pipelines and take-off points. Robor Pipe Systems supplied pipe coating, lining and jointing, and was involved in cathodic protection particularly for this scheme. The company also ensured that a company representative was permanently on site to offer the contractor assistance at all times.

For this project, Robor Pipe Systems chose galvanised piping and externally coated it with TOSAwrap, the company's patented and proven external shrink wrap product that helps to protect the steel pipeline from corrosion and deterioration. The solution also offers cathodic protection.

In order to meet the requirements of Umgeni Water, TOSAwrap was respecified and is now compliant with the international standard EN 12068, which governs corrosion protection for buried pipelines and covers performance and quality assurance. This status elevates Robor Pipe Systems into a unique market space and offers customers greater value, as well as peace of mind.

Gavin Fait, General Manager – Solutions, Robor Pipe Systems, is thrilled that the company was given the opportunity to work on this project: "It's great that the South African government is starting to fulfil its promises. The market is buzzing with activity as municipalities



begin to award projects to speed up the delivery of water to the people, and Robor Pipe Systems is very proud to be a part of this drive." ■