

# The Mardi to Mangrove Link Pipeline

Pipeline on Central Coast, NSW, Australia



## Project Need

The need to secure water supplies and manage water resources more productively and sustainably, is one of the great challenges Australia faces into the future.

The Australian Government is meeting this challenge through its Water for the Future initiative. This is a comprehensive national response to managing water resources in both rural and urban areas, and has four key priorities: taking action on climate change; using water wisely; supporting healthy rivers and securing water supplies.

This project links the Wyong River and Ourimbah Creek to Mangrove Creek Dam in order to provide a stable and plentiful water supply for the Central Coast of NSW.

## Solution

In 2010, Steel Mains supplied 21.5 km of Sintakote mild steel cement lined pipe for the construction of the Mardi to Mangrove Link Pipeline. Initiated by Gosford City & Wyong Shire Councils, the project had been identified as the largest water infrastructure project on the Central Coast in 25 years.

The pipeline was expected to boost the storage level of the Mangrove Creek Dam to 70%, within the first five years of operation. This will lead to increased water availability for the Central Coast during periods of drought and reduce drought recovery time.

The increased water supply will protect the region against periods of below average rainfall. This ensures there is a steady water supply for the growing population and will help to reduce the need for strict water restrictions.

## Achievements

Steel Mains is proud to have contributed to such a significant project which will help to secure the region's water supply for the next four decades. The project is a key element in the long-term plan designed to secure the Central Coast water supply, WaterPlan 2050.

**Project:** Mardi to Mangrove Link Pipeline

**Principal:** Gosford City & Wyong Shire Councils

**Location:** Central Coast, NSW

**Completion:** 2010

**Supplied:** 21.5km of 1085mm SINTAKOTE® SINTAJOINT® MSCL pipe.