

Northern Region Water Supply Augmentation - QLD

Closing the Missing Link



Albert Shire Engineering Services Committee Chairperson, Councillor Ray Hackwood, with just some of the \$4.5 million worth of pipes stored at Steel Mains' Carole Park plant in Brisbane waiting for a start on the \$12 million northern water trunk main.

Northern Region Water Supply Augmentation

Client	Albert Shire Council
Project	Northern Region Water Supply Scheme Stage 1
Designer	Cardno & Davies, Brisbane
Construction Contractor	Masline, Fondside & Flynn Excavations
Pipelines	17,600m of 660 OD x 5mm WT SINTAKOTE MSCL Pipe 530m of 800OD x 6mm WT SINTAKOTE MSCL Pipe 430m of 960 OD x 6mm WT SINTAKOTE MSCL Pipe
Construction Period:	January - June 1995

Objectives

Steel Mains supplied a 17-kilometre pipeline which will deliver dramatically improved water supplies to cities and townships in the newly amalgamated Albert Shire and Gold Coast City. Newly elected Gold Coast City Mayor, Ray Stevens, said the multi-million-dollar project is vital to the area, 'It will be one of the driving forces behind development of the Gold Coast to Brisbane corridor which is expected to soak up the lion's share of growth in Queensland's south east corner during the next 10 years.'

Solution

Steel Mains' DN 600 SINTAKOTE® MSCL pipeline closes the 'missing link' in the water supply system in the region from Canowindra to Beenleigh. Previously, this area had a limited water supply piped from Brisbane.

The main will also boost supplies to the developing Coomera-Oxenford area. It will initially carry Hinze Dam water north, and is eventually expected to supply water south to Nerang from the proposed Glendower Dam near Beaudesert.

Achievements

A City spokesperson said the main was expected to be operational by September, 1995, in time to meet peak summer demand. It will be supplying more than 40,000 people and assist in the development of industry in the southeast of the state. Future stages will allow it to service twice that many people by the year 2005 and more than 200,000 by 2020.