



INDUSTRY CASE STUDIES

EYRE PENINSULA PIPELINE



THE PROJECT

For many years groundwater extraction has been the main form of water supply to the Eyre Peninsula.

Over recent years extraction rates have increased to a level far exceeding replenishment and this has reduced water quality and depleted supplies. As depleted water supplies began to impact the local economy, the South Australian Water Corporation decided to construct a 90 kilometres water pipeline connecting Iron Knob to Kimba, on the upper Eyre Peninsula.

The project was not without its difficulties. The pipelines route followed the Eyre Peninsula highway, simplifying site access but presenting traffic management issues.

Extremely abrasive soils also slowed the construction of the 750mm wide by 1400mm deep trench with the most grueling stretch of 300m taking an entire week to cut using excavators.

THE SOLUTION

In order to ensure construction was complete by early 2007, the South Australian Water Corporation required dedication and reliability from its pipe supplier.

Viadux supplied all 90 kilometres of TYTON DN 375mm Ductile Iron pipe. Viadux also provided contractors BJ Jarrad Pty Ltd and Leed Engineering Pty Ltd with a comprehensive training course, outlining correct installation procedures.

This Century Plus II training course, will help the Eyre Peninsula pipeline meet design life expectations.

THE RESULT

Through the TYTON Ductile Iron pipes, the Eyre Peninsula pipeline will supply the Eyre Peninsula with up to 1.4 gallons of water each day, servicing SA Water customers between Kimba and Lock.

PROJECT SUMMARY

PROJECT	Eyre Peninsula Pipeline
CLIENT	South Australian Water Corporation
LOCATION	Eyre Peninsula, South Australia
DATE	Project completed January 2007
SUPPLIED	90kms of TYTON DN375mm Ductile Iron Cement Lined Pipe

