

# NVIRP Channel Lining 2011

Construction - Greenfields Infrastructure

## Project

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## Client/EPCM

Northern Victorian Irrigation Renewal Project (NVIRP) /  
Transfield Services Australia Pty Ltd

## Value

\$4,500,000.00

## Description

NVIRP is responsible for planning, designing, and delivering Australia's largest irrigation modernisation project, upgrading irrigation infrastructure in the Goulburn Murray Irrigation District.

The project aims to recover water lost through leakage, seepage, evaporation and system inefficiencies through channel automation and remediation, metering upgrades and realigning the historical layout of the irrigation channels.

This project involved the remodelling and lining of 7km of irrigation channel with HDPE to reduce water losses in the irrigation system.

- Importation of 75,000m<sup>3</sup> clay
- Removal of 36,000m<sup>3</sup> silt
- Installation of 145,950m<sup>2</sup> HDPE
- Installation of 14km of rural fencing
- Construction of 2 metered outlets
- Rationalisation of 4 metered outlets
- Relocate 700m of farm channel including the installation of culvert crossing and bay outlets
- Installation of two 630mm diameter HDPE channel syphons

## Location

Waaia is located approximately 39km north of Shepparton, Victoria



*"...getting it right and on time"*