

# Hindmarsh Valley Dam Safety Upgrade

<b>Client</b>	SA Water
<b>Location</b>	Hindmarsh Valley
<b>Procurement</b>	Direct Negotiation from Dams Panel
<b>Engagement</b>	AS2124 Construct Only
<b>Contract Value</b>	\$2 million
<b>Duration</b>	January 2007 to September 2007

## Project Description



This Safety Upgrade comprised enhancing the spillway capacity, reinforcing embankment stability and improving resistance to piping :

- Demolition of part of the existing spillway and reconstruction of a new spillway chute and walls.
- Excavation of rock from the right abutment of the dam to provide space for a widened spillway.
- Placement of the excavated rock as a berm at the toe of the dam embankment with the associated fine filter and coarse filter/transition layers.
- Restoration of the site and particularly the land between the spillway and the property boundary to the North of the site.

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