



Country
Oman

Client
MRMEWR

Date
2005-2009

Sogreah's services

- ▶ Project Management
- ▶ Dam Design
- ▶ Structural Design of dam components
- ▶ Hydraulic & Hydrologic analysis
- ▶ Tender actions
- ▶ Supervision of construction for main dam



Description of project

The aim of the project is to protect Salalah city against cyclonic floods. 3 flood storage dams have been designed.

The main one will store 77 Mm³, and will be associated with two secondary dams across upstream tributaries, which will help for flood retardation and for recharge purposes.

Characteristics of the main dam

- Earthfill dam with plastic concrete core.
- Height: 22 m.
- Length: 6 km.
- 60,000 m² foundation cut-off wall.
- 1,730 m³/s gabion spillway.
- 130 mm dia. water intake and outlet.
- Construction period: 2007-2009.