

2009

Current projects

Rocky Creek Dam Upgrade, NSW.



Works Included

Upper Embankment

- Trenching and pouring of seepage plug.
- Construction of a 450mm wide, 3metre high reinforced concrete cut-off wall.
- Installation of Type 2 filter material on the downstream side of the cut-off wall.

Seepage Monitoring Weir

- Placement of geotextile on upstream and downstream faces to stabilise the weir.
- Placement of rock beaching.
- Steel sheet piling through the alluvial bed material and existing sandbag weir.
- Installation of a flow meter.
- Placement of concrete rock fill on the crest of the weir.
- Concrete capping of sheet piles.

Site Issues

- Embankment works on live, full reservoir.
- Remote location.
- Rare and endangered flora and fauna.
- Oversized rock in original embankment wall resulting in over excavation for concrete works.
- Steep access to monitoring weir.
- Modification to sheet piling works for monitoring weir due to rock base to existing sandbag weir
- Protection and removal of Night Tiger snakes during demolition of existing wave wall.

Client:

Rous Water Authority

Client Representative:

Wayne Franklin

Project Design:

SunWater

Client Authorised Person:

**Doug Scott
Department of Commerce**

Contract Sum: \$2.0M

