

Albany Effluent Dam

Value \$5M



Works completed as Watpac Civil & Mining
Director's involvement – Tim Malseed – Project Manager

FACTS

Client	Water Corporation	Division	Civil and Mining
Contact	Graham Tresidder	Market	Dams and Storage Basins
Contract	AS 4000-1997	Commenced	October 2007
Location	Albany, WA	Completion	June 2008

PROJECT OVERVIEW

Construction of Albany Treated Wastewater Storage Dam No. 2, and modifications to the existing Albany Treated Wastewater Storage Dam No. 1.

The team constructed an earthfill embankment dam 10m in height, having a 4m wide vehicular access road at the crest of the dam.

Clay dam construction included concrete spillway and valve pits, steel, polyethylene and PVC pipelines and road construction.

Site restoration and rehabilitation was executed to disturbed areas.

SPECIFICATIONS

- 0 140,000m³ of overburden excavation
- 0 120,000m³ of clay placement
- 0 12,000m³ of filter material placement
- 0 25,000m³ of gravel fill
- 0 450m³ of reinforced in-situ concrete
- 0 4,000m³ rock protection