

Bullarto Reservoir Upgrade, Bullarto, VIC.

Bullarto Reservoir is an earth fill embankment dam, located approximately 5 km north east of the township of Bullarto. The reservoir was built in approx 1950-1960 and has a volume of approximately 600 ML. The reservoir is the main water supply for Daylesford.

Central Highlands Water Corporation has conducted an annual condition assessment of the reservoir with AN-COLD Dam Safety Management guidelines (2003a). The assessment reveals that Bullarto Reservoir is in need of embankment and upgrade works to rectify potential embankment stability issues.

Works Include

- Bulk earthwork including importation of general fill from a local borrow.
- Installation of 2A and 2B filter layers.
- Removal of existing outlet pipe and installation of new pipe.
- Conditioning, placement and compaction of earth fill.
- Reconstruction of stabilising berm.
- Relining/sleeving of existing outlet pipe.
- Construction of new valve pit.
- Associated pipe work.

Site Issues

- Maintaining water level within reservoir to undertake construction.
- Rainfall risk.



Client:

Central Highlands Water

Client Representative:

Wes Gaylor

Project Design:

GHD
Paul Maisano

Contract Sum: \$0.74M