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Aquacast

Keeowdhoo Reservoir Project





Due to high water level increase the reservoir suffered from serious embankment erosion and land slide.

Project Objective:

To reinforce reservoir embankment and to be able to meet the increased water holding capacity of the reservoir by a substantial Margin.

The area is a sensitive nature spot used frequently for fishing, and the lakes eroded embankments were making this unsafe. Any construction work having to take this into consideration to inhibit water contamination and protect the fish habitat.

The Aquacast clean pre-cast method was chosen as it does not involve on site concrete mixing, being held by interlocking and gravity friction, protecting the embankment by stopping erosion, the added advantage being the cavities encouraging fish habitat and green growth

Using dry pre-cast Aquacast 1 meter x 400 mm x 85mm concrete W Blocks, the construction was very swift, and successfully completed in half the time of conventional concrete mix methods.

- No water pollution
- No wastage of material and labour
- Pre-cast construction not effected by weather conditions
- Substantial cost saving in both material and labour







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