



EarthTEC turns failures into success

RIVER & MARINE WORKS

REF No. E/EC- 0561T

Client: Glenorchy Council
Location: Humphrey's Rivulet, TAS
Project: Flood drainage remediation

River bank failures at Humphreys Rivulet were an ongoing problem for Glenorchy Shire, so it was no surprise that they turned to gabions for a final solution.

Unfortunately things didn't quite work, and many of the completed repair works were irreparably damaged in a subsequent flood.

Initial assessments suggested that perhaps the gabion products used had failed, so Maccaferri invited EarthTEC's engineers to inspect the works and provide a remediation proposal.

On closer inspection it became apparent that the problem was not the gabion products, but rather the design detailing and installation techniques adopted.

One section of failed work was adjacent to the local swimming pool's chlorination system and any further collapse would result in an environmental disaster.

EarthTEC's team got to work immediately and presented council with a design and construct solution.

Work on the repairs commenced immediately, and within two weeks the river bank was stabilised over a 60m section and the failure risk was averted.

The Glenorchy Council's Engineer was so impressed with the works EarthTEC was immediately directed to eight other similar sites

Proper design and expert installation ensured the success of the remediation works and council subsequently engaged the team to design and construct major flood damage remediation works at Verbeena Place and a number of other problem sites.

News travels fast - as soon as our crews had finished work for Glenorchy Council we were engaged by neighbouring Hobart Council to

provide design and construct solutions to a road embankment failure at the Cascade Brewery and other flood repair works.

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