

## POLSON BRIDGE WALL REPAIRS

The works were tendered under Land & Water's Framework contract and included remedial works to the stream banks at Polson Bridge Gauging Station, Launceston on the River Tamar. Water levels at the site can reach up to 3.0m deep so our experienced workforce was key to delivering this potentially risky project. The site could only be accessed via land under farm ownership meaning stakeholder engagement and reinstatement agreements were also a key issue.

On winning the contract Land & Water undertook the FRAP application and permitting requirements and prepared traffic management plans to access the site and ensure safe delivery of materials.

A temporary cofferdam was installed using gravel filled bags to provide a dry working area and maintained using a pump system. Downstream mitigation against debris entering the watercourse was also installed.

Left hand bank wall repairs included filling voids in the dilapidated existing bag work, and replacing with new bag work, installing a new 6.5m concrete retaining wall with stone facing (obtained from specific supplier) and bolder toe protection to prevent scour.

Downstream soft engineering and bank protection consisted of rock rolls with chestnut stakes which were then covered with seeded topsoil to provide an environment enhancing finish. To the right-hand bank Land & Water removed vegetation and made repairs to the existing gabion wall structure.

Find us on the internet at  
[www.land-water.co.uk](http://www.land-water.co.uk)  
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### Project Particulars

Client: Environment Agency (SW Hub)  
June - September 2022



**PROJECT**  
**VALUE:** £153,500