

## River Tywi

Salix were awarded a design and build contract to prevent further erosion of a section of the riverbank and reinstate a scour hole threatening a high pressure gas pipeline on the River Tywi.



The Tywi is designated a Special Area of Conservation (SAC) and SSSI and is one of Europe's finest sea trout fisheries. Due to the sensitive nature of the site within an intertidal zone, it required a solution that would look as natural as possible whilst providing permanent long-term erosion protection.

A combination of rock mattresses and brushwood fill further up the bank allowed accretion of sediment to build up quickly covering the permanent bioengineering solution effectively. Rock mattresses were placed 50% into the channel using a dive team to prevent bed scour over the gas pipe.

Below is a reference from the client:

*Gents,*

*Attached is one of the latest photos I took before demobilisation, which shows how well the rock mattresses and brushwood is accepting the silting and fill following some extremely high water over the past week.*

*I would also like to take this opportunity to congratulate your company in delivering a very good project under such difficult climatic conditions.*



*Your management support, when required, your professional and knowledgeable input, and your dedicated on-site team led by Rhodri Henry, ensured a successful outcome for the project. I enjoyed working with you immensely as part of the team ethic approach.*

*I hope we will have the opportunity to work together again.*

*Best regards,*

*Mike Wood, Project Supervisor, Wales & West Utilities.*