

River Ebbw Bioengineering Works, Risca, South Wales, UK

The project aim was to stabilise over 800 metres of steep riverbank composed of highly erodible colliery shale. Initial proposals looked at the extensive use of large blockstone to stabilise the bank but after detailed design considerations it was decided that soft bioengineering works would work in this high energy channel with flow velocities of over 4.5m/s.



Above & Below : Photos of the Bioengineering Works (March 2005)



Above : Photo of the bioengineering works 1 year after completion