

PROJECT IN FULL

The Challenge

South West Water (SWW) is investing £6.3M into a project to deliver even better drinking water to North Devon. The investment is for the installation of six new granulator activated carbon (GAC) filters at Northcombe Water Treatment Works, Near Okehampton. Granular activated carbon is a specially engineered porous material with a large internal surface area – just one teaspoon has the same surface area as a football pitch. Due to its large surface area and special chemistry it can remove natural and man-made organic matter sometimes present in Roadford reservoir, which supplies the water treatment works.



We specialise in reinforced earth and retaining wall systems and with our new Ecocrib, the client was very happy to proceed as the benefits were outstanding as opposed to any other retaining wall system.

The challenge for this project was to retain a wall supporting a newly constructed GAC building for SWW at Northcombe WTW. The Ecocrib wall has opened up the space next to the building to allow more space for the rest of the project.

The Solution

An Ecocrib mass gravity retaining wall now supports a part of the project on the SWW Site in Northcombe. Designed, supplied and installed by PC Construction. Awarded a BBA HAPAS certificate in 2012 with a design life in excess of 120 years, Ecocrib is structurally robust yet the most highly sustainable retaining solution currently available for developments that require retaining walls.



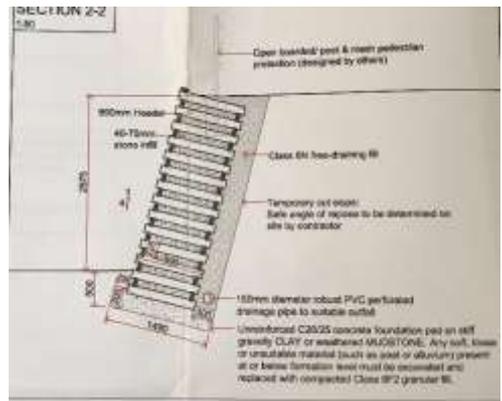
Developed from timber crib technology, the 50mm x 125mm Ecocrib profiles are considerably more durable than treated timber but possess many of the environmental benefits. Ecocrib profiles are manufactured entirely from recycled UK plastic waste with any wastage or surplus material re-processed to form new Ecocrib profiles. Ecocrib can be recycled when it reaches the end of its useful life.

148 SQM of Ecocrib was used on the scheme equivalent to 2.7 million plastic bottle tops or 11.1 tonnes of plastic waste diverted from landfill.

Ecocrib solutions have been used for all types of developments such as warehouses and private property as well as many of the biggest housing developments for the biggest house building companies in the UK and it's becoming a trend, if you need a retaining wall then the best solution is the most beneficial solution, Ecocrib!



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