

CONCRETE CLOTH™ DITCH LINING CASE STUDIES

29.09.10 Case Study : Golborne, Warrington

Network Rail contracted Murphy Group to clear and line an open drainage ditch that had been clogged by growth and was at risk of destabilising the railway embankment. Concrete Cloth (CC) was specified to line the cleared ditch to prevent further growth and to stabilise the bank. The access to the site was poor, across farmland and located within a copse on a steep bank that ran along a high speed rail line. The use of CC allowed Murphy group to line the 120m long ditch in just 1.5 days.

A key benefit of using CC, is it's ability to conform to the natural contours of a ditch, providing an aesthetic in keeping with the surrounding environment. CC will naturally 'green' over time as the textured top surface allows moss growth, whilst the fibre-reinforced concrete layer will prevent root-growing vegetation, which would otherwise restrict water flow and increase maintenance costs.

Concrete Cloth offers a low carbon alternative to poured or precast concrete ditch lining, reducing the cost, time and environmental impact of construction work.



Site located by high speed rail line



Moss growth on CC



Golbourne CC lined ditch