

Project at the confluence of Gilwiskaw Brook SSSI/SAC and River Mease

A new wetland has been built at the confluence of two watercourses in the Mease catchment to trap sediment and diffuse pollution.

The Trent Rivers Trust worked with farmers whose land borders the River Mease and the Gilwiskaw Brook, and building products manufacturer Forterra. The landowner reports that the land often flooded in the past making it difficult to farm.

The sediment trapping scheme, where the Gilwiskaw Brook joins the River Mease, has created valuable new wetland habitat. Beyond phosphate entrapment it will reduce the severity of any future flooding downstream.

The scheme is funded by the Mease 'Developer Contribution Scheme (DCS)', to mitigate for the impact on the river from development upstream.

As well as lowering the land level, a series of new channels have been created across the site. This encourages water into the floodplain and allows the sediment from the river to settle out. The site will establish with native plants to absorb the phosphates. Already the site is supporting fish and invertebrates. Over time the site will develop a range of river and wetland habitats, of value to fish, birds, plants and invertebrates.

A monitoring programme is underway to monitor the amount of phosphate captured by the scheme.

Date of completion: September 2021



@MeaseRiver



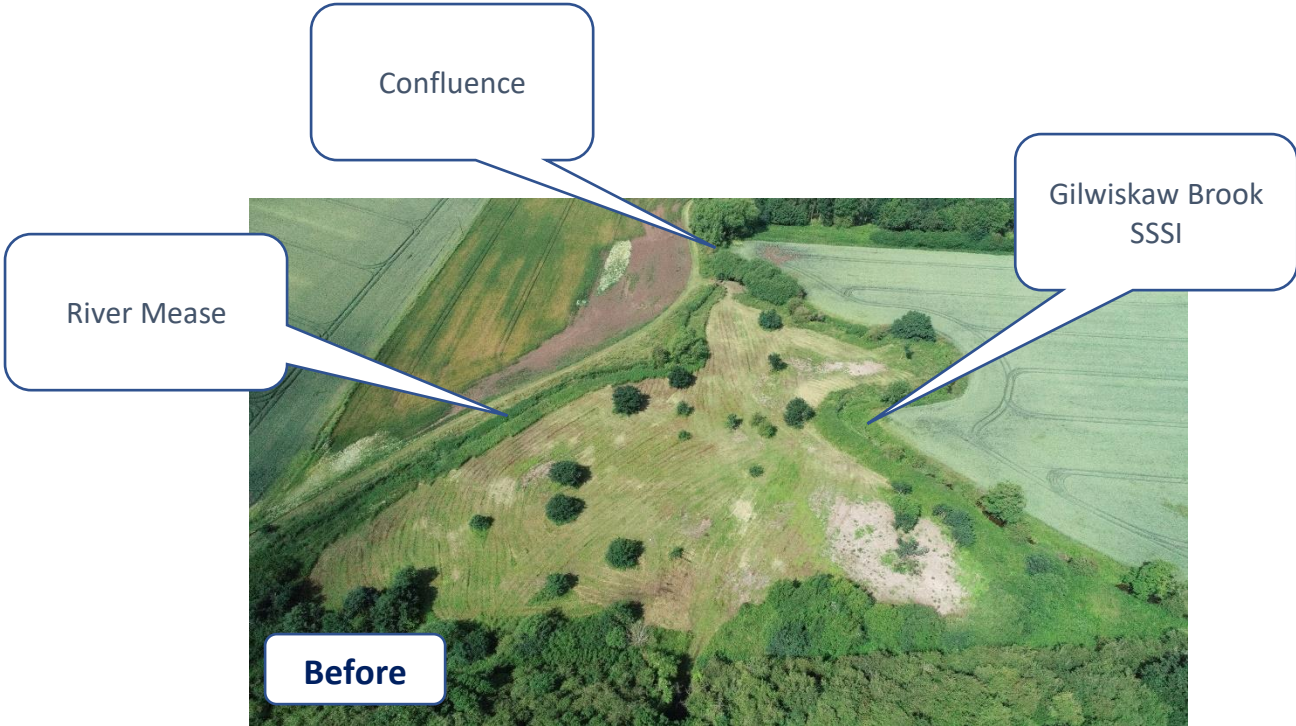
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