

QE2

Construction of this project was delivered in December 2019 on a former arable field being converted to new Woodland as an extension of the Queen Elizabeth Jubilee Woodland in Normanton le Heath by the Woodland Trust.

A series of wetland scrapes were installed at the foot of a hill to intercept run off before it reaches the brook. Surface water run off collects sediment which contains high levels of phosphorous that then gets transported by the brook to the River Mease. Intercepting the run off allows sediments and phosphates to settle out into the wetlands, as well as offering wetland habitat which will benefit local biodiversity.

In addition, we re-profiled a sharp bend and even after 2 two months we saw the brook was depositing sediment and gravels on it (Figure 1), leaky woody barriers have also been installed to slow flood flows, settle sediment and increase connectivity between the channel and the floodplain. These interventions will be planted up with wetland plants in Autumn 2020.



Figure 1. Re-profiled bend after two months



Figure 2. Wetland 2 through time: October 2019 before construction, December 2019 just after construction, and August 2020 starting to be established.