



An artisan solution to the barriers

Sydling Barrier. To raise the depth of water at each pool and create an extra bottom pool, an additional board with a slot could be added to the existing two sets of boards. This would have offset notches and would bring the water level up to a point where fish could ascend the structure over the crests.

To accommodate this we will need to add in a third set of boards downstream to allow fish to ascend the first step in the sequence. This will not cost more than £20,000. We consider this to be the most cost effective option.



Notton Hatches. We intend to reinstate the existing fish pass so that fish can ascend the river, without disturbing the hatch. For Notton, we think that a low cost solution could be an undershot pass **through** the stepped ladder. We need to ensure that the structure could support the changes and that we have the correct design for the holes cut between the pools.

It is believed that the undershot sluice option will be well suited to this location and structure; the bypass channel will easily be dried out for construction and the predicted cost is in the region of £25,000.



Photos courtesy of WRT

Result - approximately 44km of additional spawning grounds will be opened up above Notton and a further 10.6km if the Sydling Brook is opened up.

These solutions may be the most cost effective options. However it depends on the success of our fund raising.



**The Sydling Brook bypass channel following restoration work by Five Rivers
Ltd**

Notton / Crockway Fish Pass

River Frome

28th Jan 2015



