



Project: Glandford Mill

Location: Norfolk

Fish and Eel Pass

Client: The Wild Trout; Environment Agency



When it comes to fitting a fish and eel pass into a historic building that has stood for over 100 years it takes a special kind of solution. The design and build of this particular fish and eel pass pulled on the knowledge gained from all 18 years of ACE's experience in the industry.



The main issue that had to be contended with when designing the fish pass is how to construct a structure that was robust enough to last while fitting into the constraints of the site. The problem is compounded by the fact that the site is currently inhabited as a private residence. The solution came in part from ACE's experience of using HDPE for the baffles on the fish pass. This helped reduce the overall weight and cost considerably. Even with this reduction in weight the installation still weighed in at around 2 tons. The only way to make the installation physically possible was to build the entire Fish and eel pass around a modular system that could be assembled in the constraints of the site.



The project was carried out as part of the Anglian Sea Trout Project with funding from the Environment Agency. The work formed the final phase of the project at Glandford Mill, installing the fish and eel pass at the mill sluice. The first phase involved creating a new meandering river channel through the bed of a former mill pond. The completion of the project has enabled trout, sea trout and eels to access the newly-created habitat upstream of the Mill and beyond. The Wild Trout Trust are currently monitoring the effectiveness of the project by way of an integrated CCTV system (on loan from ACE). So far reports are that the fish pass has been a success.

After the completion of the fish pass the Wild Trout Trust commented on how smoothly the project had run, they commented that ACE has a "can do attitude". They also commented on how ACE were always on hand to give all the support needed to deliver the project on budget and without delay.

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