



HELL'S DITCH FISH PASS

Land & Water was contracted under the Environment Agency (South East) to install a fish passage at Hell's Ditch offtake from the River Wey, upstream of Westbrook Mill, Godalming, Surrey.

Project Delivery

- The final design was a bristle brush pass within the existing offtake weir, formation of a new channel through the full structure (consisting upstream apron, four steps and stilling basin). Steel baffle plates fixed to new crest beam to throttle flows at high water levels/ fast flows. A rock ramp was installed at the downstream end to allow aquatic passage.
- Working with Land & Water's approved designers Crouch Waterfall, all temporary and permanent works were completed by Land & Water with fabrication of steel parts being completed off site by approved suppliers HC Water Control.
- Access was at the bottom of a very steep embankment meaning a solution was required for the delivery of material and equipment
- Offtake off line bank of syphoning pipework maintained a reduced flow throughout the works - a huge positive for the client
- Change management was key to delivering this when the site conditions altered after breaking ground requiring a design change. Land & Water Services worked with their designers to produce an alternative design approach to suit the project outcomes.

Find us on the internet at
www.land-water.co.uk

Contact us on 0844 225 1958



Project Particulars

- Client: Environment Agency (South East)
- Project completed from November 2017 – May 2018



PROJECT
VALUE:

£100,000