



RIVER HOGSMILL FISH PASSAGE

Land & Water was contracted to construct a fish passage by South East Rivers Trust. This was part of a larger project to re-connect and open-up the whole Hogsmill River as a fish passage.

Before the project began, the site team was faced with many difficulties, including four large concrete barriers, shallow water depths and weirs, all contributing to the site being impassable to fish under all conditions.

Project Delivery

- The project took years of intricate planning and preparation and one of the company's most complex projects to date.
- With designs finalised by the South East Rivers Trust and the Environment Agency Fisheries' Team, Land & Water's solution was to create a combination of a rock ramp at the bottom of the site and a pool pass, through the upper section. In order to make the passage accessible for all species of fish, the most robust and appropriate solution was to construct the build using the original barrier material of concrete.
- The site team constructed a 60m reinforced concrete fish pass which was developed using Land & Water's own bespoke temporary damming and fluming system called 'Big Blue'. This highly efficient system allowed Land & Water to manage the River Hogsmill through the work site, delivering all permanent and temporary works in house in order to give the construction programme resilience against weather delays and potential management of subcontractors.
- Even with a highly experienced site team, the project did not come without difficulties. Working with concrete during a hot summer and being inundated under flood flows created some challenges.
- However, the project was successfully completed in nine weeks and forms part of a larger programme being funded by over £1.6 million of European Maritime and Fisheries Funds.

Find us on the internet at

www.land-water.co.uk

Contact us on 0844 225 1958

Project Particulars

- The site team constructed a 60m reinforced concrete fish pass
- All permanent and temporary works were delivered in-house



PROJECT
VALUE:

£110,000