



# LAND & WATER

Innovation. Inspiration. Results.

## HOGSMILL RIVER - MYSTERY & CRACKED WEIR REMOVAL

**As part of the ecological improvement of the Hogsmill River, Land & Water was engaged to remove two concrete ramp weir structures.**

The Wandle Trust looked to Land & Water to help remove the stone weirs at a section of river at Ewell and improve the habitat of the area for the benefit of wildlife.

Alongside the removal of the stone structures, Land & Water stabilised the bank and removed trees to create a lighter and self-supporting bank-side structure.

### Project Delivery

- The natural stonework of the existing hard engineered banks was segregated and reused to make up levels in the new channel. The concrete was recycled
- The banks were regraded to ensure self-support with a soft engineered revetment installed for toe protection and to define the two stage channel
- Imported gravels used to redress the new channel bed
- Removed trees and brush recycled within the bank stabilisation revetment

**The removal of these weirs, together with other successful projects in the Hogsmill River, has supported overall future ecological improvements.**



Find us on the internet at  
[www.land-water.co.uk](http://www.land-water.co.uk)

Contact us on 0844 225 1958

The Land & Water Group are award-winning inland waterway and coastal project specialists based in the UK. Throughout their 37-year history, they have become synonymous with finding creative and effective solutions to complex challenges in the specialist environment where land and water meet. Often working in difficult or unpredictable landscapes, their work is always completed with attention to the local surroundings, people and environment.



### Project Particulars

- The project was completed for the WandleTrust
- Works completed – August to September 2013
- Weir removal project



PROJECT  
VALUE:

£70,000