



LAND & WATER

Innovation. Inspiration. Results.

RIVER WANDLE WEIR REMOVAL 2016

The development of a new nature reserve to support aquatic life alongside the development of a more easily navigable waterway for small boats and pleasure craft were key deliverables behind the removal of a tidal weir in the mouth of the River Wandle on behalf of Wandsworth Council and Thames Water.

The project, in a highly built up area with a low bridge, was part of a wider scheme to improve water quality and restore lost wildlife habitats following the impact of the Thames Tideway Tunnel.

Project Delivery

- To protect river assets we strengthened and monitored the river wall – dating from 1861
- 400,000m³ of silt that had built up over 25 years was removed
- Careful testing confirmed that over 85% of the dredged material could go to non-hazardous landfill at a local site in Rainham
- Introducing the use of stop logs increased the working window from 2 to 10 hours. This was because we could maintain inundation despite tidal influence
- The nature reserve of approximately one hectare was established in the mouth of the Wandle Delta
- The wildlife habitat is designed to become a spawning area and nursery for young fish
- Community engagement was important and Land & Water ensured plenty of signs with links to social media for updates, community site visits and press involvement.

The project was also backed by The Environment Agency, the Marine Management Organisation and the Port of London Authority.



Find us on the internet at
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 Wandsworth Council and funded by Thames Water
- The works will be completed by the end of April 2017
- Half – tidal weir removal and habitat restoration
- Equipment utilised included the new mini amphibious excavator.



PROJECT
VALUE:

£1,500,000