



# LAND & WATER

Innovation. Inspiration. Results.

## RIVER THAMES SHOAL REMOVAL

Reducing the flood risk on the River Thames is all in day's work for Land & Water. However, this project on a stretch of river between Oxford and Sunbury was appraised, planned and completed in less than half the time usually allocated to projects of this scale. This resulted in Land & Water being nominated as finalists in the Flood & Coast Excellence Awards 2017.

Working with the Environment Agency, the project required the removal of shoals to help improve river conveyance. However, the work also required completion before the usual high river flows and lock closures in the autumn, resulting in a challenging deadline.

### Project Delivery

- Ten separate sites were identified for removal, across 100 miles of river
- Sites chosen ensured optimum flood risk mitigation
- 5,000m<sup>3</sup> of material was removed
- Twenty items of floating plant equipment were mobilised from both ends of the stretch of water
- 20 working operatives on the project

The project was completed on time and on budget due to a high degree of trust and collaboration between Land & Water and stakeholders. Intricate and time sensitive planning was required to work with the challenges this project presented, including working with the locks and the extremely short window of time available.

Land & Water were commended for their attention to health and safety and environmental stewardship throughout this project.



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 Environment Agency
- The works were completed in late Autumn 2016
- Shoal removal project for flood mitigation
- 20 items of floating equipment utilised: 2 knock down pontoons with excavators, 6 hoppers, 2 safety boats, 4 tugs and 2 floating welfare boats



PROJECT  
VALUE:

**£375,000**