

## Alde-Ore Future for Wildlife Orford Ness and Havergate Island

The National Trust and RSPB were jointly awarded a LIFE+ Nature grant from the European Union to further improve the management of Orford Ness and Havergate Island for birds and habitats that are priorities for conservation across Europe. Target bird species include Redshank, Avocet, Ruff and Sandwich Tern, Spoonbill, Golden Plover and Little Tern, and priority habitats are coastal lagoons, vegetated shingle and strandline plant communities.

The main aim of the project on Orford Ness was to establish a functional, efficient and sustainable system of ditches, water controls, pumps and sluices to enable long-term water management of the marshes.

The main aim of the project on Havergate Island was to design and install new sluices, designed to the optimal location, flow rates and capacity to maintain target salinities and water levels. Also, to re-profile and create new radial islands by redistributing the spoil bank and consolidating the small heavy eroded islands into larger radial islands.

These projects involved the design and construction of saline water storage reservoirs and lagoons, water control structures within the site and in coastal tidal embankments, new and refurbished sluices, scrapes, ditches, re-landscaping earthworks and embankment repairs.

The project was recently shortlisted as a finalist in the highly coveted Natura 2000 Award 2015, and was described as one of the most ambitious habitat enhancement projects ever undertaken on the Suffolk Coast.



## Water and Environmental Services Project Sheet



### Duties undertaken by Stirling Maynard included:

- Civil Engineering Design and Project Management
- Value Engineering proposals and re-design
- Preparation of NEC Contract and Specifications
- Interview and Award Construction Contractor
- Contract Administration
- Site Supervision



2015 Award Finalist

#### **Client:**

Royal Society for the Protection of Birds & The National Trust

#### **Engineers:**

Stirling Maynard

#### **Contractor:**

Lancaster Earthmoving Ltd

#### **Total Project Value:**

£900K



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