

About the Project

The Lower Waveney Water Level Management Improvements project is delivering an Outline Business Case (OBC) to develop options for 14 pumping stations on the River Waveney. The project is looking to deliver multiple objectives;

To ensure...

- water levels are maintained in accordance with the requirements of the various Water Level Management Plans (WLMP).
- the pumping stations are compliant with the requirements of The Eels (England and Wales) Regulations 2009.
- the pumping stations continue to limit pluvial flood risk to the catchment.
- the pumping stations can be relied upon to contribute towards managing the fluvial and tidal flood risk by reducing the impacts to people, property, and businesses now and in the future.
- the pumping stations can be operated and maintained safely in accordance with current industry best practice.
- the solution meets Environmental and Heritage Regulations and wherever possible seeks to optimise opportunities for enhancing environmental benefits, such as maximising potential wetland biodiversity by enhanced water level management in flood and drought conditions and managing flows to enhance water quality.



To deliver...

- a project that will be resilient and adaptable taking account of the changing climate; Allow for any potential future changes in land management such as paludiculture and wetland habitat creation.
- a project that minimises societal carbon footprint during construction, operation and maintenance; Select technology that provides the most efficient pumping arrangement minimising whole life carbon.

Where is the work happening

The business case originally considered 14 pumping stations and two culverts. Funding pressures, associated with the availability of Environmental Statutory Allowance (ESA) funding, which makes up a sizeable proportion of the partnership funding required to deliver the construction phase of the project has resulted in an alternative tactical approach being adopted. The new approach categorises the priority of each pumping station with a view to separating the business case submissions into phases. The assets have been assessed to determine the residual life and prioritise the most urgent assets. It is recognised that all the assets require replacement to meet the project objectives, however this approach assumes it is possible to prolong replacement on certain assets and sustain operations for a short period of time.



Culvert beneath Barsham Brook



Short Dam Pumping Station Inlet

The following sites have been selected for inclusion within the priority 1 business case:

- Barsham pumping station and culvert beneath Barsham Brook
- Beccles pumping station
- Burgh St Peter pumping station
- Belton pumping station
- Caldecott pumping station
- Short Dam pumping station
- Wheatacre pumping station
- Worlingham pumping station

The priority 2 sites will be delivered as part of the next 6-year programme (2029 – 2034). The outline designs will be delivered as part of this project and will effectively be shelf ready when funding becomes available. The priority 2 sites are:

- Askews pumping station
- Barnby pumping station
- Blundeston pumping station and culvert beneath The Fleet
- Gillingham pumping station
- Haddiscoe pumping station



River Waveney Barsham



Barsham Beck



Watercourse at Belton

When is the work happening

The priority 1 business case is scheduled to be completed in March 2024.

Subject to obtaining assurance and securing funding the detailed design phase is schedule to commence in 2024.

The construction works will take place between 2026 - 2028.

CONTACT US

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