

## Beach management works 2020

### Background

The Lincolnshire coastal flood plain has had a long history of flooding from the sea and many forms of defence are now in place including sand dunes, seawalls, rock/timber structures and beaches. By restoring beach sand levels lost over the year, the Environment Agency protects its hard sea defences from the impact of waves and tides. The coastline between Mablethorpe and Skegness has benefited from the present flood risk management approach since 1994.

The Environment Agency's £7m beach management scheme uses sand dredged from the seabed and pumped onto the beach to replace levels lost to the sea during the winter.

Replacing the sand reduces the risk of waves reaching and overtopping the main sea defences. This protects them from damage and erosion so they in turn can help protect 20,000 homes and businesses, 24,500 static caravans and 35,000 hectares of land from flooding.

*Dredged sand being moved into place*



*Beach reprofiling 2019*

### Coronavirus

Coronavirus is causing concern across the country for everyone, both personally and professionally.

Our key priorities are to protect the health, safety and well-being of our own staff, the public and the businesses and partners we work with; to prevent loss of life and serious harm to the environment; and to keep our critical operations running.

During coronavirus we are continuing to deliver our Flood and Coastal Risk Management projects where it is safe for our teams and delivery partners to do so. We are following the latest guidance from Public Health England regarding safe working on construction sites.

Following the government guidelines for social distancing, mobilisation and site set up started in May with dredging starting at the beginning of June. We will be making every effort to complete the works before the school holidays subject to any further delays. The programme will of course be subject to change due to uncertainties around possible further restrictions coming into force.

### What are we doing and where

Based on our survey data, this year beaches will be nourished at Ingoldmells, Trunch Lane, Wolla Bank/ Chapel Six Marshes, Boygriff, Trusthorpe and Huttoft.

As in previous years, The HAM316 dredger will transport the sand from offshore sites and pump it onto the beach at high tide through a 630m long pipeline. Our contractors will then push the sand into the right beach profile using bulldozers and excavators. By carrying out this work we will replace sand lost to erosion, reducing wave overtopping during storms and protecting sea defences from being damaged. For safety reasons, sections of beach will be cordoned off from public access during the works.

During this year's campaign, we will be carrying out investigation works on the sea wall defences and to be able to do this work safely we will have to close off sections of the seafront path for short lengths of time. We will clearly signpost closures and diversions.

### Reducing our carbon footprint

Van Oord are working together with Shell to reduce emissions from vessels. Last year a biofuel pilot took place with the HAM316 during a maintenance project in Germany.

Due to the success of this pilot and at the request of the Environment Agency to dredge in a more sustainable way, the HAM 316 is running on biofuel for this year's and future campaigns which will reduce the project CO2 emissions every year by 40%.

The HAM 316 uses a 'second generation' biofuel made from waste products such as cooking oil. The ultra-low sulphur fuel easily complies with the current ECA regulations. Using biofuel is an effective and affordable method of reducing CO2 emissions.

Van Oord has signed a Green Deal within the shipping industry with the aim of achieving a 70% reduction in CO2 emissions by 2050 compared with 2008.



HAM 316 dredger working in 2019

## Public access

We will cordon off all areas that will be under construction and would like to ask you to remain vigilant and keep away from the works. Please adhere to the social distancing measures of 2m if you are required to approach or speak to our workers.

Please sign up for free flood warnings at [www.gov.uk/flood](http://www.gov.uk/flood) to help protect your families if flooding is expected.

## Saltfleet to Gibraltar Point Strategy

The Environment Agency has been restoring sand levels on the Lincolnshire coast each year since 1994. While the work continues to be effective, long-term estimates suggest that the impacts of climate change will mean continuing to use sand alone as a method of managing flood risk will not be sustainable.

Therefore, the Environment Agency's strategy for managing coastal flood risk between Saltfleet and Gibraltar Point has been under review for a number of years.

A new strategy has been developed incorporating the results of a public consultation held last year on a number of options for managing the coast in the future. More information on the draft strategy can be found on our [Saltfleet to Gibraltar Point and Lincolnshire beach management website](http://www.environment-agency.gov.uk/saltfleet-to-gibraltar-point-and-lincolnshire-beach-management-website)

## How to find out more

We won't be hosting public events or attending the Project Information Unit until the coronavirus restrictions are lifted.

Our Public Liaison Officer will remain available to you (contact details below) and will continue to issue updates by email.

We will use our Saltfleet to Gibraltar Point Strategy Citizen Space information page to keep you up to date with progress. For more information about the Strategy and the Lincolnshire Beach Management scheme follow the link below:

<https://consult.environment-agency.gov.uk/lincolnshire-and-northamptonshire/sgp-lbm>

If you have any questions or comments about the project, please contact our Public Liaison Officer **Monica Stonham on 07534 457348**

Email: [saltfleetgps@gmail.com](mailto:saltfleetgps@gmail.com)

## Improving the image of construction

The Considerate Constructors Scheme was set up to improve the image of the construction industry. The scheme aims to encourage best practice beyond statutory requirements and show the industry to be considerate. As you may be aware from the banners around the site, our site has signed-up to the scheme. We are doing everything possible to apply the Scheme's Code of Considerate Practice:

- ensuring the professional appearance of our site,
- respecting the community
- protecting the environment
- securing everyone's safety
- caring for the workforce

**Freephone: 0800 783 1423**

## Working in partnership

The project is being carried out by Team Van Oord on behalf of the Environment Agency with support from Natural England and welcomed by Lincolnshire County Council and East Lindsey District Council.

**The Environment Agency is the leading organisation for protecting and improving the environment in England. It is responsible for making sure that air, land and water are looked after by today's society, so that tomorrow's generations inherit a cleaner, healthier world.**



customer service line  
03708 506 506

incident hotline  
0800 80 70 60

floodline  
03459 88 11 88

[www.gov.uk/environment-agency](http://www.gov.uk/environment-agency)