

Keeping you informed

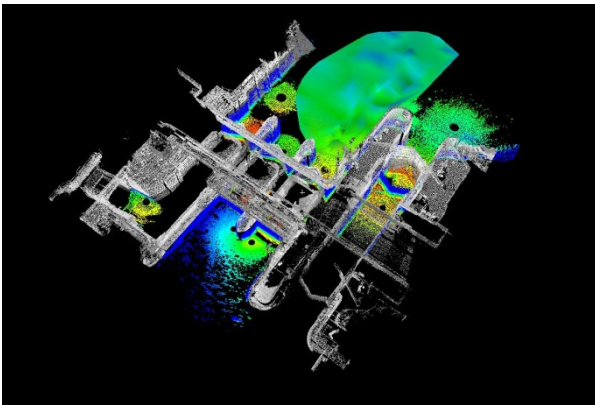
South Humber bank – managing the risk of flooding

September 2015

What have we been doing?

This newsletter provides an update on work taking place and/or planned to help reduce the risk of flooding to people and properties.

South Ferriby: We have undertaken a laser survey of the sluices at South Ferriby (see pictures below) and are awaiting quotations for the refurbishment of the tidal doors at Ferriby Sluice, West Drain and East Drain. There is a long lead in time for the procurement of the specialised timber required for the doors, so work on site will not take place until next spring/summer when river flows should be more manageable.



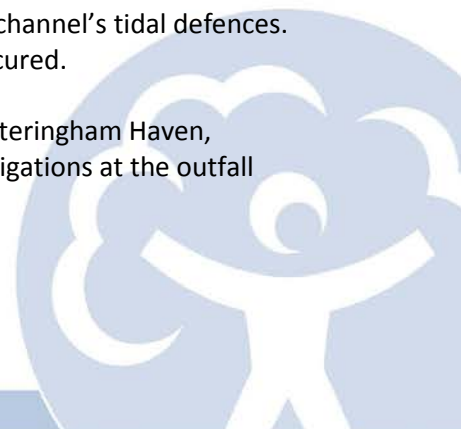
Our Operations teams have successfully de-silted 3 km of the West Drain, removing as much as 2 metres depth of silt in places. De-silting began at Ferriby Sluice and continued inland to Scabcroft Weir. De-silting the channel will increase channel capacity along the river.

We are continuing to progress the scheme to improve approximately 2km of tidal flood banks at South Ferriby, which will reduce flood risk to the properties along Sluice Road, the cement factory and the A1077 through the village. We have been allocated some funding from the government and are continuing to negotiate the required local contributions. We have an ongoing dialogue with North Lincolnshire Council and have agreed a contribution in principle with them. We are working to align the programme and the funding to enable all the works phases to be completed as one package, reducing disruption to the community and increasing efficiency. We continue to liaise closely with the parish councils and CEMEX.

We continue to work with North Lincolnshire Council to explore the options to realign the A1077 with the possibility of improving the sea defences across Winteringham Ings over the longer term. More background understanding is required before any definitive plans can be determined.

We are continuing to develop plans to improve erosion protection along the south channel's tidal defences. It is likely this work will take place next year once the required funding has been secured.

Winteringham: Our Operations teams are coordinating improvements around Winteringham Haven, including raising low spots in the flood banks and desilting the Beck. Detailed investigations at the outfall



structure have been completed. The improvements are expected to start in 2016, once funding has been secured.

We are also working with NLC to see how the risk of flooding to properties in Low Burgage and Water Side can be reduced further.

Barrow Haven: Work to the retaining walls on the east side of the river is now substantially complete (see left picture below). The new tidal doors will be installed late September/early October - weather permitting.



Barton: The improvements to the access steps have been successfully completed (see right picture above).

Barton to New Holland: We are undertaking the initial economic assessment for a scheme to improve the tidal defences between Barton and New Holland. We have been allocated government funding, however a business case needs to be produced and significant local contributions secured before any preferred solution can be determined. We are looking at the possibilities of enhancing and securing important local wildlife habitats as part of the scheme.

Port of Immingham: We continue to work closely with both North East Lincolnshire Council (NELC) and Associated British Ports (ABP) to develop a scheme to reduce the risk of flooding to the port, national infrastructure and adjacent community. Government funding has been secured and the project team are exploring other funding possibilities. NELC are leading the project and expect that the business case will be completed by spring 2016, with a view to replace the port's tidal lock doors later in the year. Any necessary further improvements to ABP's flood defences are also being considered for future years.

Halton Marshes: We are working with NLC and private developers to determine the best way to improve and fund the tidal flood defences along Halton Marshes. Possible future works are expected to be programmed around the ongoing construction of the Able Marine Energy Park and proposed Able Logistics Park.

Killingholme Marshes: We are developing a small scheme to stabilise a short section of flood defence near to Killingholme Haven. We expect that this work will be completed by spring 2016.

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03708 506 506

incident hotline
0800 80 70 60

floodline
0345 988 1188
0845 988 1188

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Burringham: After a summer of investment and engineering work, the new flood defence in Burringham is working effectively and is providing the protection it was built for.

Huge metal piles have been driven into the ground to provide a strong defence against flooding, and as expected during the recent high tides we saw some water seepage through the ground as the defences settle. The seepage is not a flood risk, it is contained through the drainage system and is expected to diminish as the ground settles. Building stronger defences and installing the sheet piling disturbs the ground which needs a little time to reconsolidate around the defences. This is a natural process which is expected. Depending on how long it takes the ground to settle, we are talking to contractors about stopping any of the water reaching the nearby road as this could pose a risk in freezing conditions.

To report concerns or incidents please contact the Environment Agency's 24-hour emergency hotline on 0800 807060.

Keadby/Amcotts: We are continuing to look at future options for Keadby Pumping Station and will discuss opportunities with potential partners.

Owston Ferry: We have spent approximately £1million to stabilise the river channel and sides using stone. Our contractors completed this work in the summer.

Isle of Axholme: A 6 year programme of works within the Isle of Axholme has received funding and approval from Trent Regional Flood & Coastal Committee. Projects are being developed by Environment Agency, IDBs and Local Authorities and all work will be in accordance with the recommendations of the Isle of Axholme Strategy.

Proposed modelling on the Isle of Axholme during 2015/16 and 2016/17: We are planning to carry out modelling on a number of main rivers within the Isle of Axholme. This would provide updated channel and floodplain data and a deeper understanding of flood risk. The study is expected to take 2 years to complete with the results being used to update flood mapping. As part of our modelling work, we have completed the survey of 154km of main rivers within the Isle of Axholme. We anticipate letting the contract for this work at the end of September.

Are you prepared for future floods?

Although flood defences reduce the likelihood of flooding, the risk can never be removed entirely. Flooding can happen at any time and we advise people to take simple practical steps to help reduce the impact of flooding to their homes or business.

- Make sure you are registered to the Environment Agency's free flood warning service, Floodline.
- Get the most out of the service by registering the maximum 5 ways to receive flood warnings. Use a combination of mobile phone numbers, landlines and email addresses. Make sure your contact details are accurate - if you've moved house, changed mobile phone number or got a different email address, please let us know. Don't risk not getting the message. Check the details you have registered by calling Floodline on 0345 988 1188. To make a flood plan for your home with advice about what to do to reduce the impact of flooding, call Floodline or visit www.gov.uk/flood

Contact

If you have any questions, please contact the Environment Agency's national customer contact team on 03708 506 506 (landlines are charged the same as a local geographic call but mobiles may vary) or email enquiries@environment-agency.gov.uk. Alternatively, visit www.gov.uk/flood or call Floodline on 0845 9881188 or 0345 9881188. Follow us on Twitter [@EnvAgencyAnglia](https://twitter.com/EnvAgencyAnglia) or [@LincsOpsEA](https://twitter.com/LincsOpsEA)

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