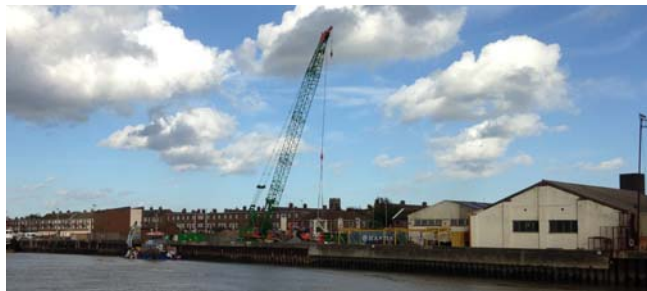


What are we updating you about?

We have recently completed works to replace over 500 metres of important tidal defences which reduces the risk of flooding to over 2,000 homes in Southtown and Cobham. We are about to start works at Bryant's Wharf to repair the existing riverside quay wall.

Where is this work happening?

The new section of works will take place in Berth 20, off South Quay, opposite Friar's Lane.



Berth 20 - Bryant's Wharf

When is the work happening?

The works will take place from November 2016 and run until February 2017.

What will we be doing?

The works involve repairing the existing riverside quay wall using a Limpet Dam. This is a temporary structure that enables access to the quay sheet piles during all states of tide, and uses the water pressure on the sides of the structure to attach itself to the quay wall. It allows us to inspect and repair the river wall in a dry environment that would otherwise be underwater. Small construction equipment and a large crane will move the Limpet Dam along the wall as work progresses. The works are not expected to cause undue noise or disruption.



Limpet Dam in use



Section view of limpet dam model

Why are we using this approach?

The sections of wall planned for the next phase of the project (up to 2021) are considered to be in a better condition than those replaced during the first phase. We are using learning from the first phase and plan to rejuvenate suitable sections with a programme of major repair and protection to reduce future corrosion, which we are working with the landowner to trial at Bryant's Wharf.

This rejuvenation approach should provide a further 50 years of life from the walls, for an estimated 30% of the cost of replacing them. The work planned for phase 2 will reduce the risk to over 2,000 homes. If suitable, this more affordable approach may also mean there is a potential to bring forward the works planned for beyond 2021, to protect more people and property sooner.

What should you do and how can you get involved?

We would like to thank you, the local businesses, and Great Yarmouth Borough Council for your continued support and patience as we carry out works to these important flood defences.

Working with Great Yarmouth Borough Council we have supported a number of local businesses to form the Tidal Defence Business Partnership (TDBP). The TDBP represent the wider businesses in delivering the next phase and are helping to secure the additional funding needed for phase 2. If you are interested in attending the TDBP meetings or finding out more about the partnership please contact:

Bernard Harris, Co-ordinator:

bh@great-yarmouth.gov.uk

Or to register an interest in receiving updates about the group visit:

www.great-yarmouth.gov.uk/tidal-defences

Contacts

Robert Barker – Environment Agency
Project Manager 02030256179

Bob Perry – BAM Construction
Project Manager 01493 602892

Site Address; BMMJV Site Office, Berth 24,
Bunn's Lane, Southtown Rd, Great Yarmouth,
NR310JB.