

# Bungay and Surrounding Area Flood Risk Management Scheme

## What is contained in this briefing?

This briefing note provides an update on progress of the Bungay and Surrounding Area flood risk management scheme and awareness of the publication of the citizen space website page.

<https://consult.environment-agency.gov.uk/east-anglia-c-e/bungay-flood-scheme>

The citizen space website will be used to provide updates to the community as the project progresses. A survey is also open on the site to collect feedback on our initial options, closing on Sunday 16 October 2022. Further consultations and public drop-in session will be conducted as the project develops.

## What's happened so far

This briefing note provides an update on progress of the Bungay and Surrounding Area flood risk management scheme and awareness of the publication of the citizen space website page.

Following the flooding that took place in December 2020 the Environment Agency began work to better understand what happened, working with the County, District and Parish Councils and the local community. This included a public drop in event on the 19 January 2022 where local feedback could be heard and next steps to progress the project were detailed.

Working with our flood risk consultants Jacobs, we have begun to investigate measures for managing flood risk within the area, with the aim of identifying a technically and economically viable scheme that will manage flood risk with no adverse environmental impacts.

The flood risk model for the River Waveney had been updated to help improve the understanding of flood risk in and around Bungay and this now being used to help inform the project.

We have drawn up a list of possible options to manage flood risk in the area and are keen to hear feedback from the community, Councillors and risk management authority officers.

## Our initial options

The shortlist is based on initial findings and is a list of options to consider. We have to ensure any option provides enough benefit (through economic analysis) when compared to the cost of implementing the option.

If the scheme progresses to a more detailed assessment, some options will be ruled out as they will not provide enough benefit to justify the cost.

At this stage it's important that we identify a wide range of options and assess if any are potentially viable to include within the Strategic Outline Business Case. The following options summary will be published on the Citizen Space website for comments and feedback.

### Natural Flood Management

Working with landowners in the Waveney Catchment to implement measures that slow the flow of water. This could be planting woodland on hills adjacent to River Waveney to delay runoff, placing leaky barriers on side channels/drainage and storing small amounts of water in key locations. This option also has the potential to provide environmental benefits and create new habitats. This option would need to be delivered on a widescale and relies on landowner willingness to implement measures.



Leaky Dam - Natural flood management example

## Modification of Bungay Sluice

The Bungay Sluice is a structure to manage water levels in the River Waveney and is not designed to perform any flood risk management functions. This option would consider removing or modifying the sluice gate. This would need to ensure water is retained during summer months and that environmental or amenity value isn't lost.



Bungay Sluice

## Creation of Upstream Storage

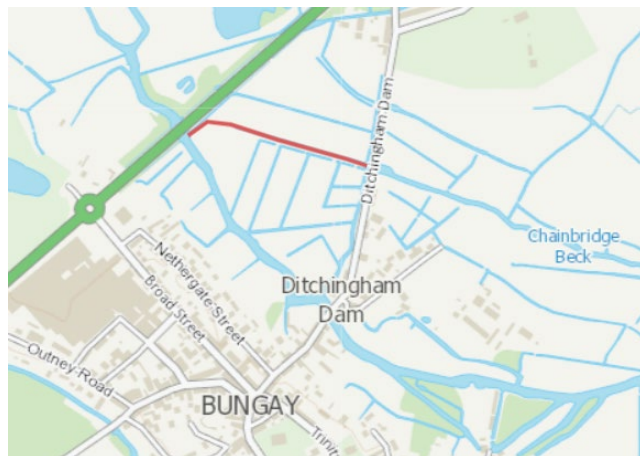
Construction of storage areas, ponds and/or reservoirs on Outney Common and/or upstream of Earsham to store excess water during storms and flood events. This option has the potential to create new habitats and enhance the amenity value of the area.



Potential flood storage areas at Outney Common and Bluck Plantation

## Modify side channels and drains

Option involves making use of existing side channels and drains. These will be widened, joined or repositioned to create alternative water passage to convey excess water during storms and flood events. This could include a new channel between A143 and Ditchingham Dam Road creating a connection between main river Waveney and the Chainbridge Beck.



Potential new channel between  
A143 and Ditchingham Dam Road

## Realignment of the main River Waveney

Excavating a new channel passing through less urbanized areas to reduce the impact of flooding to Bungay. This option is likely to have a high cost but could provide environmental enhancement



Indicative location of realignment of main River Waveney

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)

## Embankments or Flood Walls at Wainford, Ditchingham, Earsham

Construction of earth embankments or flood walls in key locations to protecting residential properties. Where space is limited Embankments would not be a suitable option and flood walls would be considered. This option would have a high cost and only benefit small areas.



Location 1 – Bungay: lower Ditchingham Dam Road



Location 2 - Earsham



Location 3 - Bungay: Outney Road



Location 4 - Ditchingham: Pirnhow Street

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## Upsizing of Pirnhow Street and Wainford Road culvert(s)

New culvert(s) of bigger size than existing culverts at Pirnhow Street and Wainford Road. Increasing the culvert size will improve flow through the system but may not offer significant reduction in flood risk.



Location of culverts to be upsized

## Raising the height of Earsham and Ditchingham Dam Road

Raising the height of Earsham and Ditchingham Dam road to reduce the chance of water overtopping. No overtopping occurred during the December 2020 flooding so this option may not offer significant reduction in flood risk.

## Property Flood Resilience

Offer individual properties products to reduce the likelihood of flood water entering the property. Products include air brick covers, flood doors, pumps etc. This option will not reduce flooding to the wider area and only reduce the impact of internal flooding to individual properties.

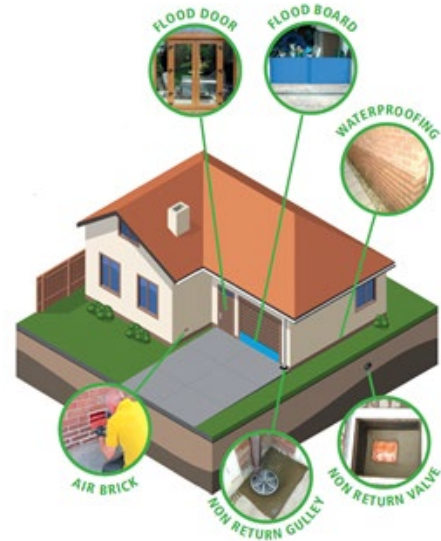


Illustration of Property Flood Resilience Measures

## Increase communities resilience

Work with the community to increase awareness of individual flood risk. Enable the production of flood plans and support the creation of a flood action group.

## Contact

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