

# Appleby Flood Risk Management Scheme Update

August 2019

The Environment Agency are striving to improve the existing Flood Risk Management Scheme from summer 2020. This is to better protect residential and business properties in Appleby from future flooding. Some of the benefits of the scheme include;



Homes better protected



Existing Defences will be refurbished and raised, in places where necessary.



Community facilities better protected



Culvert improvements on Doomgate Beck



Installation of new pumping station at Doomgate



Potential weir removal of Bongate Weir



£1.5m Investment



Money saved from future flood damages



Businesses better protected

## Key dates

June 2016



Flood Scheme appraisal Commissioned

February 2017



Post Flood Investigation report

June 2017



Engagement with Community - Long List options

January 2018



Engagement with Community - Short List options

May 2019



Calculation of flood scheme costs & benefits

Summer 2019



Provided Town Council with update

Autumn 2019



Engage with the community on preferred option

Summer 2020



Commence Works

We last engaged with you in February 2019 where we notified you of our short list options for The Sands and Town Centre area. Since then we have been refining the short list options to try and find a Flood Risk Management Scheme that is economically viable, technically feasible, environmentally sustainable and socially acceptable for the community of Appleby.

This has been particularly challenging economically for Appleby due to the relatively small numbers of properties requiring protection compared with the cost of building a flood risk management scheme. We were required to secure substantial partnership funding to make the scheme economically viable which we have been unable to do. We have, however, challenged the original government funding allocation of £750k and have been able to increase this to £1.5m for the Town, but this will only enable us to deliver some flood risk benefits for Appleby.

### **We have identified key areas within Appleby that require intervention and we are aiming to deliver the following:-**

- **Culvert improvements at Rampkin Pastures** which improves the conveyance of water through the culvert, increasing the efficiency of the existing basin where flood water collects and is stored
- **Installation of a new pump on Doomgate Beck** we are still focusing on delivering a sump and pump which will allow flow coming through the Doomgate culvert to be effectively discharged into the River Eden even when the River Eden is high. This will mitigate a significant residual risk that remains behind the existing defences
- **Raise low spots and carry out strengthening works on the existing defences** If deemed necessary following the structural and geotechnical assessment. This will ensure the Town Centre has a consistent standard of protection
- **Potential Improvements to the existing Property Flood Resistance measures on The Sands** as a riverside flood wall was not economically viable

We are also continuing to investigate the removal of Bongate Weir that is located upstream of Appleby Town Centre. The weir is in a poor state of repair that creates dangerous currents posing a health and safety risk as well as being a barrier to fish navigating the river. We are working with Eden Rivers Trust, Cumbria County Council and Eden District Council to develop a plan for removing this weir.

### **What happens now?**

- We are continuing to develop our proposals for the above works and refine the costs of delivery by the end of September 2019
- We will present our proposals to you in Autumn 2019
- Subject to community feedback on our proposals we will apply for planning approval in early 2020
- Delivery of the improved flood risk management scheme will start in Summer 2020

### **Find out more**

You can find out more about the scheme by visiting:-

- [www.cumbriastrategicfloodpartnership](http://www.cumbriastrategicfloodpartnership) for how we are contributing to managing flood risk from Source to Sea
- [www.thefloodhub.co.uk](http://www.thefloodhub.co.uk) in 'Your local area' to see a summary of what the scheme is proposing and for general information on how to prepare and respond to all sources of flooding

### **Contact Us**

Customer service	03706 506 506
Floodline	03459 881 188
Incident hotline	0800 80 70 60

### **Keep up to date**

[www.thefloodhub.co.uk](http://www.thefloodhub.co.uk) in 'your local area'