

# Staveley and Ings

## Future Flood Risk Management

January 2018

### Background

Following Storm Desmond, flood risk management authorities were commissioned by Government to reduce flood risk not only at community level, but to look for options to reduce flood risk across the County from Source to Sea. This means we have taken a new approach, working at a catchment scale to integrate land management, development and resilience from the tops of the fells down to the coast. In order for us to deliver flood risk benefits across the County in this way we are now part of an established partnership called Cumbria Strategic Flood Partnership (CSFP).

### What does Cumbria Strategic Flood Partnership do?

The CSFP aims to lead, coordinate and monitor the management of flood risk across the County. This Partnership brings together Flood Risk Management Authorities including the Environment Agency, Cumbria County Council, District Councils, United Utilities and representation from other organisations including land managers and community groups who have an interest in, or responsibility for, flood risk management.

The CSFP is structured over two levels – the Board (strategic level) and Catchment Management Groups (operational/delivery level). The Board takes an overview of the whole Partnership, setting the direction and ensuring the three Catchment Management Groups deliver their objectives. The Board is currently chaired by Cumbria County Council and the South Cumbria Catchment Management Group is chaired by South Cumbria Rivers Trust.

### Cumbria Strategic Flood Partnership Community representation

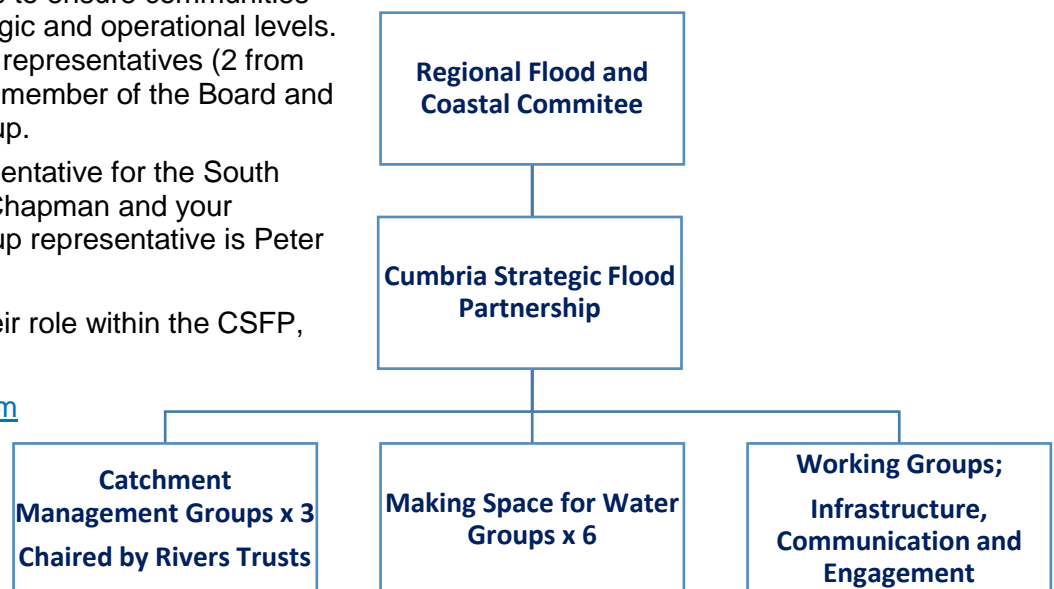
A key objective of the CSFP is to ensure communities are represented at both strategic and operational levels. It has appointed 6 community representatives (2 from each catchment area) to be a member of the Board and Catchment Management Group.

Your community Board representative for the South Cumbria catchment is Janet Chapman and your Catchment Management Group representative is Peter Lansberry.

If you have any queries on their role within the CSFP, you can contact them on:

[chas.chapman@btinternet.com](mailto:chas.chapman@btinternet.com)

[peter@lansberry.co.uk](mailto:peter@lansberry.co.uk)



For more information on the CSFP visit [www.cumbriastrategicfloodpartnership.org](http://www.cumbriastrategicfloodpartnership.org) or email [CSFP@cumbria.gov.uk](mailto:CSFP@cumbria.gov.uk)

**customer service line**  
03708 506 506

**incident hotline**  
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**floodline**  
03459 88 11 88

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### Work undertaken in Staveley and Ings

Following the flood event in December 2015, the Environment Agency has:

- Commissioned re-modelling of the River Kent catchment area. This new hydraulic model will improve our understanding of flood risk in the area.
- Repaired sections of wall on the River Gowan that were damaged in Staveley. Gravel has also been removed from the Station Road bridge area, and the wall has been strengthened by underpinning.
- Worked with the community and partners to develop a pilot scheme aimed at improving ways of working.
- Continued to undertake maintenance activities. Further details of these can be found at <https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme>

### What next?

In summer 2017 we published the “long list” of options and we have been refining each option, measuring their viability against the following four tests;

Technical feasibility   Economic viability   Environmental sustainability   Community support

We now have a “short list” of options for Kendal, Burneside and Staveley & Ings and want to share these with the local community. These options currently represent a sufficiently good return on government investment to allow the scheme business case to progress.

We will continue to develop and refine the short list options required for the full business case, which will be used to secure the most viable flood risk management scheme using the four tests above.

Once the business case is approved we will then progress with detailed design and construction, which includes planning applications, all other approvals, permits and landowner agreements required to deliver a scheme.

Options which are most likely to move forward include flood walls and embankments to protect properties on both sides of the Rivers Kent and Gowan through Staveley and Ings.

Several upstream flood storage locations are being considered and we will share details of the most likely flood storage locations and the flood defences at the community drop in meeting.

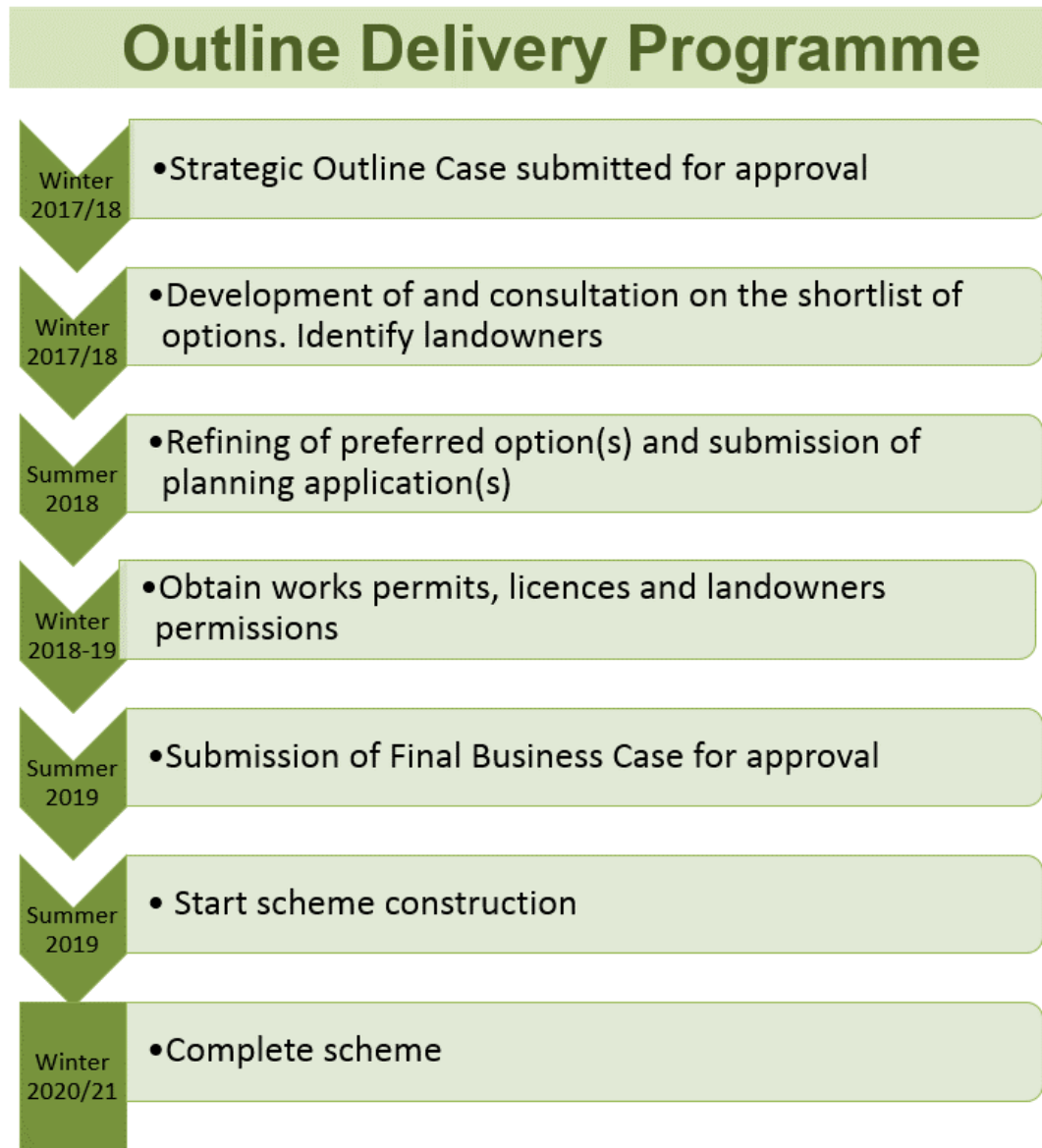
We will be using the new river modelling to see how we can improve the channel capacity and flood plain flows at the River Gowan and Kent confluence. This will hopefully reduce the flood levels in and around Gowan Bridge.

The flooding around the A591 is of particular interest and we will be working with Cumbria County Council and Highways England to see how we can reduce flood risk in this location.

We have also identified several locations for Natural Flood Management on the River Kent catchments, again we will share more details at the drop in meeting. We will continue to employ a catchment based approach through the Catchment Management Group and sub-working groups.

We are improving the new Staveley and Ings Flood Warning System by installing a new river level gauge on the River Gowan, a rain gauge at Dubbs Reservoir and upgrading the rain gauge at Kentmere Hallow Bank. Additionally, we are updating the Flood Warning Area based on the outputs from the updated Kent catchment model.

# Staveley and Ings Future Flood Risk Management



The strategic Outline Business Case provides a high level understanding of the flood risk and demonstrates the need to continue working on a scheme and complete the Final Business Case. The Final Business Case provides all the detailed technical, economic and environmental information to justify a compelling case to invest the money to build a scheme.

### Timescale

The appraisal process takes time to ensure we follow the correct rules and procedure in spending Government money. For further information on the funding process and the rules we must follow, read the “guide on how the Environment Agency fund and deliver flood risk management schemes” under the Funding’ section of the Cumbria Strategic Flood Partnership website

<http://www.cumbriastrategicfloodpartnership.org>

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# Staveley and Ings Future Flood Risk Management

**Community Drop-in** We are organising a community ‘drop-in’ meeting for Burneside, Staveley and Ings on 8 February 2018 at Staveley Village Hall. Do drop in anytime between 2pm and 7pm. We will share the “short list” of options with you and will have plans showing where each option could be located. We will also provide an update on the next steps.

## Staveley and Ings Flood Action Group

You may be aware that the Staveley and Ings Flood Action Group has produced a community flood plan to ensure the local response is coordinated and comprehensive in an emergency situation. If you would like to speak to your local flood action group to learn more or to offer your help, you can contact Peter Harrison at [PHarri8119@hotmail.com](mailto:PHarri8119@hotmail.com)

## Contacting the Environment Agency

If you would like to contact the Environment Agency about future flood risk management you can email [CMBLNC-PSO@environment-agency.gov.uk](mailto:CMBLNC-PSO@environment-agency.gov.uk). If your query relates to community or personal resilience please contact [clfloodresilience@environment-agency.gov.uk](mailto:clfloodresilience@environment-agency.gov.uk).

## Be flood ready

We will never be able to guarantee a completely flood-free future, and so we encourage anyone living or working in a flood risk area to be aware and to be prepared. We can support you by; signing you up to receive free **flood warnings**, helping you to produce a **personal flood plan**, offering **property resistance and resilience** information and supporting the formation and ongoing work of a **community flood action group**.

It is important that you are prepared for flooding and we encourage you to take 4 simple steps:-

**1. Sign up** to the Flood Warning Service to receive free flood warnings

We sent residents in the new Flood Warning Area a letter inviting them to sign up for the service, and are pleased to say that many have already done so. If you have not yet signed up, then please do consider taking this step. The Flood Warning Service is a free system which is used to warn you of imminent flooding to land and property.

**2. Know what to do** when a flood warning is issued. Have a personal flood plan for you and your family.

**3. Keep an eye** on the situation. You can view a 5 day weather forecast and monitor the river levels online.

**4. Keep up to date** with early warnings of heavy rain which could lead to flooding by registering for Cumbria Community Messaging Service. This is a free email service and is complementary to our Flood Warning Service. To register visit [www.cumbriacommunitymessaging.co.uk](http://www.cumbriacommunitymessaging.co.uk)

**For information on the above, visit**  
<https://flood-warning-information.service.gov.uk/warnings>  
**or ring Floodline on 0345 988 1188**



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