

## Cumbria flood action plan

### Eamont Bridge & Brougham community action table

The purpose of this action table is to highlight the flood management that is currently in place and the specific actions that are happening or proposed within the Cumbria flood action plan for this community.

Please read this table in conjunction with the full Cumbria flood action plan and summary document, which can be found online by visiting [www.gov.uk](http://www.gov.uk) and searching Cumbria flood action plan.

**Catchment:** Eden

**Impact of December 2015 flood:** Approximately 105 homes and businesses were flooded.

**Description:** Eamont Bridge and Brougham are small villages immediately to the south of Penrith. The River Lowther and River Eamont run by the villages and merge before joining the River Eden further downstream.

Eamont Bridge & Brougham better protected

#### 1) Do now (within next 12 months):

- Complete emergency plans
- Register properties on Floodline Warnings Direct
- Publish and review flood investigation report
- Complete appraisals of possible actions to manage flood risk

#### 2) Develop (2-5 years):

- Take forward recommendations in the flood investigation report and identify possible options to reduce flood risk
- Continue to support sharing knowledge and best practice through the network for Community Action Groups

#### 3) Explore (5+ years):

- Develop opportunities for natural flood risk management and engineered storage where feasible

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
<b>Strengthening flood defences</b> 	There are no Environment Agency formal flood defences in Eamont Bridge or Brougham. The Environment Agency and local community worked together to secure funding, following the November 2009 flood, to implement property level protection. Funding was made available to around 45 properties and of those, 37 accepted and obtained air brick covers and flood gates for their properties.	<b>Improved defences</b> £1.4m of capital funding has been allocated from within the Flood and Coastal Erosion Risk Management Investment Plan. This funding will be used to assess and construct the preferred options for managing flood risk which may include: strengthening defences, improving the capacity of watercourses and surface water drains, upstream storage and 'slow the flow' interventions.	Draft Flood Investigation Report published summer 2016	Environment Agency	£1.4m
		<b>Modelling and forecasting post-event model re-runs</b> Update the river level model with the most recent flow data available from Storm Desmond to develop and support any future schemes.	Short term (within next 12 months)	Environment Agency	£70,000 (Cumbria wide spend)
		<b>Repairing damages from Storm Desmond</b> No repairs were required following Storm Desmond.			

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
	Cumbria County Council have undertaken repairs to the north pier of Eamont Bridge. The bridge was reopened in March 2016.	<b>Understanding Bridges</b> Review the role that bridges play in flood risk and their vulnerability during a flood.	Short term – strategic review within the next 12 months	Cumbria County Council	
		Investigation and repairs to reopen Brougham Bridge.	<b>Complete</b>		
<b>Upstream management</b> 	Restoration of Dacre Beck. This project included: run off interception, water storage, soil aeration, river and floodplain restoration.	Continue to explore feasible options for removing the weir to restore natural processes and reduce flood risk to surrounding properties.	Medium term (2017/18)	Eden Rivers Trust	EU Funded Project
		Further river restoration projects include: removal of bank reinforcement, reconnecting the river to the floodplain, riverside fencing, tree planting and large woody debris.	Medium term (2017/18)	Eden Rivers Trust	Cumbria River Restoration Strategy
<b>Maintenance</b> 	<p>There are no Environment Agency formal flood defences in Eamont Bridge and Brougham</p> <p>The river channel is maintained by the Environment Agency on an ongoing basis. This includes managing vegetation and removing gravel. Other structures are also inspected and any necessary works carried out.</p> <p>The planned maintenance programme is available at: <a href="https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme">https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</a>  This year's scheduled maintenance will be completed by the end of the year.</p>	<p>The new Environment Agency system will make it easier for communities to understand maintenance in their area. Improvements will show exactly when, where and what maintenance is being planned each year.</p> <p>Make sure that communities understand how they can access information on planned maintenance at: <a href="https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme">https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</a></p>	Short (within next 12 months)	Communities Environment Agency Parish and District Councils	

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
<b>Resilience</b> 	Eamont Bridge Flood Action Group has developed an Emergency Plan with support from the Environment Agency.	Continue to work with all communities to establish a network of action groups to share learning and best practice.		Environment Agency (Flood Warning & Community Resilience) Communities Parish & District Councils District Council & Local Government	Local Levy, Flood Defence Grant in Aid
	Eamont Bridge and Brougham currently receive Flood Warnings with an uptake of 72% of at risk properties registered to the service.	Work with the Emergency Group to increase uptake of residents registered to the flood warning service.			
	Local authorities are administering the Flood Recovery and Resilience Grants.	People who flooded in December are being urged to apply for the £5,000 resilience grant from their district/borough council. The deadline for applications has been extended to Friday 31 March 2017. A further £2,000 top up grant can also be applied for from the Cumbria Flood Recovery Fund.	Closing date for grant applications – end of March 2017	District Council	Resilience grants of £5,000 per property
<b>Water Level Management Boards</b> 	There are no Water Level Management Boards in this area.				