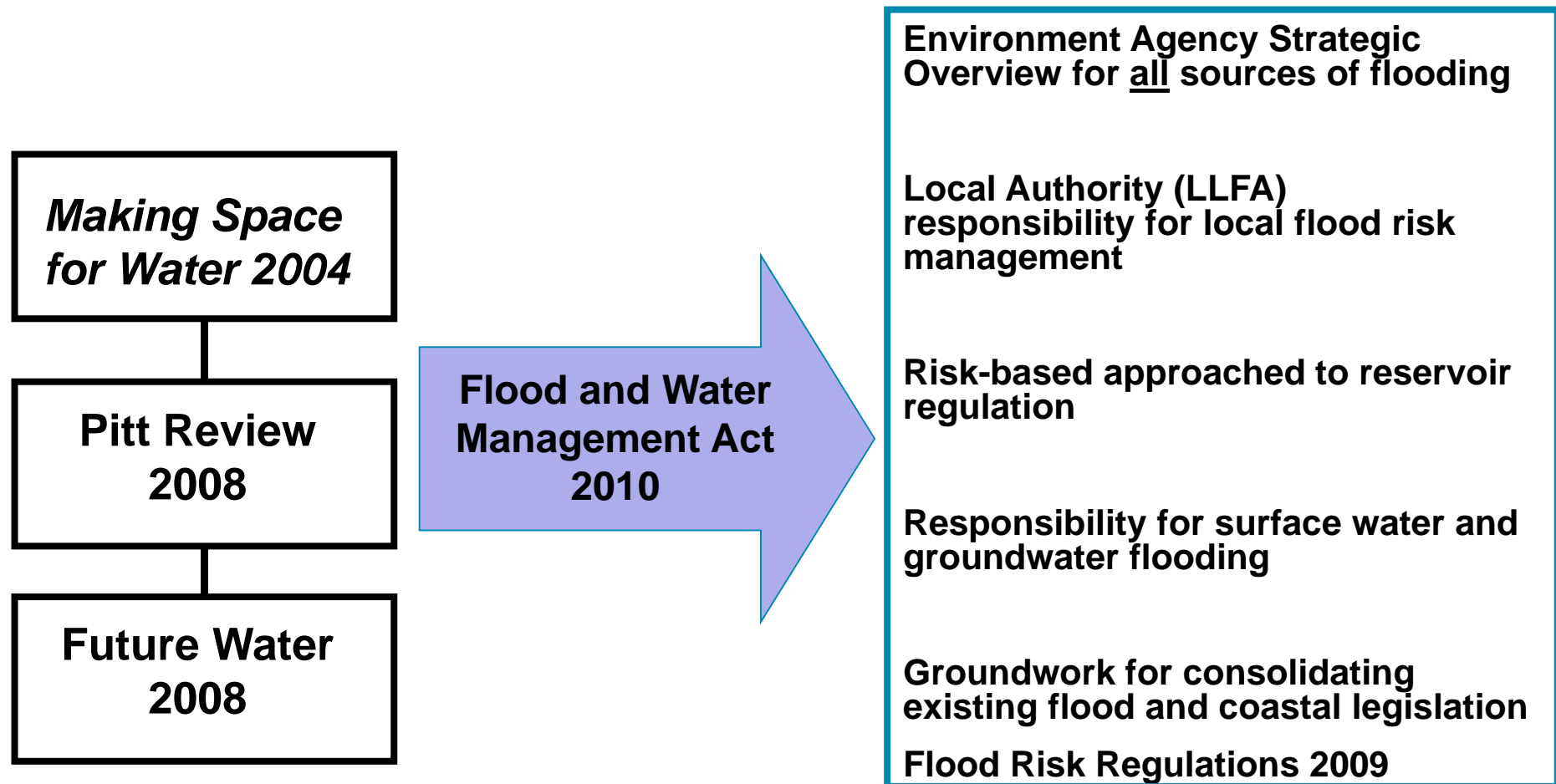


Cumbria County Council
Section 19
Flood Reports

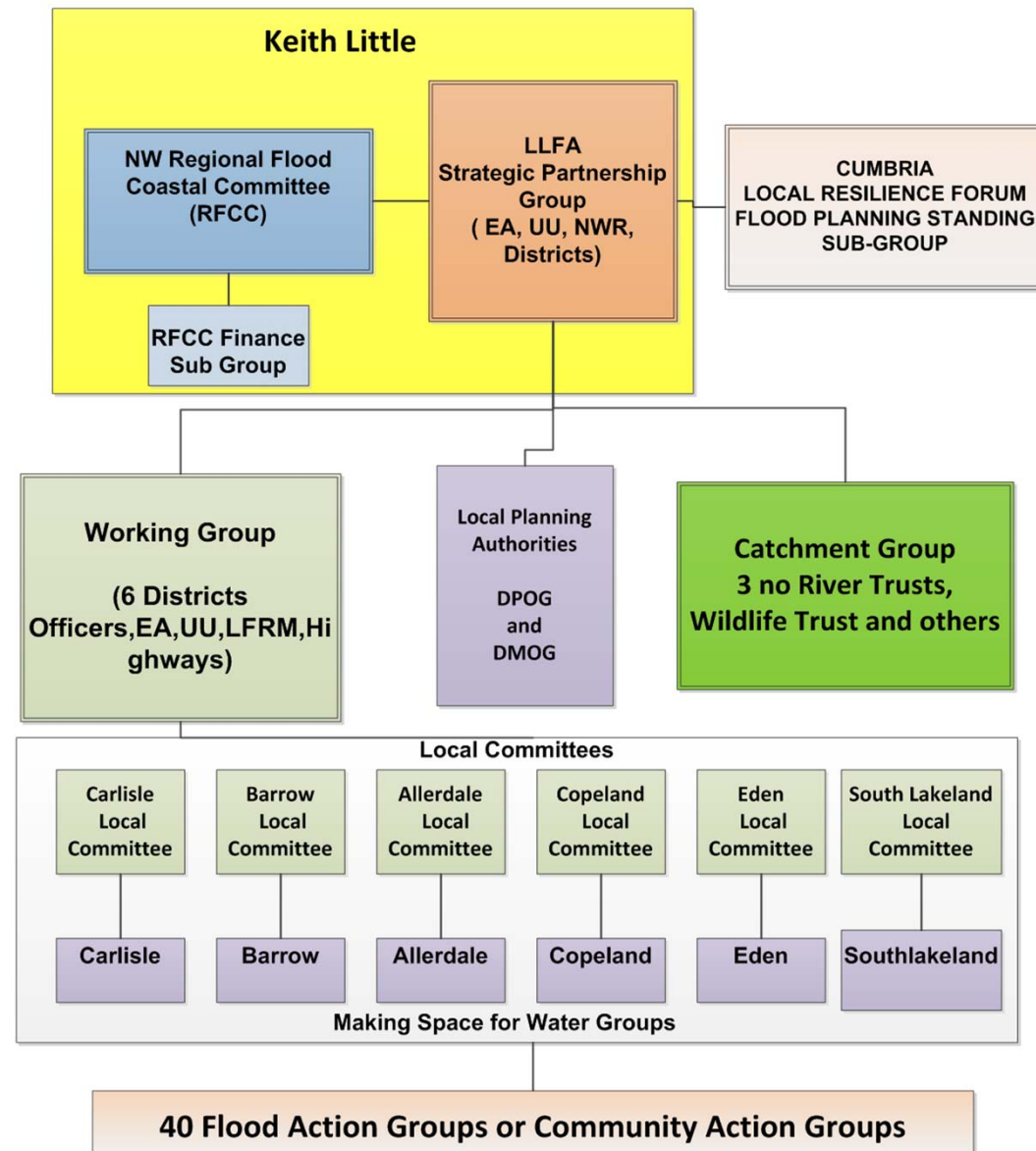
Flood and Water Management Act 2010



Risk Management Authorities – Who Does What?

Flood Source	EA	LLFA	District	Water Company	Highways Authority & Highways England
Main river	✓				
The Sea	✓				
Surface Water		✓			
Highways Surface Water					✓
Sewer Flooding				✓	
Ordinary Watercourse		✓	✓		
Groundwater		✓			
Reservoirs	✓				

Lead Local Flood Authority



Local Governance

Strategic Partnership Group

- EA FCRM Manager
- UU Area Manager
- CCC Portfolio Holder
- Environment and Community Services Ass Director
- District Officer rep
- LLFA Partner Officer

Working Group

- EA Senior Advisor
- UU Partnership Manager
- CCC Asset Manger
- 6 District Officers
- LFRM
- LLFA Partner Officer

Catchment Group

- Eden Rivers Trust
- West Rivers Trust
- South Rivers Trust
- Wildlife Trust
- LFRM
- LLFA Partner Officer

Planning

- Providing advice to 9 Local Planning Authorities in Cumbria
 - Local Plan-making
 - Statutory Consultee for flooding and drainage on planning applications. One new Development Management Team provides responses on highway and drainage consultations.

Local Flood Risk Management Strategy

- To coordinate the resources available in the flood Risk Management Agencies to maximise a reduction in local flood risk;
- To promote a wider understanding and awareness of flooding in Cumbria;
- To explain how everyone can play a part in reducing flood risk; “who does what”.



Cumbria LFRMS Action Plan

Action Plan				
Eden				
Location	Issue	Actions and progress	Lead Organisation and Partners	Policies served
Schemes (no defined Wet Areas)				
ED1 Newbiggin	Groundwater / surface water flooding. Water collects in a field swallow hole which overtops and floods properties.	EDC are investigating options here.	LLFA - EDC	P1, P2, P5
ED2 Patterdale	Whilst one area is a Main River issue there are a number of sites in the Patterdale area which flood from surface water flooding. This is a direct result of run-off from the hills.	It is unclear whether much can be done because of the topography and the relatively few properties affected at each location. Maybe education, awareness and PLP. MSWG actions on-going.	LLFA - EDC	P1, P2, P4, P5
ED3 Appleby	Flood gate replacement	FCERM GIA made March 2014	EA	P1
ED5 Penrith	Flood risk from Thacka Beck has been reduced through a flood alleviation scheme, reducing the main risk of flooding.	Residual flood risk may be an issue, specifically surface water not being able to access Thacka Beck culvert. Monitoring during heavy rain in Penrith will help to identify whether or not a problem exists here. ACT/EA engaging with communities to raise awareness of residual risk of surface water flooding and develop Community Action Plan. EA made a FCERM GIA bid for pumping station investigation March 2014.	LLFA - EA, EDC	All
ED6 Gablesby	Generally has not experienced regular flooding but there are historic reports, however, occurred 3 times during 2012 and 2013.	Recent events do warrant investigation and survey of highway drainage systems. Parish Councils have identified measures that might help to reduce flood risk. Flood Investigation Report published by the LLFA. Some improvement works carried out by Community and Cumbria Highways. FCERM GIA bid March 2014 to investigate feasibility of upstream flood storage. Scheme being progressed with MTP Accelerated Funding Spring 2015.	LLFA - Cumbria Highways, UU & Parish Councils	P1, P2, P4, P5

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Making Space for Water Groups (MSfWGs) - ownership of localised flooding issues

Local officers from the Environment Agency,
United Utilities, District Councils, Rivers Trusts,
Highways who: -

- Promote flood risk reduction schemes
 - Own 'Hotspots' (flood locations) list
 - Own recommendations of flood investigation reports

Developing community resilience

BE PREPARED!

**COMMUNITY
EMERGENCY
PLANNING**

**SMALL COMMUNITIES &
PARISH MEETINGS**



Published by ACTion with Communities in Cumbria,
Funded by Sustain Eden, a Lottery funded programme coordinated by Cumbria Action for Sustainability.

*"How would my community survive the first
48 hours of a serious emergency?"*

BE PREPARED!

**10 STEPS
TO COMPLETE YOUR
COMMUNITY
EMERGENCY
PLAN**



Published by ACTion with Communities in Cumbria, assisted by Roger Roberts,
Eden Gate Consulting, with the advice and support of Cumbria County Council,
Cumbria CVS, and Environment Agency.



ACTion
with communities
in Cumbria

**Community Emergency Planning:
Having the Conversation**

Community Emergency Plans can help to minimise the impact of an emergency and help communities to recover more quickly. For many communities however, the prospect of writing a Plan and getting involved in an emergency situation, can be a daunting one.

This guidance is aimed at communities considering how they can work together, and better support each other through difficult times. It aims to highlight how useful it can be to have 'had the conversation' even if you decide not to go on to write a detailed Community Emergency Plan.

Inconvenience or Emergency?

An inconvenience for one person, could be a potential emergency for another. It doesn't have to be a 'blue light response' situation.

For example, being without power or water for an extended period of time could cause significant upset and a potential health risk for more vulnerable residents.

Being stuck in your home, due to snow or icy conditions, can mean residents are unable to collect prescriptions or shop for food. Extreme temperatures, such as freezing conditions or a heat wave also pose significant health risks.

People can be more vulnerable at different times in their lives: e.g. a parent home alone with a new born baby; an elderly resident with a chronic health condition; anyone who is affected by sickness or injury.

Community Conversations

Community coffee mornings, or other events are a great opportunity for local people to discuss their experiences.

There will have been incidents in the past which the community responded to by working together and looking out for their neighbours. Learning more about them can help you to identify potential risks and positive actions to encourage in the future.

There's no need to be too formal about it, simply ask people to have a conversation about the last time the village was challenged by heavy snow, or a power cut etc.

Keep it relaxed and encourage everyone to speak who wants to. Ask a volunteer to take some notes so you have a record of what people said.

Community Conversations

- Informal discussions and story telling
- Coffee mornings and other existing community 'get together' activities
- Make a note of the key points

Parish / Town Council Conversations

- Discuss information from community conversations
- Invite Police Community Support Officer, Neighborhood Watch, local First Responder etc
- Consider writing a Community Emergency Plan

Help residents be better prepared

December 2015 floods



Section 19 – Flood and Water Management Act 2010

- On becoming aware of a flood in its area, a Lead Local Flood Authority (LLFA) must, to the extent that it considers necessary or appropriate, investigate;
 - Which risk management authorities have relevant flood risk management functions, and
 - Whether each of those risk management authorities has exercised, or is proposing to exercise, those functions in response to the flood
- Where an authority carried out an investigation under subsection (1) it must -
 - Publish the results of its investigation, and
 - Notify any relevant risk management authorities

Flood Forums and reports

- 2015 floods - 48 flood reports & 83 incident reports
- Data collection and information gathering – residents, businesses, RMA, partners, stakeholders
- When flooding of 5 or more properties is involved, a full report will be prepared and a community meeting will be held known as a Flood Forum.



Carlisle

Flood Investigation Report

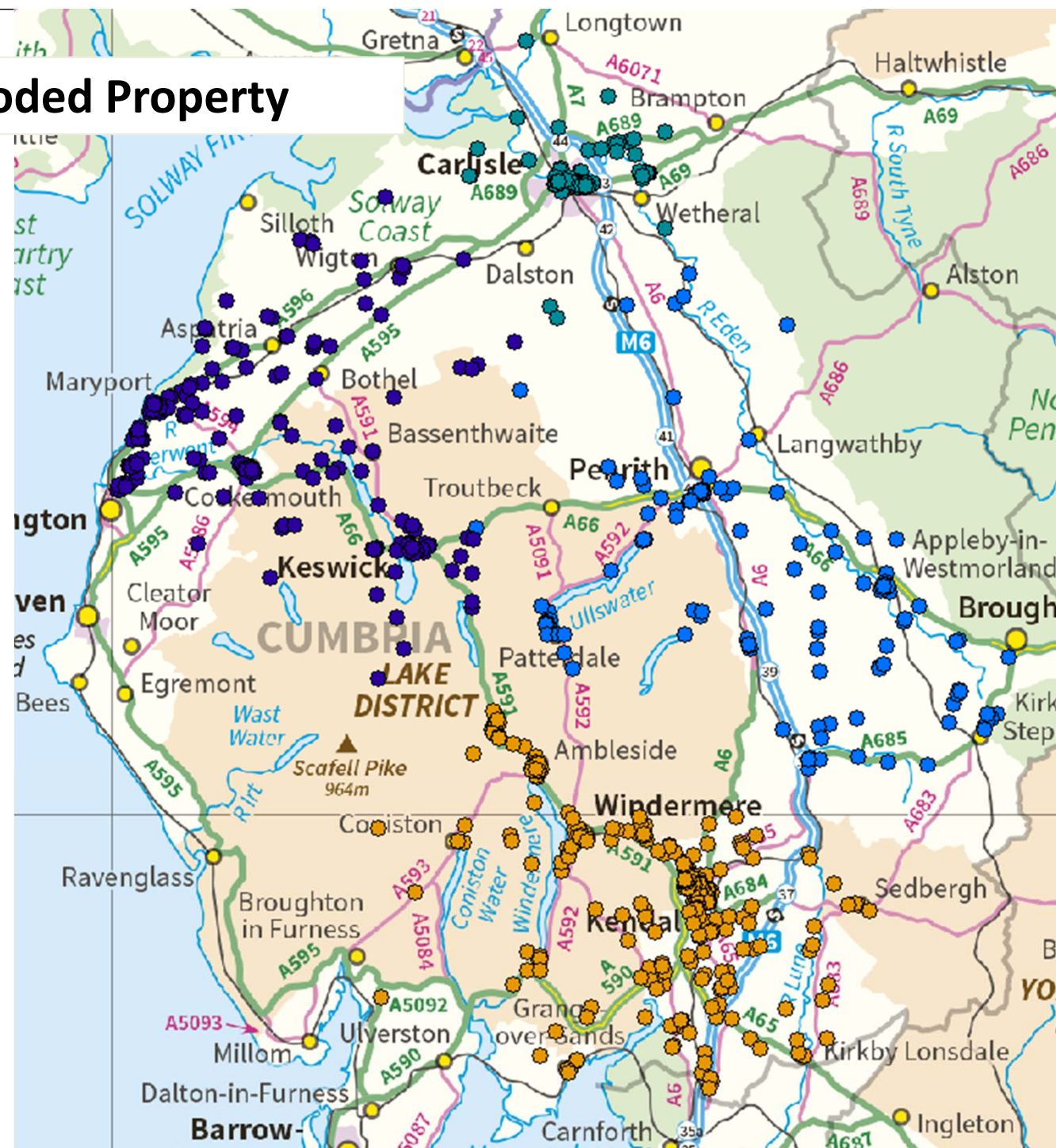


Brunton Park football ground 6th December

Flood Event 5-6th December 2015

This flood investigation report has been produced by the Environment Agency as a key Risk Management Authority under Section 19 of the Flood and Water Management Act 2010 in partnership with Cumbria County Council as Lead Local Flood Authority.

Flooded Property



Reports By Catchment



December 2015 investigations

- Stage 1 – Flood trailers/drop in
- Stage 2 – Flood Forums – data collection and mapping
- Stage 3 – 2nd Flood Forums – draft section 19 report
- Stage 4 – 3rd Flood Forums - Final reports
- Stage 5 – Progression with Local Flood Group, flood risk management options, identify funding
- Stage 6 – secure funding, programme of work

Funding

- Managed by NW RFCC
- Grant – in – Aid
- Local Levy funding
- Capital bids/grant process
- Funding criteria for unallocated funding still to be determined – awaiting National Flood Resilience Review

Going forward

- Flood investigations will identify proposed schemes in catchments to allow catchment working and alignment with the 25 year Flood Action Plan
- A new “flood partnership” in Cumbria will be able to build on established and proven partnership working arrangements across the county
- Current and new Flood Action Groups will continue to have an important role