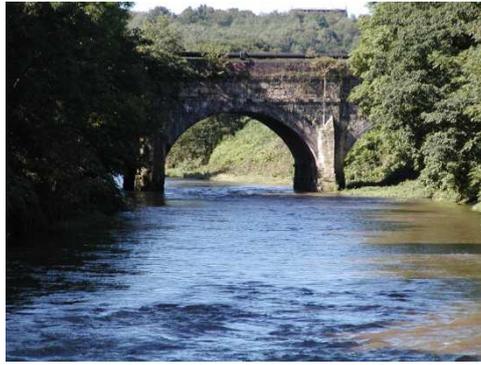


October 2015

Local Flood Risk Management Strategy 2015 Action Plan Update



1. Bury Local Flood Risk Management Strategy (LFRMS)

- 1.1 Bury Council is the Lead Local Flood Authority for the Borough. As part of this role, the Council is required to develop, maintain, apply and monitor the application of a strategy for local flood risk within the Borough.
- 1.2 The overarching aim of the Local Flood Risk Management Strategy (LFRMS) is to identify how the Council will manage and communicate the risks and consequences of flooding arising from surface runoff, groundwater and ordinary watercourses in Bury.
- 1.3 The Strategy and associated documents were adopted by the Council on the 2nd May 2014. It was agreed that the Strategy would be regularly reviewed and updated.
- 1.4 The full report and associated documents can be found on the Local Flood Risk Management Strategy pages of the Bury website at <http://www.bury.gov.uk/index.aspx?articleid=11001>

2. LFRMS Action Plan

- 2.1 The LFRMS includes an Action Plan, which highlights the key Strategy objectives and the associated actions required to achieve them.
- 2.2 The actions provide an overview of proposed flood risk management activities within the Borough. The Action Plan includes a number of potential flood alleviation schemes which require further investigation to assess their viability, schemes which have been submitted for government funding, schemes recommended within technical documents and potential improvement works.
- 2.3 It has been agreed that the Action Plan will be updated annually. Any new actions will be identified and included within the Plan. Existing actions will be updated where new information is available. Completed actions will remain within the Plan to ensure that a record is kept of all completed works.
- 2.4 A Red-Amber-Green assessment is used on all the actions to provide a simple visual identification of progress.

Table 1 – LFRMS Action Plan

Aim: To produce a strategy which demonstrates how Bury Council will work with individuals, the community and businesses to manage the risk of flooding and its impacts within the Borough.					
Objectives	Measures	Actions	Lead Organisation	Time-scales	Status
To gain a strategic understanding of flood risk from all sources in Bury	To gather clear information and understanding of the different types of flooding; their potential and impacts	Recording/mapping flood incidents	Bury Council (Lead Local Flood Authority – LLFA)	On-going	In progress
		Carry out flood investigations	Bury Council (LLFA)	On-going	In progress
		Assessment of flood risk locations in SFRA/SWMP	Bury Council (LLFA)	On-going	In progress
		Record drainage and flood assets	Bury Council (LLFA)	On-going	In progress
		Maintain a flood risk asset register	Bury Council (LLFA)	On-going	In progress
		Improve skills and knowledge of flood risk officers	Bury Council (LLFA)	On-going	In progress
To manage the likelihood of flooding within the Borough.	To identify an evidence based programme of works and maintenance regimes, which integrate flood management solutions with sustainable development and social and	Develop an affordable cyclical maintenance regime based on risk.	Bury Council (LLFA)	Updated timescale - 2016/2017	Not started
		Develop a responsive, reactive maintenance regime based on risk.	Bury Council (LLFA)	Updated timescale - 2016/2017	Not started
		Work with partners to identify schemes which will alleviate flood risk in the	Bury Council (LLFA) Environment Agency	On-going	In progress

	environmental benefits	future.	United Utilities		
To help Bury residents to manage their own risk	To provide clear information regarding local flood risk to local communities allowing them to make informed decisions for managing their own risk.	Publish and distribute information explaining responsibilities, local flood risk, property protection/resilience etc	Bury Council (LLFA) Environment Agency	On-going	In-progress
	To provide clear information about the roles and responsibilities of risk management authorities. Local communities will be encouraged to become engaged in the development of flood alleviation schemes, where they are appropriate.	Involve local communities in local initiatives and schemes	Bury Council (LLFA), Environment Agency, United Utilities	On-going	As required
		Improve and maintain the Council's flood risk management web pages	Bury Council (LLFA)	2012/2013	Completed
To ensure that new development in Bury reduces rather than increases flood	The Council and other risk management authorities within the Borough will	Develop and apply a robust local policy on flood risk management and drainage solutions	Bury Council (LLFA)	Updated timescale - 2016/2017	In progress

risk	be required to ensure that the principle of 'no new flood risk' is taken into account as part of new development and infrastructure, managing the effects of climate change and further reducing flood risk where possible.	on new development sites.			
		Develop a process with the Planning Department to create clear advice and direction to developers on flood risk management and drainage.	Bury Council (LLFA)	2013/2014	Updated status 2015 - In progress
		Establish the SuDS Approval Body (SAB)	Bury Council (LLFA)	2014/2015	Updated status 2015 - No longer required – SuDS are to be delivered via the planning system rather than the SAB (December 2014)
To take a sustainable approach to flood risk management within the Borough, which balances economic, environmental and social benefits with flood risk policies and programmes	The Council and other risk management authorities within the Borough will be required to adopt a sustainable approach to reducing local flood risk, seeking to lesson the risk of localised flooding using mechanisms that	Undertake a Strategic Environmental Assessment, Habitats Regulations Assessment and Water Framework Directive Compliance check of the LFRMS	Bury Council (LLFA)	2013/2014	Completed
		Work with the Environment Agency and Natural England to embed policies from River Basin Management Plans,	Bury Council (LLFA)	On-going	In progress

	are economically viable, deliver wider environmental benefits and promote the well being of local people.	local environmental policies and designated protected sites info FRM procedures and programmes			
		Encourage natural flood risk management	Bury Council (LLFA)	On-going	In progress
		Seek to provide additional blue and green infrastructure	Bury Council (LLFA)	On-going	In progress
To improve flood preparation, warning and post flood recovery.	To spread the knowledge of flood risk within the Borough to ensure that emergency responders better understand the nature of local flood risk and can use the information to improve preparedness for flood events. The Council will undertake investigations into flood events where it is necessary to understand the	Publish and distribute information explaining responsibilities, local flood risk, property protection/resilience.	Bury Council (LLFA) Environment Agency	On-going	In-progress
		Involve local communities in local initiative and schemes	Bury Council (LLFA) Environment Agency Private Developers/Land owners	On-going	As-required

	cause of flooding. Communities and individuals will be supported to take part in preparing for flood events, forming local action groups and planning for future flood risks.				
To endeavour to direct flood risk funding to areas most at need or where solutions will be most effective.	Local flood risk information will be used to bid for funding for flood risk management projects and ensure that resources are directed to areas where it will be most effective.	Continue to bid for relevant funding as and when the opportunity arises, to support future projects and flood alleviation schemes.	Bury Council (LLFA) Environment Agency	On-going	In-progress
		Ensure Community Infrastructure Plans and Transport Infrastructure Plans are influenced by this strategy and that developer funding is sought where considered appropriate and necessary.	Bury Council (LLFA)	On-going	In-progress

Table 2 – LFRMS - Programme of Schemes 2015/16

Scheme	Lead Risk Management Authority	Funding Source	Project Summary	Timescales	Status
Moor Road, Ramsbottom	Bury Council	Various	Catch pit and gullies at car park	2013/2014	Completed
Whitelow Brow & 119 Manchester Road, Ramsbottom	Bury Council	Various	Possible upgrade of drainage and/or PLP	2014/2015	Updated status 2015 - Investigations completed. Costs prohibitive for full solution.
Old Kays Park, Greenmount	Bury Council	Unknown	Increase capacity under carriageway	On-going	In progress
Holly Mount Lane, Greenmount	Bury Council	Unknown	Increase capacity under carriageway	Unknown	Not Started
Old Oak Cottages, Ramsbottom	Bury Council	Unknown	Possible culvert upgrade or diversion	Unknown	Not Started
Dungeon Pub, Harwood Road, Tottington	Bury Council	Unknown	Increase culvert capacity	On-going	Updated status 2015 - Monitoring underway. Silt removed downstream.
Turton Road, Tottington	Bury Council	Unknown	New highway drainage system	Unknown	Not started
Watling Street, Affetside	Bury Council	Unknown	New drainage system	On-going	Feasibility in progress
Bradshaw Road, Tottington	Bury Council	Unknown	System replacement required	Unknown	Not Started

Scheme	Lead Risk Management Authority	Funding Source	Project Summary	Timescales	Status
Scobell Street/Sycamore Road, Tottington	Bury Council	Unknown	Upgrade culvert in carriageway	Unknown	Not Started
Moorside Road, Tottington	Bury Council	Unknown	Clear culvert at rear of properties	Unknown	Not Started
A58 Culverts	Bury Council	Unknown	Replace 2 culverts	Unknown	Not Started
New action 2015 - St Andrews Road Culvert, Radcliffe	Bury Council	Bridge strengthening	Silt removal from culvert and open channel, culvert extension, screen removal.	On-site by March 2016	Design underway
Investigations					
Spring Vale /Vernon Drive, Prestwich	Bury Council	Unknown	A number of culvert related flooding issues which may be linked. Further investigation required	On-going	In Progress - investigations with UU
Openshaw Fold, Radcliffe	Bury Council	Unknown	Up to 4 properties affected by flooding. Further investigation required.	Unknown	Not Started
Rippon Close, Radcliffe	Bury Council	Unknown	Flooding linked to canal feeder. Further investigation required	Unknown	Not Started
Stirling Close,	Bury Council	Unknown	Property flooding -	Unknown	Not Started

Scheme	Lead Risk Management Authority	Funding Source	Project Summary	Timescales	Status
Whitefield			further investigation required		
Fern Grove, Bury	Bury Council	Unknown	Flooding of carriageway due to culvert issue – further investigation required.	Unknown	Not Started
Kenilworth Avenue, Whitefield	Bury Council	Unknown	Flooding affecting 3 properties – further investigation required	On-going	Updated status 2015 - Possible link to motorway drain under investigation in conjunction with Balfour Beattie.
New action 2015 - Laburnum Drive, Unsworth	Bury Council	Unknown	Private culvert through gardens with limited access to determine route	On-going	Council means of investigation exhausted. Possible programme of self-help
New action 2015 - Harwood Road	Bury Council	Unknown	Private culvert damaged leading to flooding of the highway. Route unknown	On-going	Investigations underway
Environment Agency Schemes					

Scheme	Lead Risk Management Authority	Funding Source	Project Summary	Timescales	Status
Stubbins and Ramsbottom Flood Management Scheme	Environment Agency	FDGIA funding 2012/2013		2012-2014	Completed
Bury South Flood Management Scheme	Environment Agency	Part FDGIA funding 2015/2016 Match funding – unknown		2015-2021	Project appraisal in progress
United Utilities Schemes					
Radcliffe UIDs – BRY0128	United Utilities	AMP5	Powered mechanical screen on combined sewer overflow to screen spill flow up to 1 in 5 year storm intensity	2013-2014	Updated status 2015 - Completed
Ainsworth Road/Water Street	United Utilities	AMP5	Screening of spills from combined sewer overflow up to 1 in 5 year storm intensity. Provision of storage on sewer network. Upgrade of CSO. Possible partnership working with Bury Council and EA	On-hold	Updated status 2015 - Grant in Aid contribution approved and detailed design started. Escalation of costs has led to re-examination of options by UU. Currently on hold

Scheme	Lead Risk Management Authority	Funding Source	Project Summary	Timescales	Status
Clifton PS SAL0148 Croal UID	United Utilities	AMP5	Construction of new off-line storage tank at Clifton Pumping Station	2013-2014	Options Appraisal
Radcliffe UIDs – BRY0033	United Utilities	AMP5	Static screen and new outfall	2013	Complete
Radcliffe UIDs – BRY0026	United Utilities	AMP5	New storage tank and static screen on combined sewer overflow. New pumping station with duty/standby pumps	2013	Complete
Ogden Street DG5 – Prestwich	United Utilities	AMP5	New storage tank. Removing properties from the DG5 at risk register to alleviate flooding caused by hydraulic inadequacy	2015	Updated status 2015 - Complete

Note: A number of measures and potential projects are indicated as 'not yet started' and funding 'unknown' at the present time. This is inevitable at the outset of a new Strategy as the implementation and funding of some of the new proposals may not be clear at this stage as they involve funding sources that are not yet confirmed or they involve sections of the Act not yet implemented.