

Bristol Avon Catchment Flood Management Plan – Revised Action Plan

Policy Unit E – Bristol

Policy 5 – Areas of moderate to high flood risk where we can generally take further action to reduce flood risk

Year Added/ Amended	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead first)	Timescale	Priority
2011	Carry out a study to determine the combined fluvial / tidal flood risk to Bristol from the tide, the River Avon and the Bristol Frome in order to reduce uncertainty relating to the level of risk this poses. This information will then be used to inform and further develop our flood risk management strategy for Bristol.	PE1 PE2 ECON1 ECON2	Combined fluvial / tidal study is completed.	Annual probability / numbers of properties at risk and depth and extent of flooding are clearly understood for a combined fluvial / tidal flood event.	Bristol City Council Environment Agency	0-2 years	Medium
2009	We will identify if there are other specific areas where tide-locking of tributaries (for example the Malago Stream flowing into the River Avon from the South) are causing flooding problems, and look at ways of mitigating this risk.	ECON1	Any other areas where tide-locking is an issue are clearly and systematically identified and none are missed.	All areas are identified enabling proposals to be drawn up as to how to solve the problem where it occurs.	Environment Agency Bristol City Council	2-5 years	Medium
2011	Carry out integrated urban drainage studies to identify current and future risks, and propose mitigation.	PE1 PE3 ECON1 ECON2	Average annual damages	Reduction in average annual damages	Bristol City Council Environment Agency Wessex Water	5-10 years	Low
2009	We will investigate the benefits of improved flood forecasting and flood warning using improved meteorological technology.	PE1 PE3 ECON1 ECON2	Accuracy of flood warnings. Average annual damage.	Flood damages and risk to the public safety reduces as a result of improved flood warnings. Reduction in average annual damages.	Environment Agency Met Office BANES Council	10-15 years	Low

Policy Unit G – Wootton Bassett & Dauntsey

Policy 3 – Areas of low to moderate flood risk where we are generally managing existing flood risk effectively

Year Added/ Amended	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead underlined)	Timescale	Priority
2011	Undertake integrated urban drainage studies, in particular for main line rail and M4 flood risks, and implement any recommended improvements.	ECON2	Annual average damage	Reduction in annual average damages	Wiltshire Council Environment Agency North Wilts DC Highways Agency Network Rail	5-10 years	Low
2009	Through the development of a System Asset Management Plan, study the cost-efficiency of existing channel maintenance in relation to Dauntsey Green, and implement any recommended improvements	ECON2	Annual average damages	Reduction in annual average damages	Environment Agency	0-5 years	Medium

Policy Unit M – Corsham

Policy 4 – Areas of low, moderate or high flood risk where we are already managing the flood risk effectively but where we may need to take further actions to keep pace with climate change

Year Added/ Amended	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead underlined)	Timescale	Priority
2009	We will develop a prioritised programme of strategies for maintaining the level of risk in Corsham into the future. This to include improvements to channels, culverts and their screening and storage through development opportunities.	PE1 ECON1 ECON2	Average annual damage.	No increase in average annual damage	Environment Agency North Wilts Council	3-8 years	Medium

Year Added/ Amended	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead underlined)	Timescale	Priority
2011	Undertake integrated urban drainage studies, in particular for main line rail flood risks, and implement any recommended improvements.	ECON2	Average annual damage.	No increase in average annual damage	<u>Wiltshire Council</u> Environment Agency North Wilts DC Network Rail	5-10 years	Low
2009	We will reinforce contingency planning and self-help, increase awareness of risk and response to flood warnings, and discourage inappropriate development.	PE1 PE2 PE3	Annual average damages	No increase in annual average damages	<u>Environment Agency</u> N Wilts DC	0-5 years	Medium

Schedule of Change

CFMPs remain live documents. As such, our understanding of risk and the actions (measures) to manage these risks are liable to change. Since the publication of the Bristol Avon CFMP in December 2009 a number of changes have taken place. Below is a summary of changes to the actions (measures) since its publication in 2009.

Policy Location	Action	Comment	Change	Date of change
<u>2011</u>	<p>Following the introduction of the Flood Risk Regulations (2009) and the Flood and Water Management Act (2010) the roles and responsibilities of flood risk management authorities has changed.</p> <p>As well as this, a framework for implementation has been developed which has altered our approach to annual monitoring. As such, a whole scale review of actions (measures) within the South West has been undertaken to ensure CFMPs adequately reflect these important pieces of legislation.</p> <p>Changes to this action plan include:-</p> <ul style="list-style-type: none"> • Amendment to four actions • Inclusion of a schedule of change 			

Policy Location	Action	Comment	Change	Date of change
Bristol,	We will carry out a study to determine the combined fluvial / tidal flood risk to Bristol from the tide, the River Avon and the Bristol Frome in order to reduce uncertainty relating to the level of risk this poses. This information will then be used to inform and further develop our flood risk management strategy for Bristol.	Bristol City Council leading & EA facilitating funding.	Delete "We will" Lead Organisation changed to Bristol City Council from Environment Agency	September 2011
Bristol,	Carry out integrated urban drainage studies to identify current and future risks, and propose mitigation.	Bristol City Council are LLFA	Set Lead organisation as Bristol City Council	September 2011
Wootton Bassett & Dauntsey	Undertake integrated urban drainage studies, in particular for main line rail and M4 flood risks, and implement any recommended improvements.	Wiltshire Council are LLFA	Set Lead organisation as Wiltshire Council	September 2011
Corsham,	Undertake integrated urban drainage studies, in particular for main line rail flood risks, and implement any recommended improvements.	Wilts UA to lead with EA support	Lead Organisation changed to Wiltshire Council	September 2011