



Action plan - August 2015

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Introduction

The action plan highlights the key objectives of this Strategy and associated actions to achieve them. It also draws out previously identified actions within flood and water technical documents related to Leicestershire, set out in Appendix 4: Flood & Water Related Studies and Strategies, which have not yet been implemented.

For each of the actions the aim, timescales for completion, costs and potential funding sources are provided where this information is available. Any partners identified to support the delivery of the actions are outlined. The general approach to funding is set out in Objective 6: Economically Sustainable Approach of the LFRMS.

The action plan also identifies a summary of potential flood alleviation schemes. Most require further investigation to assess their viability, but have been compiled from information drawn from a number of different sources including: schemes recommended within technical documents listed in Appendix 4 of the LFRMS Document and potential improvement and repair works identified by Leicestershire Flood Team, Leicestershire Highways, Borough/District Councils, Environment Agency, Water Companies and as applicable to other relevant bodies.

Numerous actions have been identified which are county-wide. Where resources are limited, these actions will generally be undertaken firstly in those Priority Areas that are identified in Section 6: Assessment of Local Flood Risk in Leicestershire.

This action plan will be reviewed and updated on an annual basis.

Table 8-1: Action Plan

Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
<p>Objective 1 – Work Collaboratively Adopt a collaborative approach to managing local flood risk by working with local partners and stakeholders to identify, secure and optimise resources, expertise and opportunities for reducing flood risk and increasing resilience to flooding</p>						
<p>The LLFA will continue to promote partnership working</p>	<p>Maintain communication between all partners and stakeholders.</p>	<p>In line with Leicestershire Flood Management Partnership meetings</p>	<p>N/A</p>	<p>N/A</p>	<p>LCC, EA, LAs, WCs, Trent Valley Internal Drainage Board (TVIDB), Highways Agency (HA)</p>	<p>LLFA</p>
<p>The LLFA will create a flood information sheet for council staff in each of the call centres to enable advice to be given to the public in a flood event</p>	<p>To ensure the appropriate information is recorded correctly and is saved on a database.</p>	<p>This has been completed but will be updated as and when required</p>	<p>N/A</p>	<p>N/A</p>	<p>LCC, LAs, EA, WCs</p>	<p>LLFA</p>
<p>The LLFA will investigate flooding incidents in accordance with Flood & Water Management Act (2010)</p>	<p>Undertake formal investigations of flood incidents in accordance with the agreed thresholds within pre-set timescales.</p>	<p>Investigations have been completed and are on the LCC website, however this is an ongoing activity</p>	<p>Approx £10k per annum – LCC to confirm</p>	<p>N/A</p>	<p>LCC, EA, LAs, WCs, HA</p>	<p>LLFA</p>
<p>The LLFA will continue to secure and optimise resources.</p>	<p>To prepare and submit funding applications to RFCC (Local Levy) and EA (FDGiA)</p>	<p>This is carried out annually</p>	<p>N/A</p>	<p>N/A</p>	<p>LCC</p>	<p>LLFA</p>

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
Objective 2 – Improve Understanding and Awareness						
Develop a greater understanding of local flood risk by improving the scope of local knowledge and understanding of current and future local flood risks						
Lead Local Flood Authority Actions						
Develop a Geographic Information System (GIS) tool for the LLFA	To build upon and further improve the GIS tools already being used to manage flood risk information	In conjunction with corporate and departmental developments	N/A	N/A	LCC, LAs	LLFA
To gain a better understanding of surface water flooding mechanisms and the identification of Critical Drainage Areas	LLFA to carry out a Surface Water Management Plan (SWMP)/ Integrated Modelling for High Priority Areas identified in the SFRA's	2014-2019	£75k	LCC, LAs, FDGiA, Local Levy	LAs, LCC, EA, WCs, local residents and riparian owners	LLFA, Leicestershire PFRA, SFRAs
Develop and implement actions in highest priority wards.	Review of flooding hotspots and investigation into the cause of historic flooding along with the assessment of suitable flood mitigation schemes; Designation of those assets which have a significant flood defence function.	Initial identification of hotspots has been completed but additional sites will be identified.	N/A	N/A	LCC, EA, LAs, WCs, HA	LLFA
Assist development control / management planning decisions	Inform Planners of those areas vulnerable to surface water flooding identified in the relevant SWMPs undertaken by the Borough/District Councils	This will be done upon completion of SWMPs	N/A	N/A	LCC and LAs	SFRAs, SWMPs
FDGiA Schemes – Applications	<ul style="list-style-type: none"> 1) Broughton Astley - De-culverting a watercourse in Broughton Astley to improve channel capacity 2) Diseworth/Long Whatton - Provide property level protection to properties to protect them from flooding incidents and undertake improvements to the Long 	1) 2018/ 2019 2) 2015/2016 3) 2014-2017 4) 2016-2018 5) 2019/2020	1) £50'000 2) £120'000 3) £285'000 4) £55'000 5) £170'000	FDGiA, Local Levy,	District Borough Council Planning Units, LCC, EA, WCs, local	FDGiA Submission

Table 8-1: Action Plan

Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
	Whatton & Diseworth Brook to reduce the severity of flooding <ul style="list-style-type: none"> • 3) Market Harborough - Provide property level protection to properties to protect them from flooding incidents • 4) Scraftoft - Improve the channel capacity of the Scraftoft Brook and undertake works to improve the nature reserve • 5) Swithland - Improve the channel capacity of the Scraftoft Brook and replace an existing highway culvert 				residents and riparian owners	
Environment Agency - Proposed Actions						
The Environment Agency to provide flood warning activities.	The EA to continue with flood warning activities and improvements, as an important measure to increase resilience.	Facilities are in place to receive this information	N/A	N/A	EA, LCC, LAs	EA, CFMPs
To coordinate works programmes across the region.	The Environment Agency to provide LLFA with their regional annual schemes programme.	To be provided annually				
To reduce flood risk in known and identified locations.	Environment Agency will; <ul style="list-style-type: none"> • Undertake regular inspections of outfalls identified as critical by SWMP, WCs, and LA's. • Carry out investigations into the maintenance and clearance of surface water outfalls as identified in the SWMP • Provide LLFA with historic (watercourse & asset) information and modelling data where available. 	EA to provide details	N/A	FDGiA, LCC, EA, LAs, WC's, Partnerships	LCC, EA, LAs, WCs	

Table 8-1: Action Plan						
Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
Water Companies - Proposed Actions						
To reduce flood risk in known and identified locations	Water Companies will; <ul style="list-style-type: none"> Undertake regular inspections of outfalls identified as critical by SWMP, EA and LA's. Carry out investigations into the maintenance and clearance of surface water outfalls as identified in the SWMP. Provide LLFA with historic (watercourse & asset) information and modelling data where available. 	Water companies to provide details	N/A	FDGiA, LCC, EA, LAs, WC's, Partnerships	LCC, EA, LAs, WCs	
To reduce flood risk in known and identified locations.	Water companies to provide LLFA with their regional annual schemes programme.	To be provided annually				
General Borough/ District Council Actions						
District/Borough Councils to undertake record keeping of flood events	District/Borough Councils to record Flood Incidents in accordance with LLFA guidance produced in the Leicestershire Local Flood Risk Management Strategy (LFRMS).	Jan 2016	N/A	N/A	LCC, EA, LLRF, LAs, HA, WCs	LFRMS
District/Borough Councils to update their Strategic Flood Risk Assessments (SFRA)	Should aim to be undertaken prior to Local Development Framework (LDF) such that the SFRA can inform the LDF. The SFRA should look to review existing Flooding Issues within the District/Borough and identify Watercourse Modelling, Flood Alleviation and Flood Improvement Schemes. Review and update to latest available information	April 2016	TBC	LCC, LAs, FDGiA, Local Levy	LCC, Las, EA, WCs, local residents and riparian owners	Leicestershire PFRA, SFRAs
District/Borough Councils to gain a better understanding of surface water	District/Borough Councils to undertake Integrated Urban Drainage Study, based on high priority locations identified by the SFRAs/ SWMPs	2014-2019	£75k - TBC	LCC, LAs, FDGiA, Local Levy	LCC, LAs, EA, WCs, local residents	Leicestershire PFRA, SFRAs, SWMPs

Table 8-1: Action Plan						
Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
flooding mechanisms and the identification of Critical Drainage Areas					and riparian owners	
Blaby District Council - Proposed Actions						
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	BDC, LCC, FDGiA, Local Levy, Developer Funding	BDC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	BDC SFRA
Blaby District Council to develop a programme of attenuation Schemes	BDC to undertake feasibility study into attenuation schemes located on the Soar Brook	BDC to advise	BDC to advise	BDC, LCC, FDGiA, Local Levy, Developer Funding	BDC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	BDC SFRA
Blaby District Council to undertake drainage feasibility studies into Main Street, Cosby	Undertake feasibility studies to alleviate access problems to Main Street as a result of flooding to ensure safe access can be maintained	BDC to advise	BDC to advise	BDC, LCC, FDGiA, Local Levy, Developer Funding	BDC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	BDC, SFRA
Charnwood Borough Council - Proposed Actions						
Charnwood Borough Council to assess the implications of the	The council will need to review the significant flood risk constraints of new infrastructure required for the SUE development. These need to be included when	During SUE consultation period	CBC to advise	CBC, LCC, FDGiA, Local Levy,	CBC, LCC, EA, WCs, Local	CBC SFRA

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
Sustainable Urban Extension projects	comparing the potential SUE's through the sequential approach.			Developer Funding	Residents and Riparian Owners	
Charnwood Borough Council to assess the implications of the Service Centre Developments	The council will need to review the significant flood risk constraints of new infrastructure and developments.	During consultation period	CBC to advise	CBC, LCC, FDGiA, Local Levy, Developer Funding	CBC, LCC, EA, WCs, Local Residents and Riparian Owners	CBC SFRA
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	CBC, LCC, FDGiA, Local Levy, Developer Funding	CBC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	CBC SFRA
Harborough District Council – Proposed Actions						
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	HDC, LCC, FDGiA, Local Levy, Developer Funding	HDC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	HDC SFRA
Harborough District Council to undertake modelling work on Storage reservoirs	Harborough District Council to review flood storage reservoirs for existing condition, capacity and identify future capacity/improvement works.	HDC to advise	HDC to advise	HDC, LCC, FDGiA, Local Levy, Developer Funding	HDC, LCC, EA, WCs, Developers, Local Residents and	HDC SFRA

Table 8-1: Action Plan						
Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
					Riparian Owners	
Hinckley & Bosworth Borough Council – Proposed Actions						
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	H & B BC, LCC, FDGiA, Local Levy, Developer Funding	H & B BC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	H & B BC SFRA
Hinckley & Bosworth Borough Council to undertake feasibility study for Attenuation Schemes	Undertake feasibility study into existing attenuation schemes located on the Sketchley Brook and the Battling Brook/ Harrow Brook to review current usage, design standard and identify future benefits.	Subject to redevelopment of land within the Hinckley and Burbage Catchment	H&BBC to advise	H&B BC, LCC, FDGiA, Local Levy, Developer Funding	H & B BC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	H & B BC SFRA
Hinckley & Bosworth Borough Council to undertake Integrated Urban Drainage model for potential strategic flood measures	Undertake modelling of the Hinckley & Burbage catchments for developing flood mitigation measures to the Sketchley Brook. The section of culverted watercourse through the Sketchley Works to be modelled so it could be reverted to open channel	Subject to redevelopment of land within the Hinckley and Burbage Catchment	H&BBC to advise	H&B BC, LCC, FDGiA, Local Levy, Developer Funding	H & B BC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	H & B BC SFRA
Hinckley & Bosworth Borough Council to review surface water drainage if the	Review surface water drainage improvements to the waterway at Hinckley Road and Mill Street Barwell which has been subject to severe and frequent flooding.	Subject to redevelopment of land to form urban	H&BBC to advise	H&B BC, LCC, FDGiA, Local Levy, Developer	H & B BC, LCC, EA, WCs, Developers,	H & B BC SFRA

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
Hinckley Urban Extension between Hinckley and Barwell is progressed		extension between Hinckley and Barwell		Funding	Local Residents and Riparian Owners	
Hinckley & Bosworth Borough Council to undertake Integrated Urban Drainage model for Barwell	Undertake modelling of urban drainage system in Barwell as this contributes to flooding occurring on land adjacent to the Tweed River.	Subject to redevelopment of land within the Hinckley and Burbage Catchment	H&BBC to advise	H&B BC, LCC, FDGiA, Local Levy, Developer Funding	H & B BC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	H & B BC SFRA
Melton Borough District Council						
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	M BDC, LCC, FDGiA, Local Levy, Developer Funding	M BDC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	M BDC SFRA
Melton Borough District Council to undertake feasibility study for Attenuation Schemes/ Improvement Works	MBDC to undertake feasibility studies into options for the River Wreake including reviewing the operating regime of the Melton Mowbray Flood Alleviation scheme at Brentingbury to increase storage and attenuation; Claxton Rise-Long Clawson Feasibility study for Culvert improvements; identify and improve critical culverts within ordinary watercourses; Thorpe Brook Flood Alleviation Scheme; Kettleby Magna-Kettleby and Edendale Brooks	Timescale will depend upon the scope of the study.	Costs will depend upon the scope of the study.	M BDC, LCC, FDGiA, Local Levy, Developer Funding	M BDC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	M BDC SFRA

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
	Attenuation and surface water routing around the south-west of Melton Mowbray directly into the Wreake; Feasibility of Improvements to existing attenuation/ Flood Defence schemes located at Asfordby, Brentingby, Scalford Dam and Frisby Balancing Lakes					
North West Leicestershire District Council						
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	NWL DC, LCC, FDGiA, Local Levy, Developer Funding	NWL DC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	NWL DC SFRA
Review the feasibility of raising existing flood defences to 1% Annual Exceedance Probability (AEP). As per the SFRA, only flood defences with greater than a 10 Year Standard of Protection have been included	In accordance with the NWL DC SFRA, review the following flood defences:- <ol style="list-style-type: none"> 1. Railway embankment Downstream of the City of Three Waters, Grace Dieu Brook (243m). 2. Embankment D/s of Coverdale (83m) 3. Raised wall. Coverdale (27m) 	Time scales have yet to be determined.	Estimated cost for the following (based on cost of raising the standard of protection has been calculated based on the Unit Cost Database for flood embankment <ol style="list-style-type: none"> 1. £250k 2. £100k 	NWL DC, LCC, FDGiA, Local Levy, Developer Funding	NWL DC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	NWL DC SFRA

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
			3. £250k			
For NWLDC to review flood storage scheme for Packington	Review implications of creating approximately 40'000m ³ flood storage area for Packington upstream of the A42 in the Nook Farm area and downstream of the A42 in the rural area before the Gilwiskaw Beck reaches Packington.	NWLDC to provide timeframe	NWLDC to provide costs	NWL DC, LCC, FDGiA, Local Levy, Developer Funding	NWL DC, LCC, EA, WCs, Developers, Local Residents	NWL DC SFRA
Oadby & Wigston Borough Council						
Modelling of identified Ordinary Watercourses to provide essential data to inform flood risk mitigation actions	Organise and procure models (including determining the hydrograph for the watercourse) for those ordinary watercourses with an identified flood risk.	Timescale will depend upon the scope of the modelling	Costs will depend upon the scope of the modelling	O & W BC, LCC, FDGiA, Local Levy, Developer Funding	O & W BC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	O & W BC SFRA
Oadby & Wigston Borough Council to undertake modelling of attenuation pond to north east of Oadby	Model of requirements for the attenuation pond to the Wash Brook (North East of Oadby) due to alterations which may have compromised functionality and level of protection	OWBC have yet to confirm when this action is to be carried out	OWBC to provide costs	O & W BC, LCC, FDGiA, Local Levy, Developer Funding	O & W BC, LCC, EA, WCs, Developers, Local Residents and Riparian Owners	O & W BC SFRA
Objective 3 – Enhance the Natural and Historic Environment						
Adopt a sustainable approach to reducing local flood risk, seeking to lessen the risk of localised flooding using mechanisms that are economically viable, deliver wider environmental benefits and promote the wellbeing of local people						
The Lead Local Flood Authority to continue to inform new and update development	Ensure planning officers are aware of on-going changes in national and local policy. Ensure lines of communication and roles & responsibilities are clear. Inform planning officers of the outputs of this	As and when new development plans/ policies	N/A	N/A	LCC, EA, LAs	LLFA

Table 8-1: Action Plan						
Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
plan/ policies	Strategy.	are produced				
The Lead Local Flood Authority to assess the potential impact of flooding on designated environmental sites	Working in partnership to assess the potential positive, negative and neutral impacts of flooding on designated environmental sites, improve understanding of flood risk and to inform updates of the prioritisation assessment.	This is an ongoing action for the LLFA flood risk team.	£7.5k	LCC	LCC, EA, LAs	LLFA
The Lead Local Flood Authority to assess the potential impact of flooding on designated heritage sites	Working in partnership to assess the potential positive, negative and neutral impacts of flooding on designated heritage sites, improve understanding of flood risk and to inform updates of the prioritisation assessment.	This is an ongoing action for the LLFA flood risk team.	N/A	N/A	LCC, English Heritage, LAs	LLFA
The Lead Local Flood Authority to continue to promote the environmental actions outlined in Objective 3	Promote environmental actions including: <ul style="list-style-type: none"> • de-culverting, • natural flood risk management, • blue/green infrastructure, • Increased tree cover, • Catchment sensitive farming 	This is an ongoing action for the LLFA flood risk team.	N/A	N/A	LCC, EA, LAs, WCs, Natural England, IDBs, Wildlife Trusts, Highways Agency	LLFA
Identify opportunities where existing water level control structures can be removed to improve fish passage and improve aquatic habitats.	Investigate potential for removal of structures and changes in land use in accordance with Catchment Flood Management Plans (To be determined)	Not yet determined	Not yet determined	Not yet determined	Not yet determined	LLFA, CFMP, EA
Objective 4 – Improve Resilience						
Reduce the harmful consequences of local flooding to communities and human health through proactive actions, activities and education programmes that enhance preparedness and resilience to local flood risk, and contribute to minimising community disruption						
To disseminate outputs of any SWMPs to the Local Resilience Forum	LLFA will review and update the Local Resilience Forum Multi Agency Flood Plan to reflect the findings of this Strategy and any completed Surface Water Management Plans	As and when completed	N/A	N/A	LCC, LRF, LAs, EA	LLFA, SWMPs, MAFP

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
(LRF).						
<p>To develop a community flood toolkit for local communities. The project's approach will be to help communities to understand their flood risk and enable them to work out local resilience solutions.</p> <p>The tools and guidance to be available to other communities through a web portal.</p>	<p>The Lead Local Flood Authority to undertake a pilot project to develop community flood resilience</p>	<p>March 2016</p>	<p>£300k</p>	<p>DEFRA grants, LCC, LAs, WCs</p>	<p>LCC, EA, LAs, WCs, Parish Councils, Communities</p>	<p>LLFA</p>
<p>Link different systems together, which already exist, to monitor 'real time' flooding incidents and enable the relevant bodies to respond.</p>	<p>The Lead Local Flood Authority will explore remote flood Warning monitoring systems</p>	<p>Spring 2016</p>	<p>£25k</p>	<p>Partnership</p>	<p>NCC,EA, LAs</p>	<p>LLFA</p>
<p>Provide advice regarding flood attenuation measures for Sustainable Urban Extension (SUE)</p>	<p>Identify measures required mitigating the impacts of the proposed development at the SUE. Scheme to be assessed by developer and details to be provided and reviewed as part of the planning process.</p>	<p>Related to growth plans</p>	<p>To be determined</p>	<p>Developer, potential SAB (maintenance)</p>	<p>EA, LCC, LAs, WCs, Developers, Land Owners</p>	<p>SFRAs, SWMP/ IUD, Site SpecificFRA's</p>

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
Objective 5 – Encourage Sustainable Development						
Minimise the increase in local flood risk that may arise from new development by producing guidance, setting standards, promoting the sustainable use of water and supporting the development of local policies and guidance, discouraging wherever possible surface water runoff in new and future developments and where possible influencing or supporting developments that seek to reduce existing flood risk						
The Lead Local Flood Authority to carry out duties as required as a statutory consultee in the planning process.	Leicestershire County Council has commenced its role as a statutory consultee and are in the process of producing a SuDS guidance document for developers and LPA's which we suggest LPAs consider adopting as a supplementary planning document.	Implementation in line with DEFRA timescales (Spring 2015)	Costs covered by application process and maintenance covered by DEFRA.	Applicants, DEFRA, LCC	LCC, LAs, EA, WCs, IDB	LLFA
The Lead Local Flood Authority to develop guidance in relation to Groundwater Flooding	Working in partnership to produce a document setting out: what constitutes groundwater flooding, areas susceptible to groundwater flooding in Leicestershire, and potential mitigation measures.	Spring 2016	N/A	N/A	LCC, LAs, EA, WCs, IDB, British Geological Survey	LLFA
Objective 6 – Use Resources Effectively						
Ensure the financial viability of flood related schemes through the development of appropriate policies and assessment tools to ensure that flood risk management measures provide value for money whilst minimising the long-term revenue costs. Seeking to use natural processes where possible or source the costs of any maintenance from the financial beneficiaries of the development.						
To maintain and where possible improve funding arrangements	LLFA to continue to develop and establish short and long term funding arrangements to deliver the requirements of the Flood and Water Management Act.	This is an ongoing action for the LLFA flood risk team.	To be determined	To be determined	LCC, IDB, LAs, WCs, EA	LLFA
To develop and submit robust future funding bids.	LLFA to continue to bid for relevant funding as and when the opportunity arises, to support future projects and flood alleviation schemes i.e. Flood Defence Grant in Aid funding.	Bids for funding will be prepared and submitted annually	To be determined	FDGiA	LCC, IDB, LAs, WCs, EA	LLFA

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Aim	Action	Time Scale	Estimated Cost	Potential Funding Source	Partners	Source of Information
To effectively influence funding arrangements.	LLFA to ensure Infrastructure Development Plans, Community Infrastructure Strategies and Transport Infrastructure Plans are influenced by this Strategy and that developer funding is sought where considered appropriate and necessary.	No set timescale, this is an ongoing action for the LLFA flood risk team and will be done through various working groups i.e. MSIG, RFCC	To be determined	To be determined	LCC, IDB, LAs, WCs, EA	LLFA
<p>Objective 7 – Promote Riparian Responsibilities Encourage flood management activities by private owners of ordinary watercourses and flood defence structures as well as limit the development of constrictions on ordinary watercourses</p>						
To actively encourage Flood Risk Management activities by Riparian owners	LLFA will inform Riparian owners of their roles and responsibilities and assist them where required. Flood risk management authorities will also use their permissive powers to reduce flood risk as appropriate.	This is an ongoing action for the LLFA flood risk team, however opportunities will be taken by placing information on LCC website, distributing leaflets, parish newsletters, highway forums.	N/A	N/A	LCC, LAs, EA, WCs, IDB	LLFA