



Sponsor: Strategic Director for Communities & Place

Author: Acting Team Leader Drainage and Flood Risk Management

Humber River Basin Flood Risk Management Plan

Purpose

- 1.1 The Flood Risk Regulations 2009 require Derby City Council, as the Lead Local Flood Authority (LLFA) for the Derby Flood Risk Area (FRA), to prepare a Flood Risk Management Plan.
- 1.2 The Environment Agency has been working with LLFAs from across the Humber River Basin catchment on the development of joint draft Flood Risk Management Plans. These collectively form the draft Humber FRMP 2021-2027 and cover a range of flood risk management measures to mitigate flood risk.
- 1.3 This report seeks approval of the draft Humber Flood Risk Management Plan (FRMP) 2021-2027, specifically those measures within the wider plan that constitute the required Flood Risk Management Plan for the Derby Flood Risk Area (set out at 4.7).

Recommendations

- 2.1 To approve the draft Humber River Basin Flood Risk Management Plan, specifically those measures relating to Derby's Flood Risk Area as set out in 4.7.
- 2.2 To delegate responsibility for signing the Lead local Flood Authority (LLFA) Approval Form, which provides formal approval for the Environment Agency to publish the final Humber Flood Risk Management Plan, to the Strategic Director for Communities and Place in consultation with the Cabinet Member for Regeneration, Decarbonisation and Strategic Planning.

Reasons

- 3.1 To ensure Derby City Council complies with its statutory duties under the Flood Risk Regulations 2009 and the requirements of the Environment Agency for Derby's formal acceptance of the Humber FRMP.

Supporting information

- 4.1 Derby was designated a Flood Risk Area (FRA) following the review of the first cycle preliminary flood risk assessments in 2017/18. This is covered by two separate FRAs for surface water and fluvial (river) flooding; Derby Surface Water Flood Risk Area and the Derby Rivers and Sea Flood Risk Area respectively.
- 4.2 The Flood Risk Regulations 2009 require Derby City Council, as the Lead Local Flood Authority (LLFA) for the Derby FRA, to prepare a Flood Risk Management Plan (FRMP).

- 4.3 The Environment Agency has worked with the LLFAs from across the Humber River Basin catchment on the development of joint draft Flood Risk Management Plans. These collectively form the draft Humber River Basin FRMP and cover a range of flood risk management measures that inform the public on what actions will be taken by the various LLFAs to manage and mitigate flood risk in the period 2021-2027.
- 4.4 Contributing to the greater Humber area plan rather than creating a stand-alone plan, provides significant benefits for Derby. The co-ordination and leadership of the Environment Agency increases:
- collaboration and partnership to increase flood resilience
 - plan alignment across LLFA boundaries
 - shared knowledge and skills
 - efficient use of resources including consultation
 - shared risks and issues
 - shared understanding of priorities for future funding

The creation of these plans also contributes to the Government's National Flood and Coastal Erosion Risk Management Strategy for England.

- 4.5 The flood risk management measures proposed in the draft Humber River Basin FRMP are aligned with the objectives of the Derby City Local Flood Risk Management Strategy, which was implemented in 2017:
- Improve our knowledge of existing Flood Risk Management Assets
 - Develop economical, risk-based flood risk management schemes and infrastructure maintenance regimes that form a sustainable approach to reducing flood risk
 - Educate and engage with communities and elected Derby City Council members to raise awareness of flood risk
 - Minimise the risk of flooding from new developments, avoiding development that puts more people at risk of flooding
 - Promote flood risk management activities that consider climate change, enhance the natural environment, conserve and enhance the historic environment, improve water quality and provide amenity benefits
 - Work in partnership with Risk Management Authorities and other key stakeholders to share a common understanding of flood risk
 - Promote riparian responsibilities for the maintenance of watercourses

- 4.6 The draft Humber River Basin FRMP contains:
- an introduction to the Flood Risk Areas
 - a description of the current flood risk in the area
 - a description of how flood risk is currently managed in the Flood Risk Areas
 - the impact of climate change on each Flood Risk Area
 - a description of the flood risk management measures that have been outlined

The draft plan has been subject to public consultation can be viewed in full using the following [link](#) or contacting flooddefence@derby.gov.uk.

- 4.7 The following are the seven Derby measures which have been integrated into the draft Humber Flood Risk Management Plan:
1. By 2027, Derby City Council will review flood risk from Bramble Brook to manage the risk of culvert collapse
 2. Between 2021 and 2027, Derby City Council and the Environment Agency will reinstate the Cotton Brook culvert to a good condition to reduce the risk of collapse and the associated flood risk
 3. By 2027, Derby City Council will investigate and implement schemes on the Littleover Brook, including de-culverting and upper catchment storage
 4. By 2023, Derby City Council will establish an intelligence-based highway drainage asset management programme to increase the resilience of the existing system
 5. By 2027, Derby City Council will seek opportunities to install natural flood risk management schemes, including the Oakwood area to increase flood resilience, capture carbon and provide new habitat
 6. By 2027, Derby City Council will identify and implement possible opportunities to separate highway drainage from the public sewer, ideally using sustainable drainage systems (SuDS) to increase flood resilience, capture carbon and provide new habitat
 7. By 2027, Derby City Council will progress the Southern Derby Surface Water Management Strategy to increase flood resilience, capture carbon and provide new habitat

4.8 **Delivery**

The measures above align with our local flood strategy and inform our asset management plans. Where appropriate, they will form part of our on-going Highways & Transport/Flood Defence capital programme. We will work closely with the Environment Agency and other key stakeholders on those actions which require further exploration, to establish and assess the opportunities for future schemes, including resourcing.

4.9 **Monitoring progress**

As the responsible authority, we will review and update our plan annually. This will be reported to the Environment Agency who will collate and analyse the information across the whole catchment area. From this they will be able to assess trends and seek areas of common interventions which can support delivery.

The Environment Agency will submit summary of progress each year to the relevant regional flood and coastal committee for review. At the end of the six-year plan cycle a summary of implementation progress overall will also be included.

Public/stakeholder engagement

- 5.1 There is a duty under the Flood Risk Regulations 2009 to consult the public on Flood Risk Management Plans. The Environment Agency have undertaken a full public consultation on all the draft Flood Risk Management Plans nationally. No responses were received from residents or businesses of Derby during the consultation.

Other options

- 6.1 There is a legal obligation to prepare, consult and publish a FRMP for Derby. The option of a stand-alone plan was not recommended as the benefits outlined in 4.4, by contributing to the wider Humber River Basin FRMP, would have been lost.

Financial and value for money issues

- 7.1 Flood risk measures 2 and 4 above in Section 4.7 are within the council's Highways and Transport and/or Flood Defence capital programme, which has been approved by Cabinet previously (9th March 2022 Cabinet, Item 10).
- 7.2 The remaining measures require further investigation of flood risk or flood risk mitigation opportunities. This may ultimately result in the development of future projects to manage flood risk in the city. Any works arising would be subject to our financial and value for money assurance processes and could appear within future year's capital programme, as appropriate, subject to Cabinet approval.
- 7.3 It should be noted that a Flood Risk Management Plan for Derby would incur a cost for the council to prepare in isolation should Cabinet choose not to approve the publication of the Environment Agency's Humber Flood Risk Management Plan on behalf of Derby.

Legal implications

- 8.1 A Flood Risk Management Plan must be provided for Derby under the requirements of the Flood Risk Regulations 2009.

Climate implications

- 9.1 There are no carbon implications connected to the Humber Flood Risk Management Plan, however it has undergone a full Strategic Environmental Impact Assessment as part of its production. Managing flood risk is a key challenge connected to the Climate Emergency and the Humber Flood Risk Management Plan plays a part in achieving that.

Other significant implications

- 10.1 None.

This report has been approved by the following people:

Role	Name	Date of sign-off
Legal	Olu Idowu, Head of Legal Services	25/5/2022
Finance	Toni Nash, Head of Finance Organisation & Governance	25/05/2022
Service Director(s)	Verna Bayliss, Director of Planning, Transport & Engineering	24/05/2022
Report sponsor	Rachel North, Strategic Director of Communities & Place	24/05/2022
Other(s)		

Background papers:	Draft Humber River Basin Flood Risk Management Plan
List of appendices:	