



County Offices
Newland
Lincoln
LN1 1YL

10 September 2021

Flood and Water Management Scrutiny Committee

A meeting of the Flood and Water Management Scrutiny Committee will be held on **Monday, 20 September 2021 at 10.00 am in the Council Chambers, County Offices, Newland, Lincoln Lincs LN1 1YL** for the transaction of the business set out on the attached agenda.

Yours sincerely

A handwritten signature in cursive script that reads 'Debbie Barnes'.

Debbie Barnes OBE
Chief Executive

Membership of the Flood and Water Management Scrutiny Committee
(11 Members of the Council and 7 Other Voting Members)

Councillors P A Skinner (Chairman), R P H Reid (Vice-Chairman), P Ashleigh-Morris, T R Ashton, A J Baxter, M Brookes, S Bunney, K J Clarke, A G Hagues and G J Taylor

Other Voting Members

District Councillors R Austin BEM (Boston Borough Council), P Vaughan (City of Lincoln Council), Mrs F M Martin MBE (East Lindsey District Council), Mrs L Hagues (North Kesteven District Council), M D Seymour (South Holland District Council), H Crawford (South Kesteven District Council) and I G Fleetwood (West Lindsey District Council)

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE AGENDA
MONDAY, 20 SEPTEMBER 2021**

Item	Title	Pages
1	Apologies for Absence/Replacement Members	
2	Declarations of Members' Interests	
3	Minutes of the previous meeting held on 22 February 2021	5 - 14
4	Announcements by the Chairman, Executive Councillors and Lead Officers	
5	Development Fund - Drainage Investigations and Flood Repairs <i>(To receive a report by Matthew Harrison, Senior Commissioning Officer – Flood Risk, which informs the Committee of progress to date with the programme of work for the Development Fund for Drainage Investigations and Flood Repairs)</i>	15 - 26
6	Investigations undertaken under Section 19 of the Flood and Water Management Act 2010 <i>(To receive a report from Matthew Harrison, Senior Commissioning Officer - Flood Risk, which informs the Committee of the status of all current flood investigations being undertaken in the County)</i>	27 - 30
7	Environment Agency Update <i>(To receive a report from the Environment Agency which updates the Committee on Environment Agency activities)</i>	31 - 46
8	Anglian Water Update <i>(To receive a presentation by Anglian Water which updates the Committee on recent work undertaken)</i>	
9	Lincolnshire Riparian Project Update <i>(To receive a report by Ryan Davies, Assistant Flood Risk Officer, which invites the Committee to discuss steps taken to date to develop the Council's approach to the network of riparian watercourses across Lincolnshire and strength engagement with riparian landowners)</i>	47 - 50
10	Emergency Planning, Response and Co-ordination Update <i>(To receive a report by Ian Reed, Head of Emergency Planning & Business Continuity Service, which updates the Committee on the recent work carried out by the Emergency Planning & Business Continuity Service with regards to the risk of flooding within the county)</i>	51 - 54
11	Flood and Water Management Scrutiny Committee Work Programme <i>(To receive a report from Kiara Chatziioannou, Scrutiny Officer, which enables the Committee to consider and comment on the content of its work programme)</i>	55 - 58

Democratic Services Officer Contact Details

Name: **Katrina Cope**

Direct Dial **07385 463994**

E Mail Address katrina.cope@lincolnshire.gov.uk

Please note: for more information about any of the following please contact the Democratic Services Officer responsible for servicing this meeting

- Business of the meeting
- Any special arrangements
- Copies of reports

Contact details set out above.

Please note: This meeting will be broadcast live on the internet and access can be sought by accessing [Agenda for Flood and Water Management Scrutiny Committee on Monday, 20th September, 2021, 10.00 am \(modern.gov.co.uk\)](#)

All papers for council meetings are available on:
<https://www.lincolnshire.gov.uk/council-business/search-committee-records>



**FLOOD AND WATER MANAGEMENT
SCRUTINY COMMITTEE
22 FEBRUARY 2021**

PRESENT: COUNCILLOR P A SKINNER (CHAIRMAN)

Councillors R P H Reid (Vice-Chairman), W J Aron, T R Ashton, Mrs A M Austin, A G Hagues, Mrs C J Lawton, C R Oxby, S R Parkin and C E Reid

District Councillors R Austin BEM (Boston Borough Council), Mrs F M Martin MBE (East Lindsey District Council), Mrs L Hagues (North Kesteven District Council), M D Seymour (South Holland District Council), H Crawford (South Kesteven District Council) and I G Fleetwood (West Lindsey District Council)

Officers in attendance:-

Paul Brookes (Flood Risk Manager), Jonathan Glerum, Matthew Harrison (Senior Commissioning Officer - Flood Risk), David Hickman (Head of Environment), Nicole Hilton (Assistant Director - Communities), Tracy Johnson (Senior Scrutiny Officer), Rachel Wilson (Democratic Services Officer) and Morgan Wray

54 APOLOGIES FOR ABSENCE/REPLACEMENT MEMBERS

Apologies for absence were received from Councillor P Vaughan (City of Lincoln Council)

55 DECLARATIONS OF MEMBERS' INTERESTS

Councillor I G Fleetwood reported that he had been appointed to the Scunthorpe and Gainsborough Water Management Board.

56 MINUTES OF THE PREVIOUS MEETING HELD ON 30 NOVEMBER 2020

RESOLVED

That the minutes of the meeting held on 30 November be signed by the Chairman as a correct record.

57 ANNOUNCEMENTS BY THE CHAIRMAN, EXECUTIVE COUNCILLORS AND LEAD OFFICERS

There were no announcements by the Chairman, Executive Councillors or Lead Officers.

58 DEVELOPMENT FUND - DRAINAGE INVESTIGATIONS AND FLOOD REPAIRS

Consideration was given to a report that informed the Committee of the Development Fund for Drainage Investigations and Flood Repairs and its progress. It was noted that the Governance Document and Programme of Works were approved by the Executive on 2 February 2021.

It was reported that funding of £2.2m had been made available to address drainage and flooding issues in Lincolnshire. A programme of works was being developed in collaboration between the Floods Team and Highways. Implementation of this additional investment had been identified as £1.1m per annum for both financial years 2020/21 and 2021/22 with overall spend to be completed by March 2022.

Members were provided with the opportunity to ask questions to the officers present in relation to the information contained within the report and some of the points raised during discussion included the following:

- It was noted that it was planned for Cherry Willingham to receive some funding and an issue with water gathering in an area known as Little Cherry was also highlighted. It was clarified that water was collecting in the junction between Hawthorn road and the new estate, and was entering residents gardens. A similar issue at Stainfield where water was gathering outside of some cottages was also highlighted, and officers advised that they would follow up on these issues outside of the meeting.
- Members were pleased to see the funding coming forward, and commented that it would give comfort to many councillors across the county. Concerns were raised with regards to the £200k which would be made available for sandbags and new technology to tackle flooding. It was highlighted that further details on this would be covered by the report at agenda item 7 (December Surface Water Flooding and Improvements to Local Incidence Response)
- It was queried how members could feed in intelligence regarding issues in their own areas to officers and the work programme. Members were advised that this was a set budget which needed to be delivered by March 2022 and the programme of works had been approved, therefore there was little scope to add to this particular programme. The programme was also being delivered with existing resources through the Highways Term Contract through Highways colleagues. However, any drainage issues could be addressed through drainage groups or highways groups.
- It was noted that a lot of the 'near miss' flooding incidents were being collated by the Flood Risk Manager and so members should continue to report any issues.
- It was queried what work was included in the £150k contribution to the River Steeping catchment area and members were advised that this contribution was to facilitate the work set out as part of the Steeping Action Plan and included some of the suction dredging of the channel as well as supporting the programme of works being carried out by the IDB's and the Environment Agency.
- It was also queried how it was determined that work would be undertaken for this scheme, and also how projects would move up the priority list. Members were advised that the schemes were identified by Highways colleagues as well as the

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE
22 FEBRUARY 2021**

Floods Team, areas where they were aware of existing drainage and flooding issues, not necessarily just flooding to properties, but where there were also flooding and drainage issues on the highways. The programme of work identified those schemes where attention was required, but where funding may not otherwise have been forthcoming as quickly. This funding allowed the potential for those problem areas to be brought forward sooner than they would normally.

- It was queried whether there would be any additional staff brought in to undertake the investigations. It was confirmed that this work would be delivered with existing staff under existing contracts. It was acknowledged that this programme of works was likely to be a challenge to deliver, but it was likely that it would be delivered effectively with the current resources.
- Members commented that they welcomed the penultimate scheme on the programme, which would deal with a longstanding flooding issue in Kirton. It was queried whether all the schemes had come from the Section 19 investigations. It was hopeful that future funding could become available to continue this work. It was noted that the schemes had not come through the Section 19 investigation. It was running alongside other programmes of work and investigations.

RESOLVED

That the progress with the Development Fund for Drainage Investigations and Flood Repairs be noted.

59 FLOOD AND COASTAL RESILIENCE INNOVATION PROGRAMME

Consideration was given to a report which provided the Committee with a progress update on the development and submission, on behalf of a Greater Lincolnshire Partnership, of an Expression of Interest in the Defra Flood and Coastal Resilience Innovation Programme.

It was reported that in the 2020 Budget, the Government had announced a £200 million fund for a flood and coastal resilience innovation programme to help deliver the Government's policy statement on flooding and coastal erosion and the Environment Agency National Flood and Coastal Erosion Risk Management Strategy for England.

The programme would allocate £150 million to 25 local areas, which could be a county, city, town or village. It was noted that this could also be a river catchment, tidal estuary or part of the coast. It was reported that Lincolnshire County Council had led on the development of an expression of interest based on the Greater Lincolnshire geography. If the bid was successful, there would then be an opportunity to create a business case. It was noted that this was the first step in what could be a long process, but this programme could help to identify actions which could provide resilience in other areas.

Members were provided with an opportunity to ask questions to the officers present in relation to the information contained within the report and some of the points raised during discussion included the following:

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE
22 FEBRUARY 2021**

- Members welcomed this and there was hope that the Greater Lincolnshire Partnership would be successful and receive one of these allocations.
- It was queried why North Kesteven and East Lindsey District Councils were selected as other districts were also keen to be involved. Members were advised that the creation of the group was more organic, and in the event of a successful bid it was likely that the group would be opened up to any other districts that were interested, to assist in developing and delivering actions.
- Members commented on the *community and voluntary sector action to be better prepared and recover more quickly*, and it was noted that this related to how communities could manage their own resilience and actions which could encourage new behaviours in community resilience. It was noted that one of the aims of the Partnership's programme was to provide better and more advanced warning of groundwater flood risk. This would be through monitoring of ground water levels so people could be better prepared for the risks of elevated ground levels. The aim would also be to raise awareness of actions that people could take in order to protect themselves.

RESOLVED

1. That the Committee notes the report and progress made on the development and submission of the Expression of Interest; and
2. In the event of a successful Expression of Interest, support the further development of the resilience innovation programme for Greater Lincolnshire.

60 DECEMBER SURFACE WATER FLOODING AND IMPROVEMENTS TO LOCAL
INCIDENCE RESPONSE

Consideration was given to a report which reviewed the timelines and course of events over the 23rd and 24th December 2020 when heavy rainfall led to a number of flooding incidents in the south of Lincolnshire. The report also identified lessons learned from the events and informed improvements that had been and could be made between partners.

Whilst the event had not been large enough to trigger a standard multi-agency response, it did trigger a local response and was handled with the resources available within those circumstances. This event highlighted a need to review how those events which went beyond the forecast were prepared for. For this event it was reported that the forecast has indicated a much lower likelihood of significant impact than what was actually experienced. Stronger arrangements to prepare in advance for these kinds of events had now been put in place and also to prepare the flood cell arrangements between partners within the structure of the Lincolnshire Resilience Forum.

Members were provided with the opportunity to ask questions to the officers present in relation to the information contained within the report and some of the points raised during discussion included the following:

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE
22 FEBRUARY 2021**

- In relation to sandbags, it was commented that once they had been used they became a problem for the environment and needed to be disposed of properly. It was positive that other options were also being considered.
- It was commented that there had been issues with a lot of water sitting on the ground and then running off, which had caused flash flooding events. There had also been confusion around who would be providing sandbags during these flooding events. It was highlighted that the cost of sandbags and other options, such as gel bags, could start to add up for homeowners and it was queried whether the county council was able to provide a grant scheme for those properties that were likely to flood. Members were advised that the question of affordability was a difficult one, and the benefit of sandbags was that they were cheap, however, once they had been exposed to flood water they were generally contaminated and would need to be disposed of by the Environment Agency in specialised landfill sites. It was acknowledged that there were several issues which would need to be considered in the future, and the new arrangements should ensure that those properties likely to flood would be provided with sandbags. There would also be work to determine how residents could support themselves to be more resilient.
- It was noted that it was not clear whether the provision of sandbags would be a district or county council function. It was noted that the County Council would be putting forward a policy on the provision of sandbags to the public and how the resource could be accessed.
- It was noted that the response from officers was welcomed, however, members did challenge the way that the flooding incident was handled as the multi-agency response had not been triggered, and co-ordination during the event had been unclear. It was also noted that there were some issues with "Fix my Street" and the gully clearing which was not taking place in a timely manner, and this issue had been highlighted to the Chairman of the Highways and Transport Scrutiny Committee.
- It was commented that this type of flooding event was happening more frequently and without warning, and there was a need to be better prepared for them.
- It was commented that the flood alleviation scheme for Horncastle had saved a lot of properties from flooding over recent years. It was commented that it had been working at 25% capacity and it was queried whether it would be better to hold back more water and let it out over a longer, slower period. The Environment Agency advised that the idea around the flood storage areas was to take the peak off the water as it went down stream, and the aim was to keep as much space in the flood storage areas as possible. Therefore, water courses would be kept as close to their maximum capacity as possible downstream.
- It was commented that in some situations home owners having water bags would not suffice, as in Bourne, during the December event, the fire and rescue service pumps were needed. There was a need to help and inform residents with what they can do to protect themselves.
- Members thanked all the staff who had worked tirelessly over Christmas in response to the flooding events. There was also a need to learn from these events, and it was important that organisations worked together, and to adopt a precautionary principle as an approach.

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE
22 FEBRUARY 2021**

- It was queried whether the county council was adequately resourced for dealing with these types of events. Members were advised that from an officer perspective, more resources were always needed. It did seem like more of these events were occurring, and how much additional resource would be needed was a difficult question. As part of developing the approach future resilience would be considering the logistics and deployment of resources to ensure that they can be moved to where they were needed.
- It was commented that since December 2020, the Environment Agency, IDB's and other partners had been on a constant state of alert, and thanks were given for the work they had been doing to support the communities in Lincolnshire.
- It was commented that it was useful to compare the last 3 – 4 years to a time 20-30 years ago, as these flooding events did seem to be occurring at an increased frequency, and stand out events seemed to be happening on an annual basis. It was also observed that the volume of sediment which was coming through the drainage system also appeared to have increased. It was noted that some of these issues were being examined through the work on the River Steeping with the Lindsey Marsh Drainage Board, Environment Agency and other partners and some of this learning could be applied more broadly.
- Thanks were given to the drainage boards and other partners who had supported members and communities throughout these flooding events.

RESOLVED

That the report be noted.

61 INVESTIGATIONS UNDERTAKEN UNDER SECTION 19 OF THE FLOOD AND WATER
MANAGEMENT ACT 2010

Consideration was given to a report which informed the Committee of the status of all current flood investigations being undertaken in the County. It was noted that in comparison with 2019, 2020 had been relatively quiet in terms of Section 19 Flood Investigations, although the numbers were still significantly above average. It was also highlighted that it had been a particularly busy couple of years, which had impacted on the amount of time it was taking to complete reports. It was noted that it was the complexity of some of the investigations as well as the volume of investigations which was causing a delay. However, the reports were now starting to come through.

It was reported that officers had taken the step of reviewing how the investigations were carried out, in order to give a more proportionate response, for example where the cause was clear or there were minor consequences. It was hoped that this would speed up the process around completing investigations.

It was also reported that there was a new way of providing the information on the current flood investigations available through the website and it was hoped that members had had the opportunity to have a look at this.

(NOTE: Councillor R Austin left the meeting at 11.26am)

Members were provided with the opportunity to ask questions to the officers present in relation to the information contained within the report and some of the points raised during discussion included the following:

- It was commented that the opportunity to interrogate a live report was welcomed, and the amount of work which had gone into creating this was appreciated.
- It was highlighted that there were some reports for Horncastle on the list which had been active for nine years, and it was suggested whether these needed to be brought to a close quickly so they could be removed from the list. Members were advised that there was confidence that a number of the older investigations would be completed in the near future, and following the review of the way investigations were completed, there should be a greater number of investigations which would be completed in a more timely manner.
- The work which was ongoing in this area was supported, and it was acknowledged most investigations were individual in their complexity and that sometimes lengthy enforcement actions were necessary, where riparian rights were involved.
- Queries were raised in relation to flooding incidents in Kirton, which had taken place a number of times, and required attention. Officers advised that they would look into this further and provide an update to the councillor in due course.
- There were concerns that the number of Section 19 investigations seemed to be getting longer and if the heavy rainfall continued the list would continue to get longer. Officers commented that they were conscious that there was a backlog of cases, and they had no choice but to investigate once they became aware of a flood, and so the workload was highly weather dependent. Investigations were being undertaken and reports were now starting to come through almost every day and work was underway to reduce the outstanding list to something more manageable.

RESOLVED

That the investigations undertaken in the County under Section 19 of the Flood and Water Management Act 2010 be noted.

62 ENVIRONMENT AGENCY UPDATE

Consideration was given to a report which updated the Committee on Environment Agency (EA) activities, primarily in relation to Covid-19 with particular reference to the on-going delivery of the capital programme and recovery.

Members were guided through the report and were provided with the opportunity to ask questions to the officers present in relation to the information contained within the report and some of the points raised during discussion included the following:

- The Environment Agency was thanked for the completion of the major refurbishment work on the Black Sluice Lock and the gravity lock in a timely manner despite the constraints caused by Covid-19, as this ensured there was not a major flooding event in relation to the South Forty Foot drain.

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE
22 FEBRUARY 2021**

- It was commented that in relation to the South Forty Foot Drain it was impressive to see the water coming through the lock when there was a flood alert, and demonstrated that the work which had been done was having an effect and should reassure people that they had some protection.
- Thanks were given to the Environment Agency and contractors for the consideration which had been given to the residents on Wyberton Low Road as the works on the Haven Banks Scheme were taking place very close by.
- It was acknowledged that the banks at Barlings Eau had been reconstituted since the major flooding event the previous year, but there were still concerns regarding the recent high water levels and the resilience of the banks. Members were advised that the Environment Agency recognised that there were still some low spots in the banks, and sandbagging of those areas would be carried out if necessary. In terms of the resilience of the banks, there were a number of projects planned to understand what was required to improve the resilience of the approximately 1000 miles of flood banks which were in Lincolnshire.
- In relation to the delays in dredging, it was queried whether it was known when this may be able to continue and whether there were any plans to manage any effects of the delays of dredging. Members were advised that this had not yet been resolved. The Environment Agency was still waiting to hear whether the contractors were able to return to the UK to complete the work. It was noted that they were due to come back later in the year to complete another section of the Wainfleet relief channel. It was also highlighted that the dredging was part of scheme of measures.
- It was commented that the work which had been done on the flow rates on the South Forty Foot Drain had made a difference.
- It was queried whether there was a programme for de-silting, particularly for the River Waring, as increased amounts of silt seemed to be being deposited in the channel in the town. In terms of the de-silting in the River Steeping, it was noted that this was evidence based, but was not the only measure being used. It was reported that there were plans for other water courses, but there were no additional plans to carry out any further de-silting work on the River Waring at this time, but this could form part of a future action plan if necessary.

Members received a brief presentation from the Environment Agency which gave an overview of the flooding which took place over Christmas 2020.

RESOLVED

That the report be noted.

63 ANGLIAN WATER UPDATE

The Committee received a presentation from Anglian Water which provided an update on recent activities.

Some of the areas covered in the presentation included the following:

**FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE
22 FEBRUARY 2021**

- Long term ambitions as contained within the Strategic Direction Statement;
- Impact of changing climate on operations;
- Recent flooding events in December 2020 and challenges that had been faced;
- High water levels and pumping operations
- Investment in resilience
- Roles and responsibilities and a continued need to work together
- On-going work with partners

RESOLVED

That the presentation be received.

64 FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE WORK PROGRAMME

Consideration was given to a report which enabled the Committee to consider and comment on the content of its work programme to ensure that scrutiny activity was focused where it could be of greatest benefit.

It was noted that the next meeting was scheduled to be held on 21 June 2021, and would be the first meeting of the Committee after the County Council elections in May.

The update on the development fund would be added to the work programme for the meeting in September 2021. The Senior Scrutiny Officer would also work with officers to schedule the remaining items.

The meeting closed at 12.38 pm

This page is intentionally left blank

Open Report on behalf of Andy Gutherson, Executive Director - Place

Report to:	Flood and Water Management Scrutiny Committee
Date:	20 September 2021
Subject:	Development Fund - Drainage Investigations and Flood Repairs

Summary:

This report informs the Committee of progress to date with the programme of work for the Development Fund for Drainage Investigations and Flood Repairs. The Governance Document and initial Programme of Works were approved by the Executive on 2 February 2021.

Actions Required:

The Committee is invited to review and comment on the progress with the Development Fund for Drainage Investigations and Flood Repairs.

1. Background

Funding to the value of £2.2 million (capital £2m, revenue £200k) has been made available to address drainage and flooding issues in Lincolnshire. A programme of works has been developed in collaboration between the Floods Team and Highways to be delivered over financial years 2020/21 and 2021/22 with overall spend to be completed by March 2022.

This report provides a progress update with the Development Fund – Drainage Investigations and Flood Repairs since last reported to committee in February 2021. Further updates on programme delivery and learning will be provided to future meetings of the committee leading to its conclusion in March 2022.

Programme delivery

The following provides the latest position on delivery of drainage investigations and flood repairs through the development fund programme. These works are being delivered alongside the wider highways' drainage programme, and other key flood related activities, which overall provide a more extensive picture of the range of works in progress.

Through the approved governance structure (see Appendix A) the Programme Board have supported both the Floods Team and Highways Teams, co-ordinated through the Programme Delivery Board, to manage the programme of work to deliver efficiencies and greatest benefit to communities within the allocated budget. By its very nature drainage works can be complex with outcomes often influenced by detailed investigation which can dramatically change the scope of scheme proposals. In some circumstances local issues, following investigation, have been resolved through minor works by the local highways teams and was not therefore appropriate to take forward as part of this programme. However, this has then allowed more flexibility in the budget to allocate resource to areas that require more in-depth work and will ultimately allow a greater level of protection to communities through an enhanced scheme.

The current works programme can be found in Appendix B of this report. This spreadsheet also details those schemes completed during the first financial year of the programme – a total of seven schemes with a combined value of £410,000, whilst in addition to this a contribution of £150,000 was made towards supporting the work associated with the delivery of the Steeping Action Plan following the flooding event which affected this area in June 2019. The remaining schemes on the spreadsheet detail those projects identified to be considered during the current financial year. This is a varied programme which includes investigation work and the proposed delivery of more substantial drainage and flooding schemes to address long standing issues across the county. As indicated above it should be noted that this programme compliments a full and active programme of drainage works taking place in the county being delivered through the Highways asset teams.

There are currently (as of September 2021) 21 schemes identified as part of the programme to be delivered through Highways Asset teams. These works will be delivered by the Term Maintenance contractor, Balfour Beatty with the majority of works to commence in August/September 2021. The larger and more complex schemes, identified on the spreadsheet as being delivered by Technical Services Partnership (TSP), are in the stages of detailed design and costing as well as legal permissions being finalised and are set to be delivered by March 2022, although this situation is being closely monitored due to the complexities in delivering a combination of solutions to bring wider benefits and longer-term protection than was originally envisaged.

Next steps

The Development Fund programme for Drainage Investigations and flood repairs is currently on track to deliver the allocated budget of £2.2million of works by March 2022 which will bring a better understanding of long-standing complex drainage issues through detailed investigation work and in many cases physical solutions which will address specific issues or bring long term benefits to the wider community.

The successful working across service areas between the floods and highways teams as part of this programme of work has highlighted the benefits of co-ordinating a wider drainage and flood risk programme across the county. There is a desire amongst those involved to continue with such a programme and to that end a business case is to be developed to seek future funding for the continuation of this programme from April 2022.

The Programme Delivery Board is already giving consideration to a future programme of work and key areas that would benefit from this.

2. Conclusion

Works originating from the Development Fund – Drainage Investigations and Flood Repairs have already delivered benefits to areas in the County and with a full programme of work for the current financial year 2021/22 further improvements and benefits will be realised where drainage and flooding issues currently exist.

Working within the governance structure, this has allowed officers to continue to carry out the necessary investigations and design works for the schemes identified within the attached programme and have the flexibility to manage the programme to deliver greatest benefit. Further reporting to committee between now and conclusion of the programme in March 2022 will continue as well as updates in any future programmes that can be taken forward into future years.

3. Consultation

a) Risks and Impact Analysis

The programme for the Development Fund - Drainage Investigations and Flood Repairs will be monitored throughout its duration as per the governance document attached

4. Appendices

These are listed below and attached at the back of the report	
Appendix A	Development Fund - Drainage Investigations and Flood Repairs Governance Structure
Appendix B	Development Fund - Drainage Investigations and Flood Repairs - Programme of work 2021/22

5. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Matthew Harrison, who can be contacted on 07771 837565 or matthew.harrison@lincolnshire.gov.uk.

This page is intentionally left blank

Development Fund – Drainage Investigation and Flood Repairs

1. Background

Funding to the value of £2.2million pounds (Capital £2m, Revenue £200k) has been made available to address drainage and flooding issues in Lincolnshire. A programme of works is to be developed in collaboration between the Floods Team and Highways. Implementation of this additional investment has been identified as £1.1million per annum for both FY2020/21 and 2021/22 with overall spend by March 2022.

An initial draft programme has been discussed with the Executive Members, Cllrs' Davies and Poll. Further work has taken place during September 2020 to refine the programme, define overall timescales and identify appropriate delivery mechanisms for schemes within the programme.

2. Objectives

Members of the Flood Risk team and Highways will lead on the prioritisation, investigation and detailed design of proposed drainage schemes with the aim of producing a finalised programme in October 2020. This will identify the most appropriate delivery mechanism, along with lead-in times for specific projects within the programme.

Programme dates for larger scale schemes will need to be agreed with the Term Contractor Balfour Beatty for commencement of permanent repairs from October 2020. Overall the programme will commence in early 2021, and will continue to deliver throughout 2021-22 to complete overall spend in March 2022

Table summarising key timescales and objectives

Objective	Timescale
Develop draft programme of work	September 2020
Develop final works programme	October 2020
Programme delivery	December 2020 to March 2022
Programme completion	March 2022

3. Project Management

LCC Environment Team will co-ordinate overall programme, with the Programme Sponsor ("PS") having overall accountability for the successful delivery of the Project.

The PS will be supported by a Programme Manager ("PM"), who will be responsible for ensuring the overall programme objectives are met in a cost-effective manner and oversee the delivery of the wider programme.

The PM will be supported by the wider flood risk and highways team ("Programme Delivery Board") ensuring projects are delivered through appropriate delivery mechanisms.

The day-to-day management of individual projects will be done by the Project Managers ("PMn") and will provide regular communication to both the Programme Delivery Board and PM.

Collectively the above will be known as the ("Project Team").

4. Project Governance

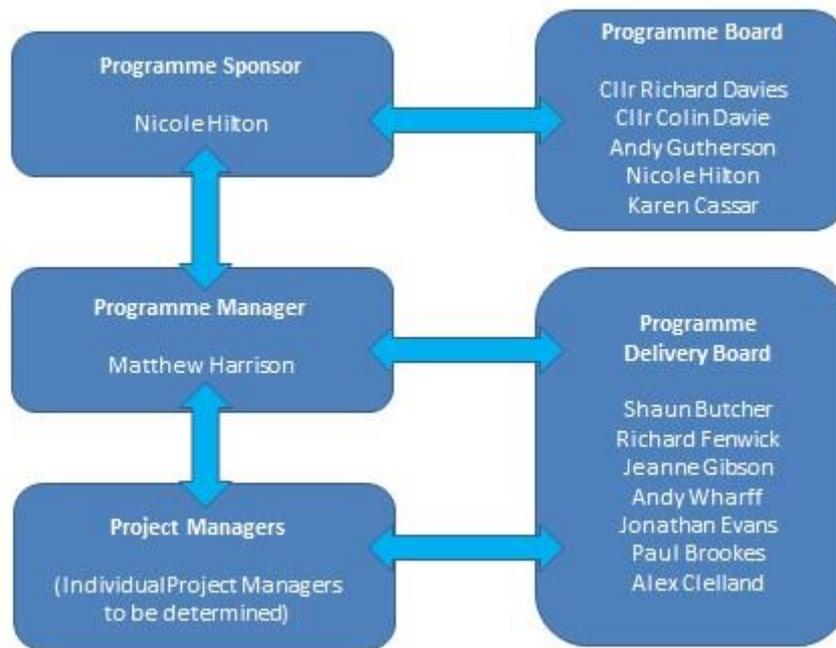
The PS will support the PM in discharging their overall accountability for the Project, providing strategic direction and ensuring proposals continue to be aligned with the overall objectives of the invest to save programme.

The Programme Delivery Board, meeting monthly, will support the PM in driving forward the project programme to deliver the schemes. Members of the Programme Delivery Board must be able to commit resources from their departments and organisations to support the programme as required, recognising the level of this will vary for each scheme proposal and depending on resourcing and competing demands.

The PS and PM will ensure effective liaison between the Programme Delivery Board and individual Project Managers. A detailed report showing individual scheme locations and costing will be prepared for each financial year. This will be updated on a monthly basis as detailed design and costings are finalised and will include delivery dates and durations of programmed works. The project team will report to Assistant Directors monthly.

The project team will regularly review this governance structure and may amend it as required to reflect changes in the programme and the Partners. The current governance structure (October 2020) is detailed below.

Progress will be reported regularly to the Programme Board, and thence quarterly to the Directorate Leadership Team and as required to Corporate Leadership Team, in addition to updates to scrutiny committee and regular reporting on progress on the transformation and development programme to Informal Executive.



Development Fund – Drainage Investigation and Flood Repairs Governance Structure

The Terms of reference for the Development Fund Programme – Drainage Investigation and Flood Repairs Governance are detailed below.

Programme Board

- Cllr Richard Davies
- Cllr Colin Davie
- Andy Gutherson
- Nicole Hilton
- Karen Cassar

Programme Sponsor

- Nicole Hilton – Assistant Director Communities

The Programme Sponsor will:

- Provide strategic leadership on direction and delivery
- Endorse progress on programme delivery and timescales
- Provide effective reporting to the programme board, senior officers, leadership team and Executive Members

Programme Manager

- Matthew Harrison – Senior Commissioning Officer – Flood Risk

The Programme Manager will:

- Ensure effective liaison with the Project Managers
- Provide effective reporting to the Programme Sponsor
- Liaise directly with the individual project managers to manage and report upon project delivery, timescales and costings
- Support successful delivery of the overall programme
- Provide support and direction to individual project leads
- Raise issues to the Programme Sponsor

Programme Delivery Board

- Shaun Butcher – LCC Highways
- Richard Fenwick – LCC Highways
- Jeanne Gibson – LCC Highways
- Andy Wharff – LCC Highways
- Jonathan Evans – Technical Services Partnership
- Paul Brookes – LCC Flood Risk Team
- Alex Clelland - Strategic Finance Manager – Place

The Programme Delivery Board will:

- Provide effective support to individual project managers and to the programme manager.
- Advise on potential risk to the programme i.e. funding or duration
- Provide direction on technical information, issues, risk and change to the programme
- Raise issues and agree solutions with the Programme Manager
- Make recommendations on key decisions to the Programme Manger
- Resolve issues escalated from individual project managers
- Support successful delivery

Project Managers

- Individual project managers will be identified for each project within the programme, and specified in the delivery programme document.

Project managers will:

- Report to the programme delivery board and maintain effective governance arrangements for their individual projects, including reporting, maintaining timescales and managing resources.
- Report to the programme delivery board through the Programme Manager on specific scheme delivery.
- In a timely manner will raise any issues that may impact on scheme spend or project and – by extension - programme duration
- Provide direction on technical information, issues, risks and changes to individual projects
- Ensure effective communication and management of contractors and sub-contractors

- Support the overall aims and objectives to delivery an effective programme of works

5. Term

This document will remain valid whilst the programme is ongoing.

All parties will be responsible for reviewing its contents throughout the programme delivery phase and any changes will need to be agreed by all parties. The programme manager will be responsible for ensuring overall programme documentation remains up to date and fit for purpose. Project Managers have this responsibility in respect of their own projects.

This page is intentionally left blank

Current Status	Budget	Forecast	Street Name	Parish	Date	Job	Design Lead	Comment
20/21 Schemes								
Works Complete	£29,698.31	£30,393.45	MOORTOWN ROAD	Kelsey (N023)	Aug-20	4703418	Highways Asset	Complete
Works Complete	£29,864.70	£32,762.41	ROYAL OAK LANE	Bass Aub Hadd Shy (W015)	Sep-20	44110529	Highways Asset	Complete
Works Complete	£48,897.87	£48,897.87	BARTON STREET	Covenham (E004)	Sep-20	44111123	Highways Asset	Complete
Works Complete	£60,524.15	£73,125.88	LINCOLN ROAD	Wickenby (N048)	Aug-20	4703475	Highways Asset	Complete
Works Complete	£54,557.57	£63,691.70	LEA ROAD	Newton On Trent (N040)	Oct-20	44110510	Highways Asset	Complete
Works Complete	£100,000.00	£149,296.52	B1397 Main Road	Gosberton	Sep-20	44110715	Highways Asset	Complete
Works Complete	£50,000.00	£12,035.23	Middletons Field	Lincoln	Jan-21	44110768	Highways Asset	Complete
	£373,542.60	£410,203.06						
21/22 Schemes								
No scheme?	£15,000.00	£5,000.00	High Street	Blyton	2021/22	Jetting	Highways Asset	Works jetting and investigation
Works Complete	£15,000.00	£4,500.00	Cliffe Rd	Welton	May-21	Jetting	Highways Asset	Works jetting and investigation
Planned Aug - March	£25,000.00	£25,000.00	Martin Close	Heighington	2021/22	44111877	Highways Asset	Planned 2021/22
Planned Aug - March	£30,000.00	£30,000.00	A52 / A607 Junction	Grantham	2021/22	44110415	Highways Asset	Planned 2021/22
Planned Aug - March	£30,000.00	£30,000.00	Teford Road	Salmonby	Sep-21	44112425	Highways Asset	Planned 2021/22
Planned Aug - March	£35,000.00	£35,000.00	Halls Lane	Goulceby	2021/22	44112423	Highways Asset	Planned 2021/22
Planned Aug - March	£35,000.00	£35,000.00	Marston village	Marston	2021/22	44111874, 44113546, 44113547	Highways Asset	Planned 2021/22
Proposed	£40,000.00	£6,500.00	A52 Bridge End Road	Grantham	2021/22	Jetting	Highways Asset	Works jetting and investigation
Planned Aug - March	£40,000.00	£40,000.00	Lutton War Memorial	Lutton	2021/22	44111875	Highways Asset	Planned 2021/22
Works Complete	£50,000.00	£16,000.00	Main Road	Ingleby	May-21	3060269	Highways Asset	Completed by CMG
No scheme?	£50,000.00	£0.00	Main Road	Newton on Trent	2021/22		Highways Asset	No scheme or Data?
Planned Aug - March	£50,000.00	£50,000.00	B1184 Hale Lane	Sibsey	2021/22	44110321	Highways Asset	Patching scheme - contribution
Works Complete	£50,000.00	£8,000.00	B1241 High Street	Sturton by Stow	Apr-21	Jetting	Highways Asset	Works jetting and investigation
Planned Aug - March	£55,000.00	£40,000.00	Main Road	Scopwick	2021/22	TBC	Highways Asset	Liasing with PC on proposlas
No scheme?	£55,000.00	£5,000.00	Charles Avenue	Scotter	2021/22	Jetting	Highways Asset	Works jetting and investigation
Works Complete	£60,000.00	£89,000.00	Edenham Road	Bourne	Jul-21	44112016	Highways Asset	On site now
No scheme?	£60,000.00	£7,000.00	Sudbeck Lane	Welton	2021/22	Jetting	Highways Asset	Works jetting and investigation
Works Complete	£105,000.00	£70,328.60	A153 Main Road	North Kyme to Billinghay	Jun-21	3002764	Highways Asset	Dressing June 2021 - EA drainage
Works Complete	£105,000.00	£24,500.00	Main Road	Sedgebrook village	May-21	44113889	Highways Asset	Works completed with NR
No scheme?	£50,000.00	£0.00	Main Road	Bransby	2021/22		Highways Asset	No scheme or Data?
Planned Aug - March	£15,000.00	£15,000.00	Ferry Road and Hall Court	Fiskerton	2021/22	TBC	Highways Asset	Scheme with Structures for design
	£970,000.00	£535,828.60						



Open Report on behalf of Andy Gutherson, Executive Director - Place

Report to:	Flood and Water Management Scrutiny Committee
Date:	20 September 2021
Subject:	Investigations Undertaken under Section 19 of the Flood and Water Management Act 2010

Summary:

This is a standing item to inform the Committee of the status of all current flood investigations being undertaken in the County.

Actions Required:

Members of the Flood and Water Management Scrutiny Committee are invited to review and comment on the investigations undertaken in the County under Section 19 of the Flood and Water Management Act 2010.

Members are asked to view the current list of completed and active flood investigations online at <https://www.lincolnshire.gov.uk/flood-risk-management/flood-investigations> and inform Democratic Services in advance if they wish to raise any particular sites at the forthcoming Scrutiny Committee meeting.

1. Background

This is a standing item to inform the Committee on the position of all current Section 19 investigations in the County, which can be viewed online at – <https://www.lincolnshire.gov.uk/flood-risk-management/flood-investigations>. It will be noted that in some cases the investigation is marked as being completed, but there may be outstanding works arising from recommendations in the investigation report which have not yet been completed or programmed by the relevant Risk Management Authority.

The following briefing focuses on the number of flood investigations initiated from February 2021. At the time of writing a total of 21 flood investigations were started since February 2021 (Table 1), 9 in July alone. It is currently believed that 25 properties have been affected by flooding; however, it should be noted that this number may increase or decrease as the investigations progress (Figure 1).

Table 1 Number of Section 19 investigations commission from February 2021 to present with number of affected properties

Month	Number of investigations commissioned.	Number of properties affected.
February	7	7
March	1	1
April	0	0
May	3	4
June	0	0
July	9	12
August	1	1
Totals	21	25

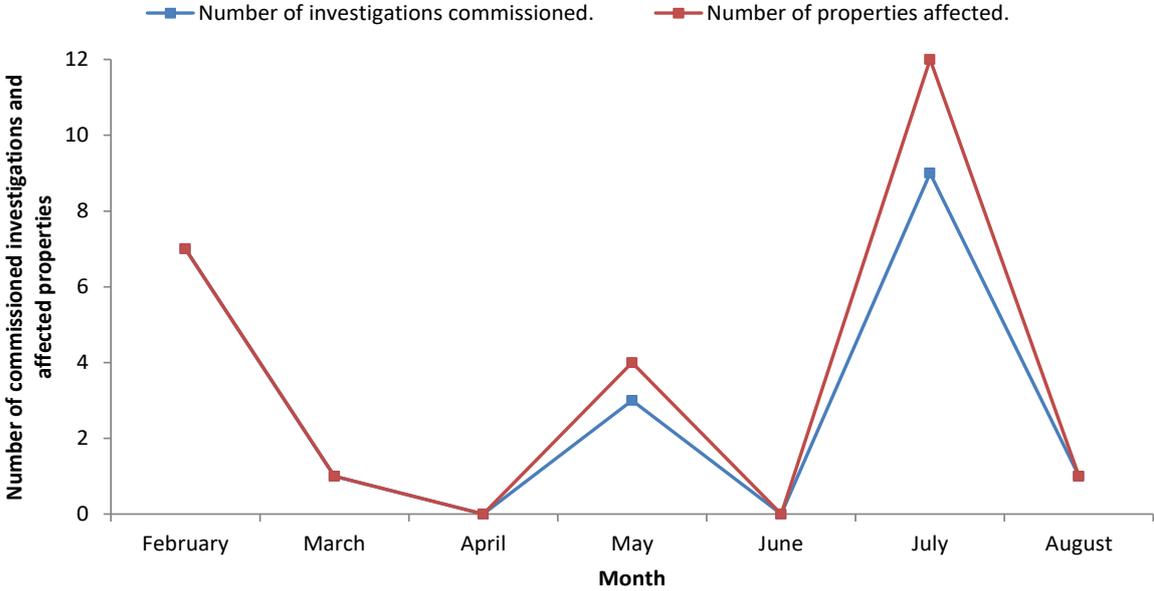


Figure 1 Number of Section 19 investigations commission from February 2021 to present with number of affected properties

Figure 2 below illustrates the total number of flood investigations initiated from 2012 to 2020. Although the total number of flood investigations initiated in 2021 is uncertain, based on current data it is evident that more investigations have already been commissioned than in 2013, 2015, 2017 and 2018.

This has therefore, maintained the pressure on a finite resource, although steps have been taken to make the process more efficient by:

- Taking a proportionate approach to flood investigations where, for example, the source and cause is clearly understood. Where such a 'light touch' is considered to be appropriate, the Committee can be assured that the requirements of Section 19 are met in full as well as the additional output of recommendations being made for mitigating future flooding.
- The sourcing of additional resource.

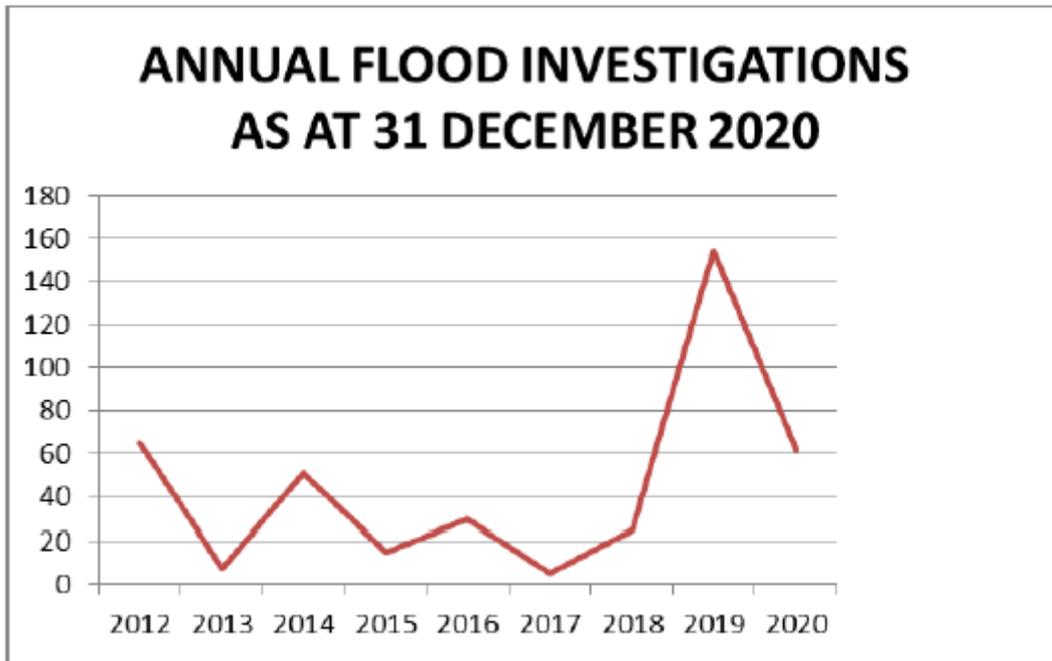


Figure 2 Annual Flood Investigations 2012 to 2020

It should be noted that while investigations are underway it is not possible to give an indication of the local factors at play in each flood event. Even when some localities have experienced repeated flooding in a short period of time, until the investigation is completed it is not always possible to say which individual properties were victim to such flooding or if there are common causes between these events.

2. Conclusion

So far 2021 has maintained the pressure on a finite resource. It is acknowledged that, because of the volume of flood investigations it has been necessary to carry out, final investigation reports are not being completed in as timely a manner as might normally be expected. The Committee's attention is drawn to the steps outlined above which have been taken to address this.

3. Consultation

a) Risks and Impact Analysis

NA

4. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Matthew Harrison, Senior Commissioning Officer - Flood Risk, who can be contacted on 07771 837565 or Matthew.Harrison@lincolnshire.gov.uk.

This page is intentionally left blank

Open Report on behalf of Environment Agency

Report to:	Flood and Water Management Scrutiny Committee
Date:	20 September 2021
Subject:	Environment Agency Update

Summary:

This paper provides an overview of the work being undertaken in Lincolnshire to deliver the vision of the national Flood Risk Management Strategy - A nation ready for, and resilient to, flooding and coastal change – today, tomorrow and to the year 2100.

It is intended to be a quick guide and reference document to the strategic work being carried out in the area.

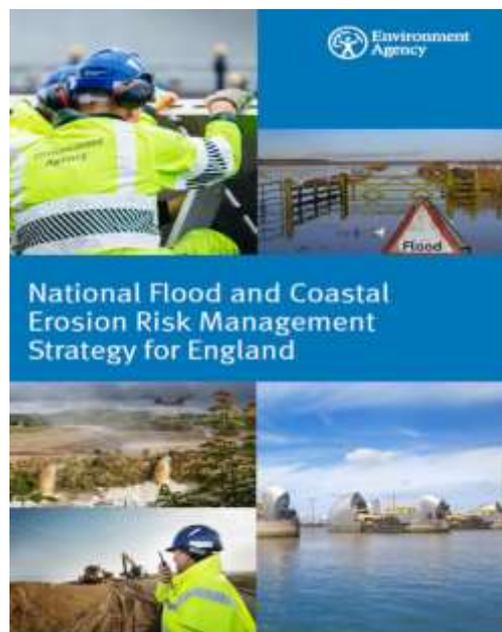
Recommendation(s):

Members of the Flood and Water Management Scrutiny Committee are invited to consider and comment on any aspects of the report and to highlight any recommendations or further actions for consideration.

1. Background

1.1 The 2020 Flood and Coastal Erosion Risk Management Strategy’s long-term vision is for: a nation ready for, and resilient to, flooding and coastal change – today, tomorrow and to the year 2100. It has 3 long-term ambitions, underpinned by evidence about future risk and investment needs. They are:

- **Climate resilient places:** working with partners to bolster resilience to flooding and coastal change across the nation, both now and in the face of climate change
- **Today’s growth and infrastructure resilient in tomorrow’s climate:** making the right



investment and planning decisions to secure sustainable growth and environmental improvements, as well as infrastructure resilient to flooding and coastal change

- **A nation ready to respond and adapt to flooding and coastal change:** ensuring local people understand their risk to flooding and coastal change, and know their responsibilities and how to take action

1.2 This paper is intended to be a quick guide and reference document to the strategic work being carried out in the area by the Environment Agency. Our strategic work helps to define the interventions needed to reduce flood risk particularly where there are many interdependencies, stakeholders and a range of potential options available.

2. Humber 2100+

The Challenges

2.1 The Humber area is of huge importance both regionally and nationally. Home to approximately half a million people, it contains the largest trading estuary in the UK, important industrial centres and also internationally significant natural assets. Whilst the bulk of the study area lies outside of Lincolnshire, the tidal influence extends into the county on tributaries including the River Trent and the River Ancholme.



Figure 1: Humber 2100+ Strategy Area

2.2 The area of low-lying land around the Humber Estuary is particularly vulnerable to the impacts of climate change and sea level rise with the risk of tidal flooding extending surprisingly far inland. Although communities have benefitted from flood defence improvements in recent years, there is still an ever-present risk of tidal flooding, particularly due to the possibility of a tidal surge overwhelming existing defences.

2.3 The latest information suggests that the Humber could experience as much as 1.3m of sea level rise in the next 100 years, increasing the risk of more frequent and widespread tidal flooding both along the coast and further inland along tidal rivers.

Flood Risk Management

2.4 Tidal flood risk on the Humber is currently managed via the Humber Flood Risk Management Strategy 'Planning for the Rising



Figure 2: The Humber Bridge

Tides’ which has improved the standard of protection to 70,000 properties. However, since the publication of the existing Strategy (2008), new evidence (e.g., climate change impacts, policy changes, 2013 tidal surge) means that a change in approach is needed to manage tidal flood risk in the future. As a result, the Environment Agency were asked to work in partnership with local authorities to review the way flood risk is managed around the Humber estuary in the future. This is being done alongside continued delivery of projects under the existing strategy, which are being developed with consideration for the future direction of travel.

Partnership

2.5 The Humber 2100+ Partnership aims to re-define the strategic approach to managing tidal flood risk on the Humber and is made up of the Environment Agency and twelve local authorities, along with support from other organisations. The project is also seeking input throughout the process, engaging with stakeholders, businesses and the wider public.



Figure 3: Humber 2100+ Partners

2.6 Since 2015 when the partnership was established, we have been developing technical evidence (such as modelling) and engaging with key stakeholders and the public. This included awareness raising and gaining local understanding of flood risk management needs for the estuary. We are working in partnership to develop an integrated long-term approach to managing tidal flood risk and increasing resilience, which is sustainable and adaptable, responds to climate change and supports present and future health and wellbeing of communities, the environment and sustainable economic growth.

An Adaptive Approach

2.7 The Strategy will need to ensure that the right decisions are made as a place now, whilst remaining adaptable and flexible to future change – known as an ‘adaptation pathway’. By taking an adaptive approach, the strategy will take into account predicted climate change impacts and be able to respond to changes, such as economic, social and political circumstances, as they arise, and bring in new science and technological innovations. The advantage of an adaptive strategy is that it provides a framework of technically feasible ways of managing flooding, which allows for priorities to shift if different funding mechanisms become available over time.

3. Middle River Ancholme – Catchment Management

- 3.1 Our South Humber & East Coast Partnerships and Strategic Overview Team (PSO) is progressing with the delivery of the shoreline projects of the South Humber together with finding a way forward with the fluvial issues of the River Ancholme catchment. The Middle River Ancholme - Catchment Management is set up to deliver the policies within the Ancholme Catchment Flood Management Plan (CFMP). A new approach aims to build a partnership with the landowners and Ancholme IDB to develop a more affordable, sustainable and flood resilient approach.
- 3.2 This will mean apportioning the available economic benefits to justify a range of investments to existing Main River, surface water and land drainage networks, and potentially adjust the governance to some of the watercourses. This collaboration will also involve the newly formed Ancholme Catchment Partnership and considers the need for water storage for both public/industry water supply and irrigation purposes. This is a long term and phased approach which complements the catchment modelling and forward planning being undertaken by Ancholme IDB.

4. East Coast

The Challenge

- 4.1 The tidal flood plain stretches up to 15km inland along the Lincolnshire Coast and flood defences stretching 26 miles from Saltfleet to Gibraltar Point prevent inundation of this land for more than half the 'high tides' in any year. The defences were improved following the tidal surge of 1953 when 43 people lost their lives and were then improved and protected by a man made beach during the 1990's. Whilst beach nourishment remains a successful solution for now, climate change and aging hard defences means that we need to consider the long term future of flood risk management.



Figure4: Map of the Saltfleet to Gibraltar Point Strategy area

The Future

- 4.2 We will continue to manage flood risk to the existing standard over the coming years to protect 30,000 homes and businesses, 19,000 static caravans, and 35,000 hectares of land through beach nourishment. The Saltfleet to Gibraltar Point Strategy identified a strong business case to continue to invest and we are now

working with Partners to consider the most appropriate investment to adapt to climate change to deliver safe and sustainable communities.

Contact: deborah.campbell@environment-agency.gov.uk



Figure 5: Beach nourishment along the East Coast

5. Steeping River Catchment Action Plan

Steering Group

- 5.1 Following the flooding in June 2019 in which 75 homes and businesses, and over 2000 acres of agricultural land were flooded, the Lincolnshire Floods and Water Management Partnership set up a Catchment Steering Group.
- 5.2 This partnership made up from representatives of community, Environment Agency, Lindsey Marsh Drainage Board, Lincolnshire County Council, National Farmers Union and East Lindsey District Council.
- 5.3 The Steering Group, supported by a resilience group has overseen the development and subsequent continued delivery of the Steeping River Catchment Action Plan under the themes below.

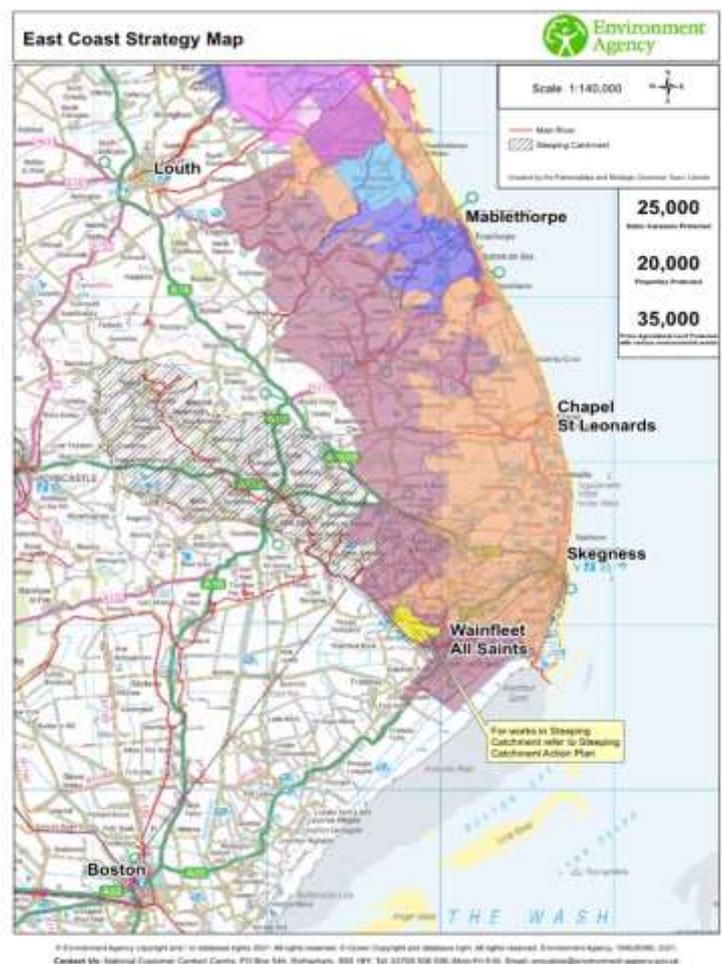


Figure 6: Steeping River Catchment within the East Coast Strategy Map

Improving the flow through the system

- 5.4 Continued effective weed management including the use of targeted dredging. To date 7.5km have been dredged, and over 56000m³ silt have been removed and stored in local lagoons ready for reincorporation onto local agricultural land. With more planned in early 2022.



Figure 2: A dredger in operation

A resilient community and infrastructure

- 5.5 Working with communities, Parish Councils, Farmers, and local businesses to help them understand the risks, and how they can be better prepared for any future events. The impacts of the pandemic mean progress in this area has been limited. However, we have continued to improve the EA Flood Warning Service by updating the catchment and flood forecasting models. This will improve the timeliness and accuracy of flooding warnings and enable work towards a community-based flood warning service.

Strengthening and maintaining defences

- 5.6 We are continuing with regular inspections and maintenance of flood defences and have an extensive and ongoing programme of prioritised repairs. A strategic outline case study is underway to determine how best we can improve these defences in the future including an update of the existing hydraulic flood model.

Flood Water Storage

- 5.7 We are currently investigating the use of Natural Flood Management techniques across the upper catchment of the Steeping. Working with landowners to find practical schemes that will not only to slow the flow of water entering the lower river system and improving biodiversity.

6. Witham Catchment Strategic Work

Lower Witham Flood Resilience Project

- 6.1 The Lower River Witham Fenland in Southern Lincolnshire has had a 50-year flood risk management strategy in place since 1997. Now at the halfway point of this strategic approach, the Environment Agency is starting a project to update and

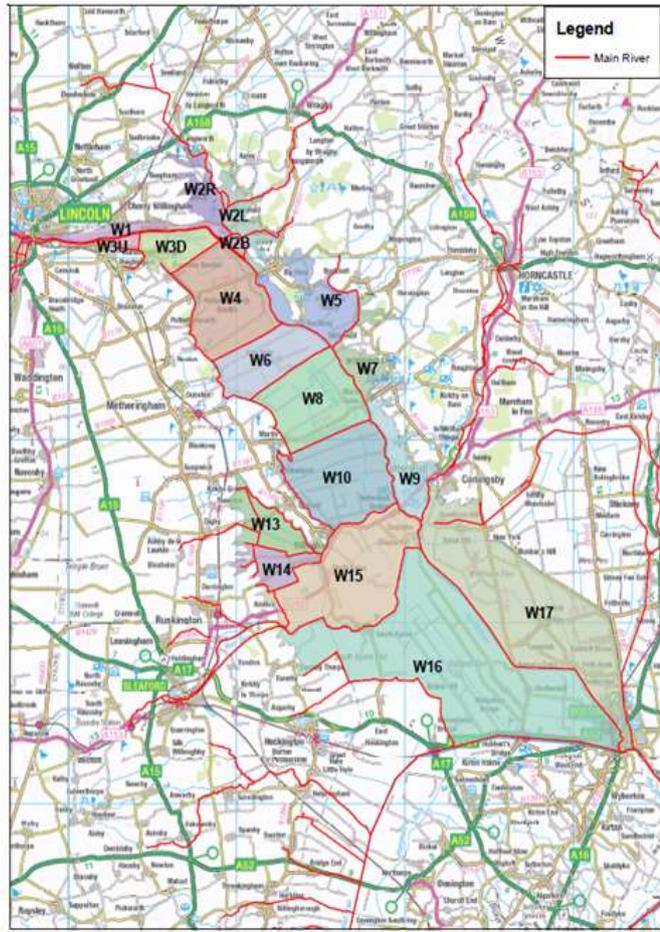
review the original strategy, and finish what was started back at the turn of the century.



Figure 3: Short Ferry Road in December 2019, following a breached embankment

- 6.2 The Lower River Witham catchment's 300km of embankments are of significant age now (in excess of 200 years old) and increasing flood risk is testing these structures more than ever before, putting at risk the communities and economy of the area.
- 6.3 In 1997 the Lower Witham Strategy recommended reinforcement of key embankments whilst allowing some areas to flood, in order to relieve the pressure on the system. Since then 30km embankments have been reinforced, but repeated high flows (the most recent in 2019) have damaged more. Storage options were not previously implemented, due to availability of suitable sites and difficulties in meeting HM Treasury funding rules of the time. The works in the 2000s included the creation of Fiskerton Nature Reserve, as environmental mitigation. Now these types of works are seen as offering a real alternative to hard defences, providing room for flood water as well as having a lower carbon footprint and enhancing the local environment. With revised partnership funding rules, allowing more projects to proceed, and a new interest from land owners in providing public goods such as flood storage, it is hoped that the original vision can now be realised.

6.4 The Environment Agency project team have commissioned consultants Arup to undertake new surveys of the channels and embankments on the Lower Witham and build a state-of-the-art hydraulic model, taking into account the latest thinking on climate change. The surveys are due to begin this summer, with the new modelling delivered during 2022. Arup will also be bringing their expertise in stakeholder engagement to the project and will prepare a comprehensive plan to ensure that everyone living and working in the area can express their views.



Environment Agency copyright and / or database rights 2021. All rights reserved. © Crown Copyright and database right. All rights reserved. Environment Agency, 100026380.

Figure 9: Map showing the Lower Witham Flood Resilience Project Area, and individual flood compartments

6.5 The Lower Witham is one of six river catchments within the East of England Fens that will come together under the Future Fens: Flood Risk Management programme.

This work will contribute towards the ambitions for Climate Resilient Places within the National Flood & Coastal Erosion Risk Management Strategy where there is a specific measure focused on the Fens.

6.6 It is anticipated that a significant capital investment programme will start on the ground in 2025, and in the meantime the Environment Agency’s operational teams will continue to maintain and manage the flood risk assets where resources allow.

7. Billingham Skirth System Review

7.1 During the 2019/20 flooding in the catchment, particular issues were highlighted on the smaller sub-catchment of the Billingham Skirth tributary. In response a strategic review into the management of water levels, led by the Environment Agency and involving RMA partners, is being undertaken. The review is considering an agreed maintenance baseline for the watercourse, a partnership approach, and short- and long-term recommendations for managing flood risk taking into account funding constraints, flood risk priorities and environmental considerations. This work will feed into both the Lower Witham Flood Resilience Project and shorter-term maintenance and water level management planning.

8. Upper Witham Review

- 8.1 Although the Upper Witham System 72 (left) is identified as 'low consequence' it does have several assets (particularly embankments) which if they failed could have major consequences for transport infrastructure. With the accelerating effects of climate change, problems such as this will manifest themselves more frequently.
- 8.2 The current management of these systems is in need of review and reform to understand how effective and sustainable water level management can be take forward.
- 8.3 The review has so far highlighted several opportunities for a system wide reappraisal of the current constraint of the watercourse through embankments, moving toward reconnecting natural flood plains and utilising/promoting natural flood management in tributaries.

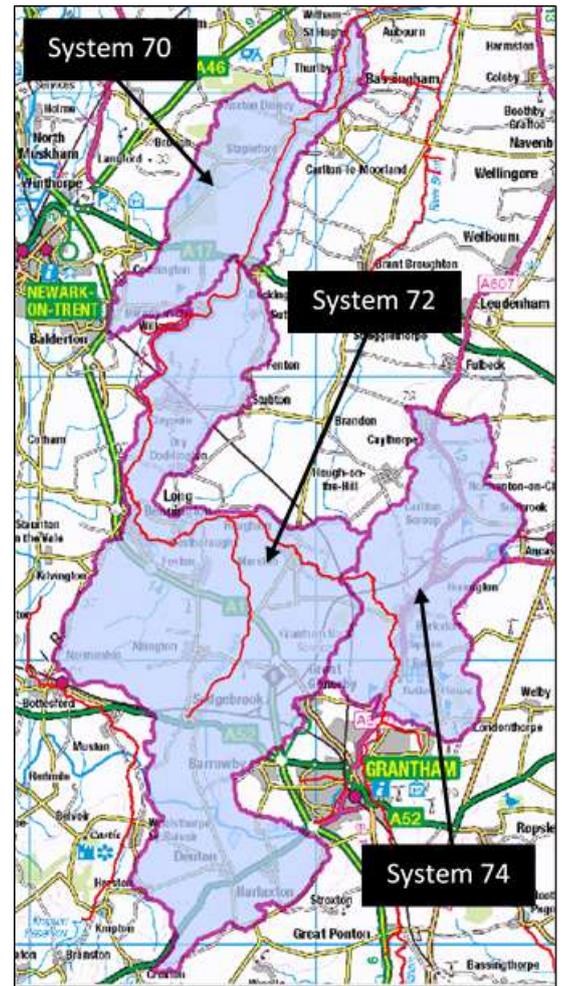


Figure 4: The Upper Witham System

9. Welland and Nene Strategic Work

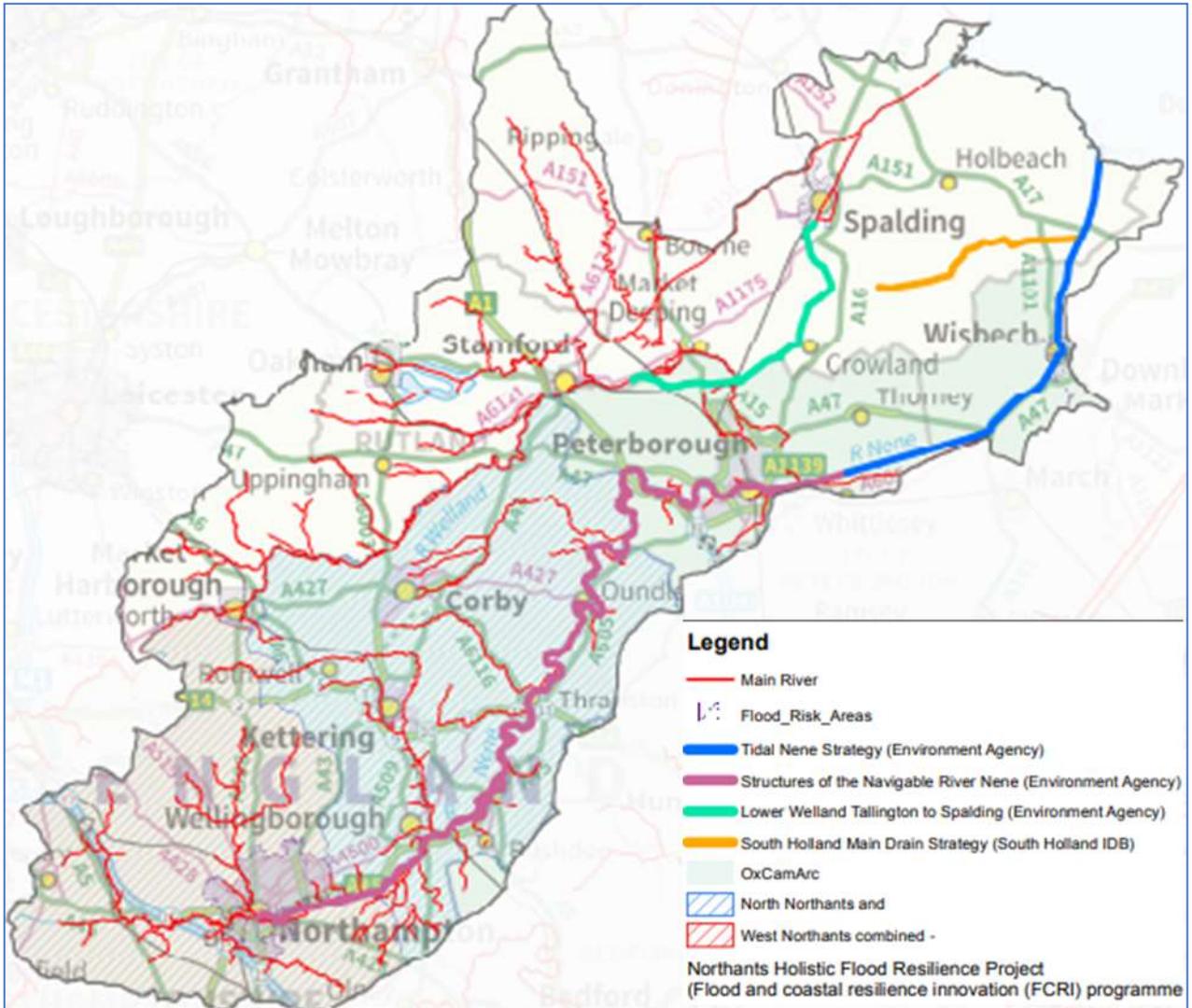


Figure 5: The Welland and Nene area, including associated strategies

Structures of the Navigable River Nene Strategy

- 9.1 Structures along the navigable stretch of the River Nene provide both water level management and flood risk benefits. The design life of the majority of the structures will come to an end in the next 40 years, and investment in refurbishment is a key priority for the region. The EA's whole life asset management will be applied to identify long term investment options. The RFCC has committed £1.5M local levy funding to support the future capital programme. A further £100k was committed by the RFCC in 2018 for the recruitment of a Funding and Strategy Senior Advisor dedicated to strategy development.
- 9.2 Advice from LPRG has brought confidence in bringing forward the Full Business Case assurance to October 2021. The business case will identify the need for investment based on the cost-effectiveness analysis, to fulfil legal requirements of the Anglian Water Authority Act 1977, avoiding structure failure risk and subsequent reputational and financial risk. LPRG are in support of an FBC for approval of £3M FDGiA over three years resulting in development of a strategy glossy, full public consultation, and delivery of a number of supporting products. Work undertaken to date to evidence the holistic benefits of investment above the 'do minimum' maintenance option will be further developed using these funds. Holistic benefits include flood, waterways, water resource, environmental, health & well-being & growth, quantified and described with partners and stakeholders across all sectors.
- 9.3 To date appraisal of asset condition and residual life for structures across the navigation have built an indicative 50 year investment programme, to inform the proactive whole-life management approach. The structures requiring investment in the first ten years have been identified, and the £1.1M local levy not profiled for strategy delivery has been allocated to these structures in several lines of the programme. Pilot modelling of structure failure scenarios will produce results at the end of June, to inform the approach to quantify the holistic benefits and to provide points prompts in discussions with stakeholders.

Tidal Nene Strategy

- 9.4 As part of the Collaborative Delivery Framework, Arup was commissioned to draw together a holistic baseline of knowledge relating to current and future flood risk management of the Tidal River Nene System. Arup have completed hydraulic modelling and a condition assessment of the Tidal Nene defences to support this. The updated evidence base is used to inform a suite of reports which seek to understand flood risk management now and in the future, considering a whole system approach and working with stakeholders. A clear understanding of collective aims and ambitions for the Tidal Nene system, coupled with the knowledge of the latest contextual information will provide a solid foundation for making sustainable investment choices. This will lead to outcomes that are mutually beneficial for all stakeholders.

Lower Welland Strategic Approach – Tallington to Spalding

- 9.5 Crowland and Cowbit Washes
- 9.6 The Crowland and Cowbit Washes (the Washes) have not been utilised in recent years and the Welland system has been significantly altered since their construction. The banks of the Washes are coming to the end of their design life, overtopping is possible and seepage is occurring.
- 9.7 Modelling and mapping is being carried out to provide a better representation of flood risk associated with the operation (or non-operation) of the Washes. Understanding how the Washes function, which communities benefit (currently estimated as 663 properties) from their existence and whether any improvements can be made to utilise them more effectively and reduce flood risk along with the implications of failure to store water will help us to determine how to continue maintain the standard of protection for Lower Welland catchment in line with the Welland CFMP recommendations.
- 9.8 The Welland Rivers Trust are also conducting a feasibility study and investigating local community and landowner interest in storing water on this land, restoring wet grazing.

10. Using Nature to Help Climate Resilience 2021-2027

- 10.1 Working with nature and natural processes is embedded across all three long term ambitions of the FCERM Strategy 2020, and covers, amongst many other things:
- 10.2 Making greater use of nature-based solutions that take a catchment led approach to managing the flow of water to improve resilience to both floods and droughts;
- 10.3 Maximising opportunities to work with farmers and land managers to help them adapt their businesses and practices to be resilient to flooding and coastal change.

Floodplain storage – re-connected paleochannel with storage ponds



Figure 6: Pictures showing a re-connected palaeochannel, with storage ponds, in use

- 10.4 This Anglian Northern Regional Flood and Coastal Committee (RFCC) strategy for using nature to help climate resilience has five main objectives to help the RFCC meet the specific aims, associated with nature based solutions, of the National Flood and Coastal Erosion Risk Management (FCERM) Strategy 2020.

The objectives are:

- 10.5 **Slowing the flow of water in the upper catchment and upstream of settlements.** This will be done through measures including Natural Flood Management (NFM) and better land management, to reduce peak flows at places at risk of flooding further down the catchment.
- 10.6 **Promoting forward-looking, collaborative schemes with multiple benefits.** We will seek to work with different teams across all RMAs and make the most of philanthropic, private, public and charitable sector opportunities that can provide wider catchment benefits across the RFCC area; providing maximum benefit for our local communities.
- 10.7 **Promoting collaborative thinking in the maintenance of flood risk assets.** This especially applies to assets that have come to the end of their economic life and offer an opportunity for change. We will balance the management of our

biodiversity obligations to help meet biodiversity net gain targets and carbon net zero aspirations.

- 10.8 **Make greater use of nature-based solutions that take a catchment led approach.** To managing the flow of water to improve resilience to both floods and droughts.
- 10.9 **Supporting Risk Management Authorities in meeting the nature based objectives of the FCERM strategy 2020.** This includes direct support, sharing good practice and training, including through continued funding of our work and the resources needed to deliver it.
- 10.10 Specific measures to be undertaken across the next six years for each of the above objectives have been identified.

11. Future Fens

Background

- 11.1 The lowland 'Fens' systems that are prominent across much of the RFCC landscape have unique characteristics that will present challenges in delivering the National Flood and Coastal Risk Management Strategy. Flood risk management is currently delivered in a large and complex landscape that includes many different assets and organisations. Limited state funding has often meant that repairs to assets has often been reactive, to repair damage after a flood. There is a large partnership funding challenge and carbon reduction is difficult in the pumped systems.
- 11.2 The National Flood and Coastal Risk Management Strategy ambition for 'Climate resilient places' includes objective 1.5; By 2030 risk management authorities will work with farmers and landowners to help them adapt their businesses and practices to be resilient to flooding and coastal change. Within this objective, the Fens specific measure below will help partnerships to plan investments to maximise benefits, adapt to a future climate and influence the policies that will be required to make this happen.

Strategy Measure 1.5.4

- 11.3 By 2025 the Environment Agency will work with farmers, land managers, water companies, internal drainage boards and other partners to develop a long-term plan for managing future flood risk in the Fens.

11.4 Agreed Actions

- 11.5 **Action 1:** Fens in the Anglian Flood Risk Management Plan

- 11.6 The Fens will be identified as a strategic area within the 2nd generation Anglian Flood Risk Management Plan. This will provide the strategic context for Risk Management Authorities to engage with a wide range of partners across the Fens

including farmers and land owners to develop the Fens strategic plan (see action 4 below).

11.7 (The FRMP action plan will be continually updated to reflect the work needed to develop the strategic plan and capture other opportunities that may fall outside of the scope of the Fens strategic plan)

11.8 **Action 2:** Using Gt Ouse work, adopt a consistent approach to Tactical Planning & Baselineing



11.9 Using the work pioneered within the Great Ouse Fens, Flood Risk Management Authorities across the whole Fens will adopt a consistent approach and methodology to tactical planning and base-lining. This doesn't necessarily need to mean consistent 'products' or vehicles, but there will need to be consistent data, evidence and guiding principles.

11.10 **Action 3:** Test alternative approaches to valuation of agricultural land

11.11 The FCRM base-lining of knowledge and evidence Fens will include working with the NFU and others to test an alternative approach to valuing agricultural land values within FCRM appraisal alongside the traditional method.

11.12 **Action 4:** Involve NFU and CLA in Future Fens: FRM Phase 2 scoping (ie adaptive plan/strategy)

11.13 Representative bodies for farmers and land managers to be involved in the scoping of the Fens strategic plan (Phase 2 of FCRM in the Fens). This will likely be a long term strategic appraisal, a collaboration between all Flood Risk Management Authorities in the Fens.

11.14 **Action 5:** 'Heat mapping' and plans for asset failure and recovery

11.15 Using the FCRM base-lining of knowledge and evidence alongside the tactical plans for FCRM infrastructure, a 'heat-map' will be developed to highlight the areas of the Fens where sourcing funding for investment in flood infrastructure will be most challenging. Using this the Environment Agency will work with landowners, farmers, other Risk Management Authorities and Local Resilience Fora to develop plans for asset failure and recovery.

11.16 **Action 6:** Inform and influence government policy and/or organisational approach

11.17 To enable the businesses and land practices of farmers and land managers to become resilience to flood and coastal change. The Environment Agency, with IDBs, Local Authorities and representative bodies for farmers and land managers

will use the knowledge and evidence gained through the previous actions under this measure, to provide advice to government on suggested areas for policy review and/or policy implementation approach.

12. Conclusion

Members of the Flood and Water Management Scrutiny Committee are invited to consider and comment on any aspects of the report and to highlight any recommendations or further actions for consideration.

13. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Morgan Wray, Flood and Coastal Risk Manager (EA) who can be contacted on morgan.wray@environment-agency.gov.uk.



Open Report on behalf of Andy Gutherson, Executive Director - Place

Report to:	Flood and Water Management Scrutiny Committee
Date:	20 September 2021
Subject:	Lincolnshire Riparian Project Update

Summary:

To discuss steps taken to date to develop the Council's approach to the network of riparian watercourses across Lincolnshire, along with strengthened engagement with riparian landowners. Members' support and guidance in developing the project is sought.

Actions Required:

Members of the Flood and Water Management Scrutiny Committee are asked to comment on the scope and status of the project and guide officers in developing the project further.

1. Background

The latest in a series of significant flooding events in Lincolnshire caused by severe weather and high rainfall took place in the latter part of 2019 and early 2020. As a result, the Council continues to progress a very high number of investigations into each incident. While this process is ongoing, the role of riparian (privately owned) watercourses in surcharging under high rainfall conditions and contributing to localised flooding is apparent in a number of locations.

Owners of land containing or abutting a watercourse are classified as riparian landowners. Where land abuts a watercourse there is a common law presumption that the owner of the land shall be responsible for the watercourse up to its centre point, unless evidence is provided to the contrary. In the context of this topic, watercourse means:

"any river or stream and all ditches, drains, cuts, culverts, dykes, sewers (other than public sewers within the meaning of the Water Industry Act 1991) and passages through which water flows. Water does not have to flow at all times of the year for it to be considered a watercourse".

Riparian landowners have a number of common law rights and responsibilities, including:
Rights:

- The right to receive flow of water in its natural state, without unnecessary interference in quantity or quality
- The right to protect property from flooding; however, in doing so must not increase the risk of flooding to others

Responsibilities:

- Maintaining the flow of the watercourse without obstruction, pollution or diversion
- The maintenance of flood defences that they are responsible for
- The maintenance of the beds and banks of the watercourse, including the removal of anything that could cause an obstruction

The responsibilities for ordinary watercourse regulation are derived from the Land Drainage Act 1991 as amended by the Flood and Water Management Act 2010. Within Lincolnshire, Lincolnshire County Council, leads on ordinary watercourse consenting and enforcement unless it is in an internal drainage district where Internal Drainage Boards lead on ordinary watercourse regulation. The permissive powers of Lincolnshire County Council with regards to ordinary watercourse regulation are outlined in Table 1.

Table 1 Summary of powers derived from the Land Drainage Act 1991

Land Drainage Act Section	Overview of Powers
21	Makes available powers for Lincolnshire County Council to serve notice on persons failing to carry out an obligation to do any work in relation to any watercourse, bridge or drainage work (whether by way of repair, maintenance or otherwise).
23	Consents to carry out works.
24	Lincolnshire County Council has permissive powers to serve notice for the removal of an obstruction erected, raised or altered without consent under Section 23.
25	Lincolnshire County Council has permissive powers to serve notice on a riparian landowner to ensure a watercourse maintains the free passage of flow.

Since 2014 Lincolnshire County Council has worked closely with Internal Drainage Boards, through a locally agreed Memorandum of Understanding. Under these agreements, Lincolnshire County Council delegates its land drainage powers to the Internal Drainage Boards, which then exercise them consistently on behalf of LCC across the county to manage consenting and enforcement of activities affecting ordinary watercourses.

This method has been effective in discharging LCC's statutory responsibilities, providing a consistent and professional level of service, whilst simultaneously providing value for money for Lincolnshire County Council.

Building upon existing arrangements Lincolnshire County Council has commenced a project with our partners in the Lincolnshire Flood and Water Management Partnership, interested stakeholders plus North and North-East Lincolnshire Councils to better understand the nature and extent of the potential for flooding from riparian watercourses across the Greater Lincolnshire area. These organisations have come together as part of the Lincolnshire Riparian Working Group and are looking at how the above can be managed more effectively, and how we can better engage with riparian landowners to help achieve this.

Overall, we are seeking to develop and implement a co-ordinated partnership approach to reducing the risk of flooding from riparian assets and watercourses to local communities, businesses and public infrastructure, such as the highways network.

Broader context

At a local level this initiative is unique to Lincolnshire – no other area is looking in similar detail at this issue – but there is national interest in a successful project through the Association of Drainage Authorities and also the Environment Agency, which has similar enforcement and consenting roles to those described above in respect of the main river network.

Progress to Date

To date, work completed includes

- Research by WSP on the feasibility of improving mapping of the riparian network and establishing responsibility for maintenance
- Desk-based research to identify and understand factors influencing behaviour change
- National survey of risk management authorities to identify key barriers and opportunities in practice
- Supporting the Environment Agency nationally in updating its guidance to riparian landowners

At present we are undertaking a questionnaire with selected parish and town councils to help identify how engagement with and support from local councils can be enhanced in relation to the riparian network, alongside developing a menu of practical management options, to be informed and shaped by the results of the questionnaire.

The options that could be taken forward currently include:

- Proactive countywide engagement with riparian landowners and where necessary enforcement

- The development and embedding of a countywide enforcement guide
- Strengthening the existing strong culture of co-operation across Greater Lincolnshire
- The extension of Internal Drainage Board operational boundaries
- The refinement of planning policy to ensure due regard is given to drainage and climate change adaptation / mitigation

Project Timeline

It is intended to finalise the short list of options in late October 2021, with commencement of identified options as soon as practicable following approval by the Council and partners, with the aim of implementing them for April 2023.

2. Conclusion

Members are asked to consider these approaches and continue to support officers with guidance and advice throughout the development of the Lincolnshire Riparian Project.

3. Consultation

a) Risks and Impact Analysis

N/A

4. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Ryan Davies, who can be contacted on 07917 520900 or Ryan.Davies@lincolnshire.gov.uk.



Open Report on behalf of Andrew Crookham - Executive Director - Resources

Report to:	Flood and Water Management Scrutiny Committee
Date:	20 September 2021
Subject:	Emergency Planning, Response and Co-ordination Update

Summary:

The following report summarises the recent work carried out by the Emergency Planning & Business Continuity Service with regards to the risk of flooding within the county.

Recommendation:

Flood and Water Management Scrutiny Committee to note the contents of this report for their information.

1. Background

Review of Multi-Agency Flood Plans

DEFRA, the lead government department responsible for flooding, published new guidance on the format and content of multi-agency flood plans (MAFPs) in September 2020, and as part of their review it was agreed that the Environment Agency would conduct an audit of existing MAFPs against this new guidance. The audit will highlight recommendations for individual LRFs to bring their MAFPs towards a more nationally consistent standard.

In Lincolnshire, the local Environment Agency office has conducted a pre-audit on our existing plans. Given the risk faced by Lincolnshire, the LRF has a separate Strategic Coastal Flood Plan to cover tidal flood risks, and an Inland Flood Response Plan to cover all other forms of flooding. Both have been through the pre-audit process, and work is ongoing to address the recommendations highlighted. This will place the plans in a good position prior to the formal start of the audit on 24th September.

Low Level Flooding Exercise

Learning from some of the smaller scale flooding incidents over the past twelve months has led to a review of the LCC Incident Response Procedures manual, and in particular a

relook at how low level flooding incidents are managed. These are incidents which fall well below the requirement for a full Lincolnshire Resilience Forum (LRF) multi-agency Strategic Co-ordination Group (SCG) response, and in the past have been dealt with by individual agencies with information shared with the Lead Local Flood Authority (LLFA) post-event for subsequent flood investigation.

Following discussions, it was suggested that there would be benefit from a small group of agencies coming together to discuss flooding incidents at a much lower level. This would both enable a shared early understanding of property flooding that may subsequently escalate to require a multi-agency response, but also enable a level of coordinated response to both maximise the effectiveness of existing resources and discuss additional options to support. It must be stressed that there will always be a limit to what can be provided to support households, and it remains the fact that there is no statutory responsibility on agencies to provide assistance.

It has been agreed that in future a small multi-agency group will form when calls for sandbags and other flooding requests begin to come into agencies, and where their existing capacity to respond is beginning to be stretched. The group will be formed upon request to the on-call Emergency Planning Duty Officers, who will cascade out to LCC Highways, Lincolnshire Fire & Rescue, and the relevant District Council for the area impacted, and bring these agencies together virtually to discuss the issues and seek options where possible.

In order to test whether this process would work in practice, an exercise was held on 25th August that included the above agencies, including an East Lindsey District Council representative where the exercise scenario was set. The initial activation process was followed and proved to be effective, but the exercise highlighted that a change in the early triggers for activation was required to take account of the greater capacity within LCC Highways to respond, and ensure that the group weren't getting involved too early when no coordinated response was required. The process will be amended to ensure that only as resources start to become stretched will the group be activated. As a follow-up, a further exercise is planned for 27th September, with the area to be impacted this time moving to West Lindsey.

FloodEx22

For many years representatives of the Emergency Planning & Business Continuity Service have sat on two wider flood groups; one bringing all LRFs along the River Trent to support the development of a Trent Flood Framework, and another bringing all the East Coast LRFs together to create an East Coast Flood Framework. In the past these groups have looked to conduct separate exercises relating to their specific flood risks. However, in 2022 it has been agreed that a single exercise will take place combining both risks. For many of the LRFs participating they will only be impacted by one of the two exercises, but as Lincolnshire has both the Trent and Coast within its boundary, both elements have an impact.

The exercise, entitled FloodEx22, is set to take place over the week of 19th-23rd September 2022, and is seeking participation from all counties from Northumberland to Kent along the coast, and all those along the Trent. It aims to test the freshly reviewed MAFPs as described earlier, as well as the wider joint frameworks developed to ensure a joined up approach to a regional risk between LRFs and Central Government.

Given the risk that flooding, particularly coastal flooding, poses to the communities of Lincolnshire, the LRF is looking to agree that FloodEx22 becomes its key multi-agency exercise of 2022, covering strategic, tactical and operational elements of the response and over a multi-day period. The exercise would enable the following to be tested;

- Exercising the Strategic Coastal Flood Plan for Lincolnshire, covering inundation of the east coast.
- Exercising the Inland Flood Response Plan, focusing particularly on a breach of the River Trent north of Gainsborough.
- Testing the use of drone technology to support remote identification of flooded Properties.
- Testing the Strategic Alliance agreement with neighbouring counties to support evacuees outside of the county.
- Examine evacuation of bariatric patients in advance of a forecast tidal surge.
- Refreshed mapping/GIS capability to enhance visualisation of flood risk.

The LRF has yet to complete this year's major exercise, Silver Siren, which takes place in October. Work by the LRF Flood Group to begin early development of FloodEx22 has already commenced.

2. Conclusion

The Service continue to develop close working partnerships with the Environment Agency and other LRF partners. Initial feedback on our plans has been really positive and we are confident that they are fit for purpose ahead of the upcoming audit.

The Service are also co-ordinating the LRF Pilot Funding project on behalf of our LRF. Project bids have been submitted to MHCLG relating to advanced mapping capabilities, use of drones and LRF engagement amongst others. If successful these projects will further enhance this area of work and reports will be submitted to the group in due course.

3. Consultation

a) Risks and Impact Analysis

N/A

4. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Ian Reed, Head of Emergency Planning & Business Continuity Service, who can be contacted on 01522 843409 or ian.reed@lincoln.fire-uk.org .



Open Report on behalf of Andrew Crookham, Executive Director - Resources

Report to:	Flood and Water Management Scrutiny Committee
Date:	20 September 2021
Subject:	Flood and Water Management Scrutiny Committee Work Programme

Summary:

This item enables the Committee to consider and comment on the content of its work programme to ensure that scrutiny activity is focused where it can be of greatest benefit. Members are encouraged to highlight items that could be included for consideration in the work programme.

The work programme will be reviewed at each meeting of the Committee to ensure that its contents are still relevant and will add value to the work of the Council and its partners.

Actions Required:

The Committee is invited to: -

- (1) review, consider and comment on the work programme; and,
- (2) highlight for discussion any additional scrutiny activity which could be included for consideration in the work programme; and note the terms of reference of the Flood and Water Management Scrutiny Committee, as agreed by the County Council.

1. Background

Overview and Scrutiny should be positive, constructive, independent, fair and open. The scrutiny process should be challenging, as its aim is to identify areas for improvement. Scrutiny activity should be targeted, focused and timely and include issues of corporate and local importance, where scrutiny activity can influence and add value.

Overview and scrutiny committees should not, as a general rule, involve themselves in relatively minor matters or individual cases, particularly where there are other processes, which can handle these issues more effectively.

All members of overview and scrutiny committees are encouraged to bring forward important items of community interest to the committee whilst recognising that not all items will be taken up depending on available resource.

2. Work Programme

29 NOVEMBER 2021		
Item	Contributor	
1.	Investigations undertaken under Section 19 of the Flood and Water Management Act 2010	Paul Brookes, Flood Risk Manager
2.	Environment Agency Update	Morgan Wray, Area Flood and Coastal Risk Manager
3.	Coastal Adaptation Strategy	David Hickman, Head of Environment
4.	Flood and Coastal Resilience and Innovation Programme - submission of outline business case Ref: I022487 [Pre-decision Scrutiny (feedback on decision)] [Executive Decision on 7 December 2021]	David Hickman, Head of Environment Paul Brookes, Flood Risk Manager
5.	Anglian Water Update	Jonathan Glerum, Anglian Water
6.	Lincolnshire Fire and Rescue New Pumping Equipment	Mark Baxter, Chief Fire Officer
7.	Black Sluice Pumping Station Project	TBC

21 FEBRUARY 2022		
Item	Contributor	
1.	Development Fund – Drainage Investigations and Flood Repairs - Update	Matthew Harrison, Senior Commissioning Officer Flood Risk
2.	Investigations undertaken under Section 19 of the Flood and Water Management Act 2010	Paul Brookes, Flood Risk Manager
3.	Environment Agency Update	Morgan Wray, Area Flood and Coastal Risk Manager
4.	Property Level Resilience Trial Project	Paul Brookes, Flood Risk Manager
5.	Anglian Water Update	Jonathan Glerum, Anglian Water

3. Conclusion

Members of the Committee are invited to review, consider and comment on the work programme and highlight for discussion any additional scrutiny activity which could be included for consideration in the work programme.

Consideration should be given to the items included in the work programme as well as any 'items to be programmed' that may be listed listed.

4. Consultation

a) Risks and Impact Analysis

Not Applicable

5. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Kiara Chatziioannou, Scrutiny Officer, who can be contacted on 07500 571868 or by e-mail at kiara.chatziioannou@lincolnshire.gov.uk.

This page is intentionally left blank