

Public Document Pack



County Offices
Newland
Lincoln
LN1 1YL

24 October 2013

Flood and Drainage Management Scrutiny Committee

A meeting of the Flood and Drainage Management Scrutiny Committee will be held on **Friday, 1 November 2013 at 10.00 am in Council Chamber Two, East Lindsey District Council, Tedder Hall, Manby Park, Louth, Lincs LN11 8UP** for the transaction of the business set out on the attached Agenda.

Yours sincerely

A handwritten signature in black ink, appearing to be 'Tony McArdle', written over a horizontal line.

Tony McArdle
Chief Executive

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

Councillors C L Strange (Chairman), Mrs V C Ayling (Vice-Chairman), A M Austin, C J T H Brewis, T Bridges, M Brookes, R G Fairman, J R Marriott, N M Murray, C Pain and R A Renshaw

Other Voting Members

District Councillor I G Fleetwood, West Lindsey District Council
District Councillor D Jackson, City of Lincoln Council
District Councillor R F Leggott, Boston Borough Council
District Councillor Mrs F M Martin MBE, East Lindsey District Council
District Councillor J Money, North Kesteven District Council
District Councillor B Russell, South Kesteven District Council
District Councillor M D Seymour, South Holland District Council

**FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE AGENDA
FRIDAY, 1 NOVEMBER 2013**

Item	Title	Pages
1	Apologies for Absence/Membership Changes	
2	Declarations of Members' Interests <i>(Councillors are reminded that there is no need to declare an interest if it has already been recorded on the register of disclosable pecuniary interests (DPIs) or notified to the Monitoring Officer in accordance with the regulations. However, Councillors declaring interests must state what the DPI is and accordingly not speak or vote on the item)</i>	
3	Minutes of the previous meeting of the Committee held on 5 September 2013	1 - 6
4	East Coast Flood Group and European Union Exchange of Experts <i>(To receive a report by David Powell, Head of Emergency Planning, in connection with an update on progress of the work of the East Coast Flood Group and the European Union (EU) Exchange of Experts (coastal flooding) programme)</i>	7 - 12
5	Monitoring performance under the Joint Lincolnshire Flood Risk and Drainage Management Strategy <i>(To receive a report by David Hickman, Team Leader, Environmental Services (Strategy and Partnership))</i>	13 - 18
6	Louth and Horncastle Flood Alleviation Schemes <i>(To receive a report by Mike Dugher, Environment Agency, in connection with progress made towards implementing flood alleviation schemes for Louth and Horncastle)</i>	19 - 22
7	The Flood and Drainage Management Scrutiny Committee Work Programme <i>(To receive a report by Liz Jones, Scrutiny Officer, in connection with the Committee's work programme)</i>	23 - 26

Democratic Services Officer Contact Details

Name: **Steve Blagg**

Direct Dial **01522 553788**

E Mail Address steve.blagg@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.

All papers for council meetings are available on:
www.lincolnshire.gov.uk/committeerecords



**FLOOD AND DRAINAGE
MANAGEMENT SCRUTINY
COMMITTEE
5 SEPTEMBER 2013**

PRESENT: COUNCILLOR C L STRANGE (CHAIRMAN)

Councillors Mrs V C Ayling (Vice-Chairman), A M Austin, C J T H Brewis, T Bridges, M Brookes, R G Fairman, J R Marriott, C Pain, R A Renshaw, I G Fleetwood (West Lindsey District Council), District Councillor R F Leggott (Boston Borough Council), District Councillor Mrs F M Martin MBE (East Lindsey District Council), District Councillor B Russell (South Kesteven District Council) and District Councillor M D Seymour (South Holland District Council)

Councillors D C Hoyes MBE, J P Churchill and A H Turner MBE JP attended the meeting as observers

Officers in attendance:-

Matthew Harrison (Highways Officer), David Hickman (Environmental Services Team Leader (Strategy and Partnership)), Liz Jones (Scrutiny Officer), Jonathan Learham (Anglian Water), Mark Robinson (Environment Agency), Mark Welsh (Floods, Water and Major Developments Manager), Mr D Sisson (Lindsey Marsh Drainage Board), Steve Willis (Assistant Director, Environment, Planning and Customer Services) and Rachel Wilson (Democratic Services Officer)

12 APOLOGIES FOR ABSENCE/MEMBERSHIP CHANGES

Apologies for absence were received from Councillor N M Murray (Lincolnshire County Council) and Councillor D Jackson (City of Lincoln Council).

An apology for absence was also received from Councillor C J Davie, Executive Councillor for Economic Development, Environment, Planning and Tourism.

13 DECLARATIONS OF INTEREST

There were no declarations of interest at this point in the meeting.

**14 MINUTES OF THE PREVIOUS MEETING OF THE COMMITTEE HELD ON
19 JULY 2013**

RESOLVED

That the minutes of the previous meeting held on 19 July, 2013 be confirmed as a correct record and signed by the Chairman.

15 SURFACE WATER FLOOD MAPPING

Consideration was given to a report which briefed the Committee on surface water flood mapping and the progress made to date in producing the maps before the deadline of 22 December 2013.

It was reported that the Flood Risk Regulations required flood maps to be produced and published for rivers, the sea, reservoirs and surface water by 22 December 2013. Lead Local Flood Authorities were working with the Environment Agency to produce surface water maps.

Members of the Committee received a presentation which provided them with detailed information in relation to the following areas:

- Recent history of surface water flood mapping;
- uFMfSW in the Context of the Local Strategy;
- Local Surface Water Flood Risk information;
- PFRA Data Gathering and Outputs;
- Insufficient Evidence to Determine Local Flood Risk Areas;
- Draft Flood Risk Assessment Report (1) – PFRA review and data collection;
- Draft Flood Risk Assessment Report (2) – Target Areas;
- Draft Flood Risk Assessment Report (3) – Increase flood risk evidence;
- Draft Flood Risk Assessment Report (4) – Report and map outputs;
- Draft Flood Risk Assessment Report (5);
- uFMfSW National Coverage and Improved Science;
- Local Model Parameters;
- Lincolnshire Percentages for Rural run-off;
- First Impressions – Very good;
- uFMfSW in the Planning Process;
- Properties at risk, comparison of County Councils, December 2009;
- The need for uFMfSW in the Planning Process;
- Role of the Local Planning Authority (LPA);
- Site Specific Flood Risk Assessments (FRAs);
- Key Messages

Following the presentation, Members were provided with a practical demonstration of the updated Flood Mapping for Surface Water (uFMfSW).

The Assistant Director Environment, Planning and Customer Services informed the Committee that the County Council had responded to a consultation regarding flood insurance. It was reported that the proposed scheme had the support of the insurance industry and that there would be a cap on the amount that could be charged, linked to Council Tax banding. It was explained that the proposed scheme would work in a similar way to car insurance.

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

FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE
5 SEPTEMBER 2013

- There were maps which showed the impact of coastal flooding in Lincolnshire, however, the maps being discussed only showed the impact of flooding from surface water;
- There was a need to assess all the flood risk together, as it did not matter to a community whether the flooding was caused by surface water or the sea/rivers;
- The 'run off' percentages related to the permeability of the land, and what percentage of the water was running off and not soaking into the ground;
- The condition of the land had an impact on whether the water would run off or not;
- Members were pleased that these maps were being shared with drainage boards;
- There was a need to make use of local knowledge, as district councillors had turned down planning applications in the past as it was known the area was prone to flooding, but these decisions were then overturned by planning inspectors;
- The maps had been produced based on data from an average year and 2012 had not been an average year;
- Surface water flooding tended to be driven by convective rain fall;
- When the County Council became the SUDS approving body, it would become a key consultee in the planning process;

Demonstration of the mapping technology:

- The maps showed excellent detail;
- A scheme to improve Stamp End in Lincoln was being considered through the Flood Defence grant scheme;
- There was a need to be able to differentiate between topographical and infrastructure issues on the maps;
- Members were pleased that there was more awareness and preparedness around flooding, but there was a need to stop building on flood plains;
- There had been a lot of new development in Horncastle, and there were concerns about how up to date the maps were;
- There was no cost to the authority for these maps as they had been produced nationally;
- The public would be able to use these maps to see if their property was at risk of flooding, and the authority would be able to use it to determine which communities were vulnerable;
- Members were informed that if they contacted their local highways officer they would go through their own wards with them using this technology;
- It was noted that these maps would not pick up on any flooding issues which had been caused by drainage issues, as the mapping was done using planes which would only see what was on the ground;

•
RESOLVED

That the presentation be received and the comments made be noted.

**FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE
5 SEPTEMBER 2013**

16 IMPLEMENTING THE FLOOD RISK REGULATIONS 2009 - THE FLOOD RISK MANAGEMENT PLAN

Consideration was given to a report which briefed the Committee on the next statutory measures to be implemented under the Flood Risk Regulations 2009, and outlined the ways in which partner organisations in Lincolnshire were engaging with the early stages of this work.

It was noted that officers were still in the early stages of developing the Flood Risk Management Plan and would keep Members involved in the plan as it developed.

RESOLVED

That the report and steps taken to develop a joint approach consistent with National and Local Flood Risk Management Strategies be noted.

17 LINCSHORE AND SALTFLEET TO GIBRALTAR POINT COASTAL MANAGEMENT REVIEW - UPDATE

The Committee received a report and presentation from the Environment Agency's Area Coastal Manager which provided a summary of the approaches to be considered for the future flood risk management of the coast between Saltfleet and Gibraltar Point.

Members received a presentation which provided them with detailed information in relation to the following areas:

- Introductions;
- Strategy Objectives;
- Partnership Funding;
- Evaluation of Options;
- High Level Approaches;
- Annual Beach Nourishment (With Present Management)
- Annual Beach Nourishment (present quantities);
- Annual beach nourishment (present standards);
- Annual beach nourishment (WPM);
- Alternative open beach management options;
- Different nourishment option – example;
- Change beach material;
- Alternative open beach management options;
- Seawalls only;
- Seawall raise;
- Seawall widen;
- Seawalls;
- Beach management with control structures;
- Compartmentalisation;
- Embayments example;
- Mixture of approaches;
- Compartmentalisation;

FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE
5 SEPTEMBER 2013

- Hybrid of approaches;
- Attractive 'natural' areas;
- What are coves?
- Hardpoints;
- Other parts of the frontage;
- Hybrid Approach;
- Next steps;

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

- The user friendliness and effectiveness of any system put in place would need to be considered;
- The beauty of the Lincolnshire coastline was that it was relatively untouched, and a compromise would need to be found which would retain the natural beauty of the area;
- There was a need for a balance between what could be done and what the authority could afford;
- Both coastline and agricultural land was at risk of flooding, whatever option was chosen would affect tourism;
- This issue of funding improvements in sea defences needed to be looked at from a national and not just county council perspective, as it would help investment and protect agricultural land;
- The way that the government provided funding was changing, and the more benefits to an area which could be shown then the more likely that the funding would be awarded. There would however, still need to be a county council contribution, but the level of that contribution would be the issue;
- A lot of progress had been made since the floods of 1953, but there was a need to look at cheaper ways of protecting the coastline which would be more affordable at the moment;
- The aggressive nature of the sea on the Lincolnshire coast needed to be considered;
- It was important to work with the local community to find out what they wanted, and how they wanted to see the coast in the future;
- Funding was in place for one more year of work on the current Lincshore project, so in the next 12 months work needed to be progressed on how the project would move forward after this;
- The challenge was the scale and extent of the defences needed, as well as the number of businesses to interact with;
- There was a strong case for Lincolnshire to receive national funding for sea defences;
- The weather conditions in 2013 which had caused large quantities sand to blow off the beach had been exceptional;
- A combination of approaches would probably be the best solution;
- In terms of the volume of material which was added to the beach as part of Lincshore, very little of it made up the sediment which was being deposited in the Wash;

**6
FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE
5 SEPTEMBER 2013**

- It would be more beneficial if sea defences were attractive and had a tourism function, such as a route for walking or cycling along the coast;

RESOLVED

That the comments made in relation to the approaches presented be noted.

18 FUNDING FOR WATER MANAGEMENT

Consideration was given to a report which outlined the current arrangements for funding flood and drainage management.

It was reported that overall public funding for flood risk and drainage management in Lincolnshire would amount to about £38.4m in 2013-14, and would include expenditure on major fluvial and coastal works, schemes to manage local flood risk, maintenance of flood risk assets, management of data and strategic planning, among other initiatives. However, it was noted that this did not include Environment Agency costs or investments from water and sewerage companies.

RESOLVED

That the report be noted.

**19 FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE'S
WORK PROGRAMME**

The Committee considered a report which enabled it to consider its work programme for the coming year.

The Committee was reminded that the next meeting would be taking place at the East Lindsey District Council Offices at Manby, which would be followed by visits to sites of interest in the East Lindsey area with the Lindsey Marsh Drainage Board and the Environment Agency.

It was requested that an itinerary for the November meeting be circulated.

RESOLVED

That the work programme be noted.

The meeting closed at 12.35 pm

**Open Report on behalf of Pete Moore,
Executive Director, Resources and Community Safety**

Report to:	Flood and Drainage Management Scrutiny Committee
Date:	01 November 2013
Subject:	East Coast Flood Group and European Union Exchange of Experts

Summary:

To provide members with an update on progress of the work of the East Coast Flood Group and the European Union (EU) Exchange of Experts (coastal flooding) programme.

Actions Required:

The committee is invited to consider and comment on the report.

1. Background

One of the most important resilience innovations driven by 'localism' has been the creation, as a result of critical discussions with other Local Resilience Forum (LRF) and central government colleagues, of the '**East Coast Flood Group**'.

The group brings together planners from coastal LRFs, Environment Agency, Met Office Flood Forecast Centre, Utilities, the Voluntary Sector and lead government departments including the Department of Environment, Food and Rural Affairs (DEFRA), Department for Communities and Local Government (DCLG), Ministry of Defence (MOD), Department for Transport (DfT) and Civil Contingencies Secretariat, to *collaborate* on efforts to prepare for this major risk by removing geographical and structural barriers. Although this collaboration remains locally driven, its sponsorship within DEFRA's flood emergencies programme has ensured synergy with wider flood risk management within England and Wales.

This work also led to the initiation of an European Union (EU) 'Exchange of Experts' (coastal flooding) programme, facilitating information and knowledge exchanges, based on how prepared governments and responders are in the event of coastal flooding.

2. Conclusion

Lincolnshire's Resilience Forum led by the County Council, East Lindsey District Council and the Environment Agency, has been at the forefront of both pieces of work which are complementary to wider efforts to mitigate or reduce the risk of flooding in the county. The attached report provides the scrutiny committee with an overview of work to date.

3. Consultation

a) Policy Proofing Actions Required

Not applicable

4. Appendices

These are listed below and attached at the back of the report	
Appendix A	East Coast Flood Group Report

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 David Powell, who can be contacted on 01522 582224 or david.powell@lincoln.fire-uk.org.

Coordinating planning across resilience boundaries; the East Coast Flood Group and EU 'exchange of experts' programme

East Coast Flood Group

“As a ‘tier one risk’ to UK national security, coastal flooding provides a compelling backdrop to the challenges of effective resilience co-ordination at local, sub-national and national levels”

One of the most important resilience innovations driven by ‘localism’ has been the creation, as a result of critical discussions with other Local Resilience Forum (LRF) and central government colleagues, of the **‘East Coast Flood Group’**.

The group brings together planners from coastal LRFs, Environment Agency, Met Office Flood Forecast Centre, Utilities, the Voluntary Sector and lead government departments including DEFRA, DCLG, MOD, DfT and Civil Contingencies Secretariat, to *collaborate* on efforts to prepare for this major risk by removing geographical and structural barriers. Although this collaboration remains locally driven, its sponsorship within DEFRA’s flood emergencies programme has ensured synergy with wider flood risk management within England & Wales.

“The group has the simple objective of influencing national, sub-national and local planning and policy designed around coastal flood risk”

With terms of reference including raising the profile of East Coast Inundation, encouraging planning for inundation across the different LRFs, identifying and addressing gaps in the current capabilities program, funding opportunities to promote planning research, developing, coordinating and sharing learning amongst the LRFs at threat from East Coast inundation; this unique approach sets a good resilience collaboration model for other similar major risks affecting one or more regions, and was recognized as such within HM Governments’ response to the **Exercise Watermark** final report;

‘Engagement & planning’ (key recommendation 2): wide-area planning and arrangements for flood response organisations on the east coast should be developed and adapted for different wide-area emergencies. These groups should consider producing wide-area plans or frameworks;

(Government response to the Exercise Watermark Final Report, DEFRA 2012)

The group has brought together emergency responders and key partners along the east coast of England to work to improve plans for mass evacuation and improving the coordination of the emergency response by sharing best practices and improving mutual aid. As recommended, this includes the production of a comprehensive East Coast Flood Emergency Framework. A Central Government Group for coastal flooding has also been created to ensure a coordinated and consistent approach developing work that will improve UK flooding preparedness.

Flood & Drainage Management Scrutiny Committee Report

Specific drivers for this project include an identified need to close gaps in resilience planning and understanding of the threat of a coastal flood (including community preparedness), addressing the challenges of effective coordination of resilience responses and recovery to a coastal flood event at national, sub-national and local level, and establishing the groups' role as a recognised consultative body to examine contributions to, or recommendations from, government papers such as the Exercise Watermark Report.

“Their (*Lincolnshire Resilience Forum*) work has helped drive work forward at a national level, making a significant contribution to flood resilience, and supporting a co-ordinated approach amongst all Local Resilience Forums at threat from East Coast Inundation”

(Christina Scott, Director of Civil Contingencies Secretariat, 2012)

We continue to engage as many key stakeholders as possible, including elected members, the LGA Coastal Special Interests Group and others. We have recently welcomed members of the national flood forum to advise on community resilience and recovery. The East Coast Flood Group has shared some its learning through the National Resilience Extranet, case studies (see Lincolnshire’s Resilience Forums ‘Using Coastal Flooding as a Programme for Change’) and sharing specific research examining mass evacuation and needs of vulnerable people.

EU ‘exchange of experts’ programme (2010-14)

Following a visit to the Charente-Maritime, France in the immediate aftermath of ‘Tempet Xynthia’ in 2010, the UK was also successful in initiating an **EU coastal flooding ‘exchange of experts’** programme to learn from colleagues in Holland, Iceland, France, Germany and Poland, all of whom face similar coastal threats. The exchange was developed by the co-founders of the ECFG and CCS; together with Professor Duncan Shaw which, in turn, enabled us to tap into the invaluable learning from the EU sponsored ‘Evacuation Responsiveness by Government Organisations (ERGO) project.

Funded by the European Union, the experts programme facilitates information and knowledge exchanges based on how prepared governments and responders are in the event of coastal flooding. The criteria for participating in the programme (the first UK-led initiative of its kind), was based on a coastal flood risk where over 50,000 members of the public are at risk from coastal flooding, a significant portion are vulnerable and cannot evacuate themselves, and the focus is on emergency response and long term recovery

Six countries make up the core of the programme, each observing four significant exercises or events on coastal flooding, and a final fifth session on lessons learnt from the exchange (Feb 14) will lead to the publication of a report for the civil protection communities of the EU. The four host countries were the UK, Netherlands, France and Iceland. Poland and Germany are participating as official observers, with the USA and Australia also joining in the exchange as ‘guests’, ensuring we were able to draw on lessons from Hurricane Irene and Australian wide-area flooding events in 2012..

Flood & Drainage Management Scrutiny Committee Report

Lessons from these exchanges have been fed back into the East Coast Flood Group and DEFRA, directly influencing the UK response framework, and a number of UK emergency planners were able to participate in the various events. Future EU collaboration and civil protection funding opportunities will now also be explored by the East Coast Flood Group.

Conclusion

The **East Coast Flood Group** work programme and **EU exchange** continue at a pace through to completion in 2014. There is much left to do. Strengthening community resilience and flood response planning will continue to be the focus. However, 2013 provides a unique opportunity to recognize the work completed in delivering this successful collaboration; especially as it is the 60th anniversary of the biggest-ever natural environmental disasters in modern times to affect the east coast of England.

Events up and down the east coast in January this year commemorated the '53 floods whilst celebrating the advancements made in defending the coast, keeping people safe and emergency response. A focal point for current planning was provided by the hugely successful conference run by the East Coast Flood Group and hosted by the Humber Local Resilience Forum. The conference was used to officially launch the emergency framework, and our outcome-related 'shared ambition' for the work of the group;

“We want our coastline to be a safe, attractive and prosperous place for residents, business and visitors. We are all working together to protect and benefit the coastline. The coast is better protected now than at any time. However, everyone needs to know that there is always the possibility of flooding, and climate change will make this more likely. When flooding happens, we have plans to cope but we want to encourage individuals and communities to take action too, to help protect themselves, their homes and businesses”

(East Coast Flood Group 'shared ambition')

The conference engaged the widest range of stakeholders to date, with over 200 attendees from emergency services and other response organisations, voluntary sector and community groups, and elected representatives. Delegates represented every coastal and neighboring county likely to be affected by a repeat East Coast event demonstrating the commitment to the groups work, as captured in the key note speech by DEFRA Minister, RH Richard Benyon;

“I know the East Coast Flood Group plans to further consider mass evacuation, including sharing best practice and improving mutual aid arrangements ... and I welcome the publication today of the East Coast Framework as a document from which we can all draw learning and consider the lessons ... I congratulate the group as a great example of localism in practice”

(RH Richard Benyon, Parliamentary Under-Secretary for Natural Environment, Water & Rural Affairs, to Conference; Jan 2013)

Flood & Drainage Management Scrutiny Committee Report

Lincolnshire's Resilience Forum led by the County Council, East Lindsey District Council and the Environment Agency, has been pivotal in co-founding both the East Coast Flood Group and progressing the EU Exchange of Experts. This report updates scrutiny committee on work to date.

David Powell

Co-founder & Chair of ECFG

(Head of Emergency Planning, Lincolnshire County Council
Secretariat to Lincolnshire Resilience Forum)

September 2013

Open Report on behalf of Richard Wills, Executive Director for Communities

Report to:	Flood and Drainage Management Scrutiny Committee
Date:	01 November 2013
Subject:	Monitoring performance under the Joint Lincolnshire Flood Risk and Drainage Management Strategy

Summary:

To discuss and develop the draft performance framework for the Joint Lincolnshire Flood Risk and Drainage Management Framework.

Actions Required:

To consider and comment on the draft performance framework provided at Appendix A.

1. Background

The Flood Risk and Drainage Management Scrutiny Committee has overseen the development and implementation of the Joint Lincolnshire Flood Risk and Drainage Management Strategy ('the Strategy') with the earliest consideration of the Strategy in 2011.

With the Strategy completed and implementation in progress, it is important that monitoring arrangements are put in place to support robust scrutiny of the Strategy's effectiveness, and to help the partnership to manage and guide delivery of its joint objectives.

A draft framework has been compiled, attached as Appendix A, detailing a range of measures which members may wish to consider for inclusion in the final performance framework. These have been subject to initial discussion by the partner agencies delivering the Strategy.

In brief, the purpose of the framework is to provide a set of measures which provide a meaningful snapshot of progress in delivering the broad objectives approved by the flood risk and drainage management partnership. It is intended that the final framework should be clear and useful to members for scrutiny purposes, as well as providing a tool for those managing delivery.

The measures so far proposed for inclusion in the framework are drawn from a range of sources, principally the following:

- Strategic objectives and outcomes agreed in the strategy
- The Strategic Environmental Assessment and Equalities Impact Assessment completed as part of developing the strategy
- The activities set out in the Strategy's Action Plan for 2013-14
- Statutory requirements in the Flood Risk Regulations 2009 and the Flood and Water Management Act 2010
- Annual monitoring requirements under the National Flood and Coastal Erosion Risk Management Strategy

Some of the measures are limited to one-off actions specific to the 'set-up' phase of the partnership and the strategy, or set as deadlines in national legislation. As such, once completed it is expected that these actions will be removed from the framework.

Others will lend themselves to more regular and longer-term monitoring, such as those relating to delivery of flood risk management projects and wider environmental benefits. In such cases it will often be necessary to use the first year of the framework to establish a reliable baseline against which to measure progress.

2. Conclusion

In common with the Strategy itself, it is important that monitoring arrangements are developed by agreement with members' guidance from the earliest stages and with the agreement of all partner organisations. Members of the Committee are asked to consider the current proposals for implementing the monitoring framework, and to comment accordingly.

3. Consultation

a) Policy Proofing Actions Required

Not applicable

4. Appendices

These are listed below and attached at the back of the report	
Appendix A	Draft performance framework for the Joint Lincolnshire Flood Risk and Drainage Management Strategy

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 David Hickman, who can be contacted on 01522 554809 or david.hickman@lincolnshire.gov.uk

Performance Monitoring

Strategic Environmental Assessment and Joint Flood Risk & Drainage Management Strategy

Monitoring of Key Strategic Actions

Key Objectives from SEA and FR&DM Strategy		Measures/Notes
1	Reduce vulnerability to flooding	Baseline to be established
2	Adapt to the impact of climate change	Baseline to be established
3	Mitigate the impact of climate change	Baseline to be established
4	Reduce economic cost of flood damage	Baseline to be established
5	To ensure that flood management related activities use natural resources more efficiently and sustainably, in particular land, mineral aggregates, water and fuel	Baseline to be established
6	To promote sustainable design and construction techniques	Baseline to be established
7	To reduce the flood risk to population and properties within the coastal area and to contribute to flood risk management within Lincolnshire	Baseline to be established
8	There will be a common works programme of measures to manage flood risk and drainage by 2013	Completed – New measures will be successful completion and publication of CWP 2014/15 & 2015/16
9	Existing resources will be used in the most efficient way possible. We will attract as much external funding as possible, and will secure new resources locally and nationally	<ul style="list-style-type: none"> - How much FDGiA funding has been achieved - Partnership Contributions - Costs per scheme - No. of individuals contacted - Houses protected? - Actual cost/benefits achieved and forecast
10	The likelihood and impact of flooding from all sources will be reduced where possible from current levels by 2025. This includes accounting for increases in the risk of flooding caused by climate change	<ul style="list-style-type: none"> - Houses/Land - + schemes taking into account climate change - Baseline monitored against 'the day job' and schemes completed with change in baseline recorded if any

Performance Monitoring

		change on policy/decisions are made.
11	Emergency planning and response arrangements managed by the Lincolnshire Resilience Forum will form part of a single, co-ordinated approach to managing flood risk and drainage as a whole	Experienced set up in Lincolnshire and resilience closely aligned with Flood Risk Management. Outcome achieved.
12	The Lincolnshire Flood Risk and Drainage Management Partnership will work with local communities to develop flood risk and drainage management services that meet local needs	<ul style="list-style-type: none"> - Flood Risk Management Plans - Ufmfsw - S.19s (Number reported and action taken – Baseline being number reported in 2012 and recording of multi partner involvement) - Consenting and Enforcing (Number received and processed by IDBs on behalf of LLFA) - Tailored Flood Risk Products
13	Local communities and businesses will be more aware of flood risk, and with the help of public authorities, will take steps to protect themselves through individual and community action.	Working together in development of the Flood Risk Management Plans – Measurable outcome?
14	Planning and development control across the county will take account of all forms of flood risk and sustainable drainage; development which could increase flood risk will be minimised, as will inappropriate development in areas of significant flood risk.	<p>Note: Coastal and Fluvial information to be provided by EA, Surface Water from LCC when becomes SAB.</p> <ul style="list-style-type: none"> - No. of applications received - No. of applications objected to if not appropriately mitigated - No. of applications granted
15	Flood risk and drainage management will be more accountable to the public through the local democratic process, and through more freely available information about flood risk and measures taken to control it	<ul style="list-style-type: none"> - Asset register in place - Summary S.19s available - Ufmfsw - Part 3 of Strategy publicly available showing FDGiA/CWP & updated annually - Reports to Scrutiny Committee based

Performance Monitoring

		on proposed performance framework
16	Flood Risk, drainage management and future development will contribute to better water quality, wider environmental benefits and sustainable growth	<p>Biodiversity action plan</p> <ul style="list-style-type: none"> - How objectives are being considered & incorporated - Objectives met for biodiversity
17	Other Environmental objectives	<p>To include:</p> <ul style="list-style-type: none"> - To ensure protection of biodiversity at designated sites and European protected species - To promote the preservation, restoration and re-creation of priority habitats, ecological networks and the protection and recovery of priority species populations - To minimise habitat changes that would adversely affect aquatic ecosystems - Promote the conservation and wise use of land, reduce contamination, and protect soil quality and quantity - Prevent pollution to the water environment and protect resources - Conserve and enhance the historic environment, heritage assets and their setting - To protect and enhance attractive landscapes in terms of both their visual quality and their character - Encourage sustainable tourism - To safeguard and promote existing public access, navigation and recreational resources and to promote

Performance Monitoring

		education on the environment - Ensure active voluntary and community engagement
--	--	--

Key Action Report

Action Date/Report period:

ID	Milestone/Deliverable	Planned work for next Quarter	Planned work for coming year
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
Comments			

**Open Report on behalf of Sue Longstone, Area Manager Anglian Region
(Northern Area), Environment Agency**

Report to:	Flood and Drainage Management Scrutiny Committee
Date:	01 November 2013
Subject:	Louth and Horncastle Flood Alleviation Schemes

Summary:

To outline progress on implementing flood alleviation schemes for Louth and Horncastle.

Actions Required:

To consider and comment on progress made towards implementing flood alleviation schemes for Louth and Horncastle.

1. Background

Louth and Horncastle have suffered historic flooding from main rivers, most recently in 2007.

Louth is a “rapid response” catchment situated on the River Lud with a low standard of protection from flooding. The preferred flood risk management option is to build two flood storage reservoirs to reduce flood risk to homes and businesses in Louth.

Horncastle is situated on the confluence of the rivers Bain and Waring. Flooding occurs due to high flows in both watercourses. The town has a significant number of properties with a low standard of protection. Flood events have been recorded in 1920, 1960, 1981, 1993 and 2007.

In March 2009 it was concluded that external contributions would be necessary to make any scheme viable. A partnership approach to funding was therefore adopted by; The Environment Agency, Lincolnshire County Council, East Lindsey District Council, Lindsey Marsh Drainage Board and the Witham Third Drainage Board to deliver flood storage schemes at both locations. Both Town Councils have agreed in principle to fund future maintenance of the completed schemes. Negotiations are also continuing with potential additional contributors to maximise funding opportunities that could benefit both schemes.

Key Information

	Louth	Horncastle
Current probability of Main River flooding in any year	5% (1in20) 20%(1in5) Waring	10%(1in10) Bain
Probability following construction works*	0.67% (1in150)	1% (1in100)
Number of properties benefiting from scheme	355	288
Estimated construction completion	2015	2015/16
Capital Cost including contingency (today's prices)**	£6.5 million	£8.2 million

* the figure quoted for annual probability of river flooding post-construction works is based on current river flows. For Louth, the probability is expected to increase to 1.25% (1in80) over the 100 year life of the scheme based on the latest climate change guidance. We have not yet undertaken the climate change calculations for Horncastle but similar changes should be expected.

** includes additional £430,000 acceleration funding, secured for potential Property Level Flood Protection (PLFP) works.

Louth

The business case for the scheme has been submitted to our Large Project Review Group and the approval process is expected to be completed this year.

In anticipation of achieving approval, we are using our new Water and Environment Management (WEM) framework to procure one supplier to take us through the rest of the project including: detailed design, planning and construction. This approach is expected to minimise programme and maximise savings.

We are working with Anglian Water to understand the interaction of river and surface water flooding issues and optimise the design. We are planning to undertake work by agreement with land owners and will continue our engagement with those who will be directly affected by the proposals, once our suppliers for the next phase are appointed. We continue our engagement to inform residents and land owners of our proposals, prior to submitting a formal planning application.

A Project Board meeting, including all our funding partners, is expected to be held later this year, once we are close to business case approval and commencement of the detailed design stage. Key points in the programme for further meetings will also be planned. We still anticipate completion of the scheme in 2015.

Horncastle

We have recently held a project board meeting for this project and this was attended by all funding partners. Board members were updated on our “light touch” review of previous options and it was reported that flood storage on the River Bain still appears to be the best solution pending the full development of the business case.

We are also looking at the viability of providing Property Level Flood Protection (PLFP) to properties flooded from the Waring and have appointed a PLFP specialist to assist with the appraisal of this option. This will ensure we have a good degree of confidence in any such recommendations in the business case. We will also be ensuring the compatibility of this solution with any proposals to address surface water issues in the area.

We are continuing to work closely with the local community. We have also met with several key land owners to discuss our plans and meetings with other landowners are planned to take place over the coming months.

In September we again de-silted the river Waring and Bain at key locations in the town centre to keep the river channels clear. Our programme is to start PLFP works, subject to them being part of the preferred option recommended in the business case, in September 2014, with the flood storage works starting in March 2015.

2. Conclusion

The approach taken by partners to implement flood alleviation schemes for both Louth and Horncastle is to treat the individual projects under a joint funding arrangement. In this way, there is greater flexibility to support both projects to ensure works occur at the earliest opportunity.

3. Consultation

a) Policy Proofing Actions Required

Not applicable

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 Mike Dugher, who can be contacted on (01522) 785849 or mike.dugher@environment-agency.gov.uk

This page is intentionally left blank

**Open Report on behalf of David O'Connor,
Executive Director, Performance and Governance**

Report to:	Flood and Drainage Management Scrutiny Committee
Date:	01 November 2013
Subject:	Flood and Drainage Management Scrutiny Committee Work Programme

Summary:

This report enables the Flood and Drainage Management Scrutiny Committee to consider its Work Programme for the coming year.

Actions Required:

To consider and comment on the work programme as set out in Appendix A to this report.

1. Background

At every meeting of the Committee, Members will be invited to consider their future Work Programme and to agree on items to be included.

In terms of future meetings, proposed dates for 2014 are listed in Appendix A, for agreement by the Committee.

Work Programme Definitions

Set out below are the definitions used to describe the types of scrutiny, relating to the items on the Work Programme:

Performance Scrutiny - The Committee is scrutinising periodic performance, issue specific performance or external inspection reports.

Policy Development - The Committee is involved in the development of policy, usually at an early stage, where a range of options are being considered.

Consultation - The Committee is responding to (or making arrangements to) respond to a consultation, either formally or informally. This includes pre-consultation engagement.

Status Report - The Committee is considering a topic for the first time where a specific issue has been raised or members wish to gain a greater understanding.

Update Report - The Committee is scrutinising an item following earlier consideration.

Scrutiny Review Activity - This includes: -

- discussion on possible scrutiny review items;
- finalising the scoping for the review;
- monitoring or interim reports;
- approval of the final report; and
- the response to the report.

2. Conclusion

To consider and comment on the Work Programme.

3. Consultation

a) Policy Proofing Actions Required

Not applicable.

4. Appendices

These are listed below and attached at the back of the report	
Appendix A	Flood and Drainage Management Scrutiny Committee Work Programme

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 Liz Jones, who can be contacted on 01522 552102 or liz.jones@lincolnshire.gov.uk.

Flood and Drainage Management Scrutiny Committee

Chairman: Councillor Lewis Strange

Vice Chairman: Councillor Victoria Ayling

Friday 1 November 2013 at 10.00am		
Committee Room 2, East Lindsey District Council, Manby		
Followed by visits to sites of interest in the East Lindsey area with Lindsey Marsh Drainage Board and Environment Agency		
Item	Contributor	Purpose
East Coastal Flood Group	David Powell, Head of Emergency Planning	Status Report
Performance Framework for Reporting on Flood Risk	David Hickman, Environmental Services Team Leader, Strategy and Partnerships	Status Report
Louth and Horncastle Flood Alleviation Schemes	Mike Dugher, Flood Risk Manager, Environment Agency	Update Report

Thursday 30 January 2014 10.00am		
Item	Contributor	Purpose
Sustainable Drainage Systems (SuDS)	Mark Welsh, Flood and Water and Major Developments Manager	Update Report
Flood Risk Publications	Mark Welsh	Update Report
Flood Insurance Scheme – Outcome following government consultation	Steve Willis, Assistant Director, Environment, Planning and Customer Services	Status Report
Flood Risk Management Plan	David Hickman	Status Report
Partnership Funding Outcomes	David Hickman	Status Report
Flood Recovery Exercise	David Powell	Status Report

Thursday 1 May 2014 10.00am		
Item	Contributor	Purpose

Thursday 18 September 2014 10.00am		
Item	Contributor	Purpose

Thursday 4 December 2014 10.00am		
Item	Contributor	Purpose

For more information about the work of this Committee please contact Liz Jones, Scrutiny Officer on 01522 552102 or by e-mail at liz.jones@lincolnshire.gov.uk