



County Offices  
Newland  
Lincoln  
LN1 1YL

5 May 2016

**Flood and Drainage Management Scrutiny Committee**

A meeting of the Flood and Drainage Management Scrutiny Committee will be held on **Friday, 13 May 2016 at 10.00 am in Committee Room One, County Offices, Newland, Lincoln LN1 1YL** 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, A Bridges, M Brookes, R G Fairman, J R Marriott, C R Oxby, C Pain and R A Renshaw

**Other Voting Members**

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



**FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE AGENDA  
FRIDAY, 13 MAY 2016**

<b>Item</b>	<b>Title</b>	<b>Pages</b>
<b>1</b>	<b>Apologies for Absence/Replacement Members</b>	
<b>2</b>	<b>Declarations of Member's Interests</b>	
<b>3</b>	<b>Minutes of the meeting held on 26 February 2016</b>	5 - 14
<b>4</b>	<b>Chairman's Announcements</b>	
<b>5</b>	<b>Announcements by the Executive Councillor Economic Development, Environment, Planning and Tourism and Senior Officers (Environment and Economy)</b>	
<b>6</b>	<b>Environment Agency Update</b> <i>(To receive a report and verbal update from Deborah Campbell, Environment Agency, which will advise the Committee of the refresh of the Regional Flood and Coastal Committee (RFCC) Capital Programme and changes to the Flood Defence Consent process; and also invites discussion on areas for additional scrutiny activity to gain greater strategic oversight)</i>	15 - 18
<b>7</b>	<b>Flood Reinsurance (Flood Re) Scheme Launch</b> <i>(To receive a report from Mark Welsh, Flood Risk and Development Manager, which provides the Committee with an update on the Government's Flood Re Scheme, launched on 4 April 2016)</i>	19 - 22
<b>8</b>	<b>To report progress on the investigations undertaken in the County under Section 19 of the Flood and Water Management Act 2010 (FWMA)</b> <i>(To receive a report from Mark Welsh, Flood Risk and Development Manager, which provides the Committee with the latest position of all current Section 19 investigations in the County under Section 19 of the Flood and Water Management Act 2010)</i>	23 - 42
<b>9</b>	<b>Flood and Drainage Management Scrutiny Committee Work Programme</b> <i>(To receive a report from Daniel Steel, Scrutiny Officer, in connection with the latest position with regard to the Committee's Work Programme)</i>	43 - 48

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**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.

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**FLOOD AND DRAINAGE  
MANAGEMENT SCRUTINY  
COMMITTEE  
26 FEBRUARY 2016**

**PRESENT: COUNCILLOR C L STRANGE (CHAIRMAN)**

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

District Councillors R Austin (Boston Borough Council), I G Fleetwood (West Lindsey District Council), J Money (North Kesteven District Council), B Russell (South Kesteven District Council) and M D Seymour (South Holland District Council).

External Agencies –

Deborah Campbell (Environment Agency), Eddy Poll (Anglian North Regional Flood and Coastal Committee), R Caudwell (Chairman of the South Forty Foot Drain Steering Group), Jonathan Glerum (Anglian Water), A McGill (Lindsey Marsh Drainage Board) and A Simpson (Anglian Water).

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

Officers in attendance:-

Katrina Cope (Senior Democratic Services Officer), David Hickman (Environment Commissioner), Daniel Steel (Scrutiny Officer), Mark Welsh (Flood Risk and Development Manager) and Steve Willis (Chief Operating Officer, Development Services).

**34 APOLOGIES/REPLACEMENT MEMBERS**

An apology for absence was received from Councillor Mrs F M Martin MBE (East Lindsey District Council).

Apologies for absence were also received from Councillor C Davie, Executive Councillor for Economic Development, Environment, Planning and Tourism and Councillor S Tweedale, Executive Support Councillor for Economic Development, Environment, Planning and Tourism.

The Chairman welcomed everyone to the meeting and made particular reference to guests Richard Kidd, Chairman of Firsby Group of Parishes, Linda Dimsdale, Clerk of Firsby Group of Parishes, Joe Taylor, Chairman of Thorpe Parish Council, Anton Willerton, Wainfleet Mayor, Eddy Poll, Chairman of the Anglian (Northern) Regional Flood & Coastal Committee, Allan Simpson, Anglian Water, Jonathan Glerum,

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Anglian Water, Robert Caudwell, Chairman of the South Forty Foot Drain Steering Group and Andrew McGill, Lindsey Marsh Drainage Board.

**35 DECLARATIONS OF MEMBERS' INTERESTS**

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

**36 MINUTES OF THE PREVIOUS MEETING OF THE FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE HELD ON 11 DECEMBER 2015****RESOLVED**

That the minutes of the Flood and Drainage Management Scrutiny Committee held on 11 December 2015 be agreed and signed by the Chairman as a correct record.

**37 ANNOUNCEMENTS BY THE EXECUTIVE COUNCILLOR, ECONOMIC DEVELOPMENT, ENVIRONMENT, PLANNING AND TOURISM AND SENIOR OFFICERS (ECONOMY AND PLACE)**

No announcements were received at this point in the meeting.

**38 ANGLIAN WATER PLANNING ENGAGEMENT UPDATE**

The Committee received a joint presentation from Allan Simpson, Planning Services Manager, Anglian Water and Jonathan Glerum, Flood Risk Manager, Anglian Water, which provided the Committee with an update on the involvement of Anglian Water in Planning Applications. The Committee were reminded that this was a follow up to a previous presentation received by the Committee at its 4 September 2015 meeting.

It was reported that Anglian Water had a pre-planning service available for developers and their agents. For the current financial year Anglian Water had received about 130 pre-planning enquiries from sites within the County of Lincolnshire. The Committee were advised that all water and sewerage companies were monitored on their pre-planning services, the results of which were reported quarterly by Water UK.

The Committee were advised that Anglian Water was not a statutory consultee for planning applications, however, it was noted that Anglian Water would seek to provide comments on major developments of 10 or more dwellings or 0.5ha for other uses. Anglian Water relied on Local Planning Authorities sending consultations through for comment, and by checking weekly lists. It was highlighted that Anglian Water had received about 170 planning application consultations from Lincolnshire authorities' since the start of the financial year. It was highlighted further that where development proposals proposed to drain to a surface water sewer, Anglian Water was sub-consulted by Lincolnshire County Council in its role as the Lead Local Flood Authority.

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The Committee was advised that Anglian Water were currently exploring a number of process and system improvements. These included:-

- The trialling of a software system which enabled Anglian Water to pick up submitted and approved planning applications;
- Improvement of web pages; and improving communication channels with residents so that there was an awareness of the role of Anglian Water in the planning system;
- Making it easier Anglian Water customer to get pre-planning advise; and for developers and agents to submit enquiries; and
- The updating of the planning application consultation template to assist Local Planning authorities.

During discussion, the Committee raised the following issues:-

- Concern was expressed by the Committee to the fact that Anglia Water was not a statutory consultee. A question was asked as to whether Anglian Water had been involved in the Local Plans for the Central and South East Local Plans. The Committee were advised that Anglian Water was consulted on all Strategic planning documents. Members felt that Water Companies should be statutory consultees and that water companies should be approached nationally to see if they all agreed with that stance. Officers advised that whilst Anglian Water were not a statutory consultee, in the planning process, they could be considered to be a key consultee, consulted voluntarily by the Local Planning Authorities, and if they devised a framework of how they wished to be consulted the Flood Risk and Development Manager would take the issue further on their behalf.

Some members felt that the statutory role in the planning process was one that needed to be discussed in the wider water industry. It was agreed that a meeting should be arranged with officers, representatives from Anglian Water; and a small group of Councillors from the Committee membership to get together to work through the best way to support the Water Companies and how to involve them in the planning process;

- Pre-Planning Charges – The Committee noted that Anglian Water did charge between developers between £500 and £1,000 depending on the service being provided;
- The role of Lincolnshire County Council in operational flooding and development management. It was highlighted that the Council was not involved in foul water process; however, from April 2015 it now had an overseeing role, as statutory consultee, with regard to surface water management and drainage and sustainable drainage;
- Odour in Spalding – The Committee was advised that as a result of complaints received, action was being taken at Ingoldmells and Spalding to deal with odour issues; and
- Surface water connection to sewers – The Committee noted that Schedule 3 of the Flood and Water Management Act had not been enacted; developers still had the right to connect to surface water. Anglian Water worked with

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developers but could not refuse connections. The Committee advised that surface water could not be connected to foul sewers. It was highlighted that there were issues in more rural locations identifying what was foul and what was combined.

**RESOLVED**

1. That the report presented be noted.
2. That a meeting comprising of the following Councillors C L Strange, M Brookes, I G Fleetwood, A Bridges and C Pain, officers of Lincolnshire County Council and representatives from Anglian Water be arranged to explore the best approach to take forward the issue of Anglian Water being consulted appropriately in the planning process.

**39 ENVIRONMENT AGENCY UPDATE**

Consideration was given to a report from Deborah Campbell (Environment Agency), which provided the Committee with an agreed standing update from the Environment Agency to outline progress on implementing flood alleviation schemes for Louth and Horncastle and also outlined progress on the work to develop the tidal flood barrier in Boston. The report also provided an update as requested, relating to the River Steeping, and a briefing note on Fulney Lock (River Welland).

**Louth and Horncastle Flood Alleviation Schemes**

The Committee was advised that work at Louth was progressing well, with the control structures at both sites being substantially completed; and adjoining culverts had also been installed. It was reported that work to the earth embankment on the north site was 40% completed and that work had commenced on the trial embankment to the south site. However, the wet weather during December and January had led to a suspension of earthworks, which has delayed completion for the Louth Alleviation Scheme to August 2016. It was highlighted that all the Louth landowners had now engaged.

The Committee was advised that work was progressing at Horncastle, but as reported at the last meeting, due to the type of material at the site, construction of the main earthworks had stopped on site during the winter period. Work had however continued on the control structure until early February, when it became apparent that it was more cost effective to stop all work on site until the earthworks could resume. Works were now expected to be completed on site for September 2016. The Committee noted that five out of the seven landowners had now engaged.

**Boston Barrier**

It was reported that the Transport and Works Act Order application (TWAO) would be submitted in May 2016. Currently members of the project team were addressing concerns of local fisherman and river leisure users, and work had been taking place with the Port of Boston to mitigate the impact on the port and their customers



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operations. It was hoped that legal agreement with the Port would be secured before submission of the TWAO application.

The Committee noted that contract with CH2M had been awarded to support the Environment Agency as an Independent Technical Advisor through the delivery stage of the project. It was hoped to hold a Design and Build competition for the project later in 2016. It was hoped that the programme was still on track to be completed in 2019.

A copy of a vision paper entitled 'Common Vision for Water Management in Boston and the surrounding areas' was circulated to members of the Committee. This document had been endorsed by partner organisations which had included the Environment Agency, Lincolnshire County Council Boston Borough Council and the Black Sluice Internal Drainage Board who were all committed to delivering a co-ordinated approach to the complex and ambitious range of projects planned for Boston and surrounding area. The three main projects referenced included The Boston Tidal Barrier Water Level Management in Boston, The Fens Waterways Link and the Black Sluice Pumping Station and South Forty Foot Catchment.

#### Fulney Lock (River Welland)

The Committee was advised that the Fulney Lock was a tidal lock and as such marked the boundary between the tidal and non-tidal section of the River Welland. As well as a tidal lock it provided defence against incoming tides, as well as allowing boat passage between the fluvial and tidal sections of the waterway. It was noted that the Fulney Lock was a 'manned lock'.

It was reported that the lock suffered from the effect of silt deposited from flooding events and high tides; and as a result was flushed out by the lock keeper on a regular basis. However, in March 2015, the lock had been found to be silted up. De-silting had had to be put back due to environmental risks from rising water temperatures. The Committee were advised that de-silting work had now taken place in early February 2016 when water temperatures had been cooler; this work had involved the removal of silt to bed level from the lock pen and for approximately five metres upstream and 30 metres downstream. It was highlighted that work had been constrained by the presence of an electricity cable lying across the river bed. The introduction of a more robust monitoring and flushing regime would resume once the lock was re-opened following the works. It was noted that the Internal Waterways Association had been asked for volunteers to assist with the ongoing routine for which full training would be given.

It was highlighted in the report presented that the Fulney Lock was not well used by boaters. On average there had been less than one boat passage per annum during the last six/seven years; and that most of these passages had been the same boat, whose permanent moorings were on the tidal reach.

During questions concerning the three items above, the Committee raised the following points:-

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- That the installation of the lock and Boston Barrier should go ahead at the same time. The Committee was advised that scoping work was to be undertaken to ascertain the best approach to delivering the outcomes contained in the Common Vision for Boston. The current approach agreed with the Environment Agency would not preclude the lock going in at a later date. The Committee noted that the Transport and Works Act Order application was only for Flood Risk aspects of the Barrier at this time, in order to de-risk the programme to deliver the Barrier by 2019. Some concern was expressed as to public perception, as to why both could not be done at the same time. A question was also asked what would happen to the fisherman and the Boston Belle during the construction period. The Committee was advised that this matter would be raised with the Boston Barrier Project Manager;

Note: Councillor M Brookes wished it to be noted that he was a member of the Black Sluice Internal Drainage Board.

- The two landowners not engaged with the Horncastle Alleviation Scheme. The Committee was advised that the Environment Agency could not insist on all parties engaging; and the fact that two chose not to engage in respect of the Horncastle scheme had not had a detrimental effect on the scheme overall;
- The need to provide some publicity material to explain to the public of Boston what was involved in the Water Level Management Plan and the Boston Barrier Project to alleviate questions later. The Committee was advised that there would be a meeting in April, at which some of these matters would be raised ;
- The Committee was advised that some queries regarding the lock had been raised with regard to the fishing fleet, currents and the velocity of the water once the barrier was installed. It was noted that in the modelling demonstrations that the velocity of the water was no different to other restrictions further upstream, therefore, this in itself did not constitute the need for a lock at this time; and
- Availability of the Fulney Lock at the end of May 2016. The Committee was advised that work was ongoing with the Internal Waterways Association to come up with the most cost effective way to deliver the work required.

### River Steeping

The Committee received an introduction from Deborah Campbell (Environment Agency) relating to the current years £29m capital works programme and the outcomes from these schemes with regard to people, property and cost. It was highlighted that schemes that protected life and larger numbers of property sat higher on the programme, and that there was a clear focus on where resources needed to be targeted.

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It was noted that there had been a commitment to work with other organisations with regard to the River Steeping, however, this was not unfortunately at the top of the priority list; and at the moment there was not the resource to take things forward.

It was noted that in June 2007 flooding had occurred and the Steeping catchment was no exception. A number of localised low spots in the banks had allowed water to overtop the defences, flooding land and 10 houses in Wainfleet and Great Steeping. Since then works had been carried out to reduce flood risk from the River Steeping, which had included raising the localised low spots in the banks, improving the operation of the sluice gates at the outfall and some removal of the silt in the channel upstream from Wainfleet.

Running alongside this, the partnership was promoting a scheme to strengthen the right hand (southern) bank along the Wainfleet Relief Channel. The work had an amount allocated to it in the six year programme of £1.3m for 2016/17, with £0.9m coming from Local Levy.

Anton Willerton, the Mayor of Wainfleet provided the Committee an update with regard to the local situation, which made reference to planning conditions for Wainfleet, no single storey dwellings; and restrictions with regard to construction methods. It was also highlighted that local people were finding it very difficult to get house insurance for their properties in Wainfleet.

The topography of the area; the silting up of the River Steeping; the presence of badger sets; and the damage to the river bank; reduction in the amount of fishing in the area, which had affected the economy; the effect on house values and the negative impact to residents.

Richard Kidd, the Chairman of the Firsby Group was also invited to speak to the Committee regarding the condition of the River Steeping; the impact of the condition on residents. The Committee was advised that over a nine year period nothing had significantly changed to the River, despite local pressure.

The Lindsey Marsh Drainage Board explained that there was £150,000 initial amount; plus £50,000 that had been set aside in the current year to help and support as much as they could. The Committee was advised that the Environment Agency was doing all it could to secure the necessary approvals, It was also highlighted that the Drainage Board received £450,000 from the Environment Agency for work to be carried out in the Drainage Board's area.

During discussion, some of the following issues were raised:-

- Dealing with the silted river. The Committee were advised that the modelling had highlighted that due to the construction of the concrete cill being 1.2m higher above the bed irrespective of silt it was therefore felt that silt removal would not make significant difference. However, further modelling work was required to assess flood risk taking account of additional flows from the Lindsey Marsh land drainage systems. It was highlighted that there was currently resource implications regarding Environment Agency resource to

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undertake this work, as staff were currently involved with higher priority work along the coast to protect 1000's of properties;

- Some members of the Committee expressed their concerns with regard to the destruction caused by the badgers in the river bank. The Committee noted that under legislation information regarding badger setts could not be shared in a public meeting. Some members felt that steps needed to be taken to protect the banks from burrowing animals. (Page 25 of the report presented provided the Committee with an update with regard to works that had been undertaken to embankments as a result from damage from burrowing animals, and information relating to a more sustainable solution to dealing with the burrowing animals, whilst maintaining the integrity of the river banks);
- Some members felt that agreement on the way forward needed to be reached, and a suggestion was made for a meeting of all interested parties once the remodelling had been completed;
- Some members felt that all properties needed to be protected irrespective of numbers; and
- Availability of the Engagement Strategy. The Committee was advised that this would be available during March 2016.

A proposal was moved and seconded to have a meeting of all the various partners to discuss a way forward with regard to the River Steeping and concern over badgers, once the remodelling had been completed, and that five Councillors from the Flood and Drainage Scrutiny Committee should attend the above said meeting. (Councillors C L Strange, M Brookes, I G Fleetwood, A Bridges and C Pain).

**RESOLVED**

That a meeting be arranged of all various partners, to discuss a way forward with regard to the River Steeping, and concern over badgers, once the remodelling had been completed, and that the following five Councillors from the Flood and Drainage Management Scrutiny Committee should attend the above said meeting. Councillors C L Strange, M Brookes, I G Fleetwood, A Bridges and C Pain.

**40 INVESTIGATIONS HELD UNDER SECTION 19 OF THE FLOOD AND WATER MANAGEMENT ACT 2010**

Consideration was given to a report from Mark Welsh, Flood Risk and Development Manager, which advised the Committee on the current position of all current Section 19 investigations.

A spreadsheet summarising investigations in the County under Section 19 of the Flood and Water management Act 2010 was detailed at Appendix A to the report.

During discussion, reference to a property at Main Street, Scopwick, Officers clarified that work had been completed and the Appendix A would be updated accordingly.

**RESOLVED**

That the report and Appendix A be noted.

41 GREATER LINCOLNSHIRE LOCAL ENTERPRISE PARTNERSHIP  
(GLLEP) WATER MANAGEMENT PLAN & COASTAL VISION

The Committee gave consideration to a report from David Hickman, Environment Commissioner, which provided details of the Water Management Plan and an update on progress towards the coastal vision.

It was reported that the Greater Lincolnshire Local Enterprise partnership (GLLEP) had prioritised agri-food and the visitor economy as the key sectors for economic growth in Greater Lincolnshire. Effective flood risk and water resource management was considered fundamental in realising these opportunities. The Water Management Plan as detailed at Appendix A was approved by the GLLEP Board on 28 January 2016. The Water Management Plan had been designed to establish a pipeline of projects that could be developed for successive rounds of funding opportunities; and was now ready for implementation, with outline bids already in progress for priority stretches of coastal and fluvial defences.

It was noted that many of the issues that were relevant to the Water Management Plan, particularly the ability to make a compelling case for funding water and coastal management, were most prevalent in Greater Lincolnshire's coastal areas. As a result of this Water Management Board officers from partner authorities had drafted a Coastal Vision with the aim of succinctly expressing an overarching common approach to coastal issues, with a focus on achieving sustainable economic growth for the GLLEP's area.

It was therefore the intention of the Coastal Vision to draw together key themes that had emerged from a wide range of existing initiatives to support objectives for the coast. As a result of engagement, the previous draft was currently being rewritten, and it was hoped that this would be completed in March. It was intended that a final draft of the Coastal Vision would be presented to the GLLEP Water Management Board in March, with subsequent approval by the GLLEP Board.

During a short discussion, the Committee made reference to the following issues:-

- That the Department for Rural Affairs was supportive of the Water Management Plan;
- The necessity of protecting Agri-Food in Greater Lincolnshire;
- The key impacts on economic growth from flood risks. These were detailed on page 53 of the report presented; and
- Clarification of the potential funding to the Killingholme Marshes Drainage Improvements was £2,316.293.

The Committee welcomed the update on the Water Management Plan and Coastal Vision.

RESOLVED

**10  
FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE  
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That the report presented be noted.

**42     FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE WORK  
PROGRAMME**

Consideration was given to a report from the Executive Director with responsibility for Democratic Services, which asked the Flood and Drainage Scrutiny Committee to consider its Work Programme for the coming year. A copy of the Work Programme was detailed at Appendix A to the report presented.

The Scrutiny Officer invited member of the Committee to put forward any items for consideration by the Flood and Drainage Scrutiny Committee.

The Committee was advised that the next meeting of the Flood and Drainage Management Scrutiny Committee would be held on 13 May 2016; and that at the next Environmental Scrutiny Committee on 29 April 2016 there would be site visit to the Louth and Horncastle Flood Alleviation Schemes, Gibraltar Point and the English Coastal Path.

**RESOLVED**

That the Work Programme as set out in Appendix A be noted.

The meeting closed at 12.40 pm

**Open Report on behalf of Richard Wills,  
Executive Director for Environment and Economy**

Report to:	<b>Flood and Drainage Management Scrutiny Committee</b>
Date:	<b>13 May 2016</b>
Subject:	<b>Environment Agency Update</b>

**Summary:**

This report informs the Committee that the Environment Agency will provide a verbal update on the following areas at the meeting on 13 May 2016.

- Refresh of the RFCC capital programme.
- Changes to the Flood Defence Consent process.

As part of this item, the Environment Agency would like to discuss with the Committee areas of additional scrutiny activity to enable greater strategic oversight whilst not duplicating the work of the Regional Flood and Coastal Committee (RFCC) and the Strategy Group.

**Actions Required:**

Members of the Flood and Drainage Management Scrutiny Committee are invited to consider and comment on the update provided and highlight any additional scrutiny activity that could be included for consideration in the work programme.

**1. Background**

This report provides the Committee with an agreed standing update from the Environment Agency. Appendix A illustrates the organisation and accountability arrangements of the Lincolnshire Flood Risk and Drainage Management Partnership Framework. The framework ensures that all agencies responsible for managing water operate more effectively and efficiently at a local level.

**2. Conclusion**

To consider and comment on the update(s) provided and highlight any additional scrutiny activity that could be included for consideration in the work programme.

### 3. Consultation

#### a) Policy Proofing Actions Required

n/a

### 4. Appendices

These are listed below and attached at the back of the report	
APPENDIX A	Flood Risk Management Partnership <a href="http://www.lincolnshire.gov.uk/residents/environment-and-planning/flood-risk-management/flood-risk-management-partnership/103046.article">http://www.lincolnshire.gov.uk/residents/environment-and-planning/flood-risk-management/flood-risk-management-partnership/103046.article</a>

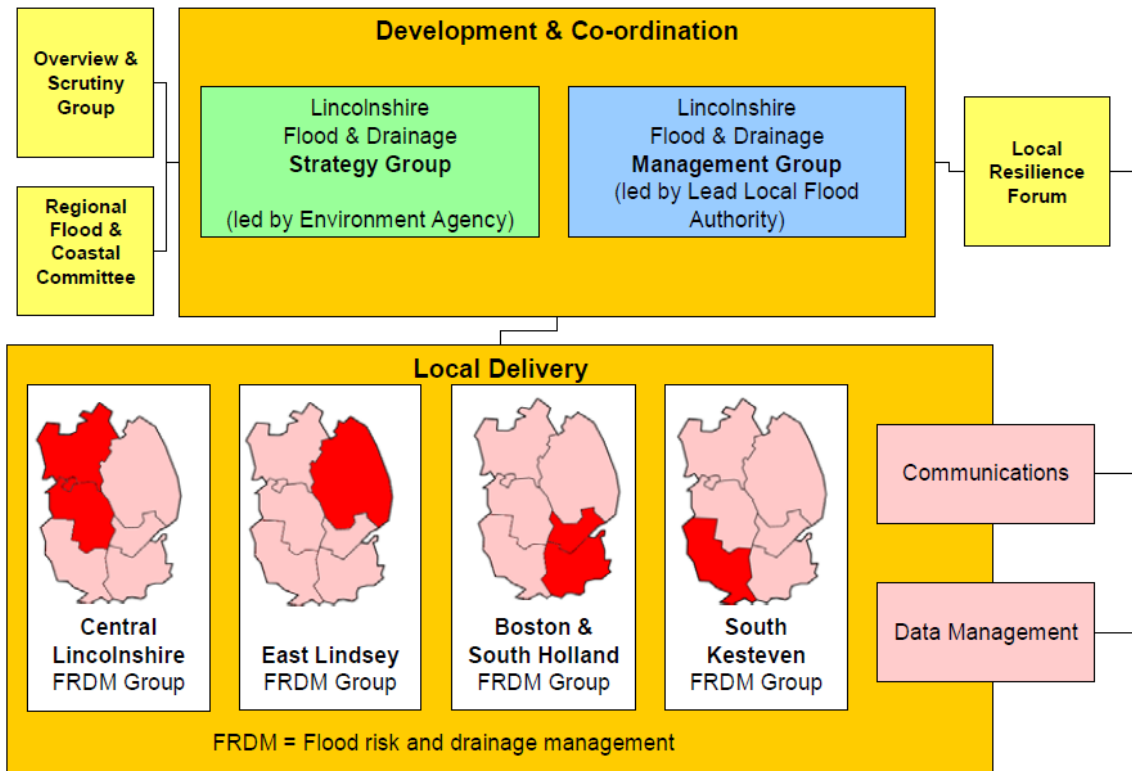
### 5. Background Papers

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 Daniel Steel, who can be contacted on 01522 552102 or [daniel.steel@lincolnshire.gov.uk](mailto:daniel.steel@lincolnshire.gov.uk).



The Lincolnshire Flood Risk and Drainage Management Partnership



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**Open Report on behalf of Richard Wills,  
Executive Director for Environment and Economy**

Report to:	<b>Flood and Drainage Management Scrutiny Committee</b>
Date:	<b>13 May 2016</b>
Subject:	<b>Flood Reinsurance (Flood Re) scheme launch</b>

**Summary:**

This report provides the Committee with an update on the Government's Flood Re scheme, launched on 4th April 2016, which offers capped insurance costs and limits policy excess payments for domestic properties at risk of flooding from external sources.

**Actions Required:**

Members of the Flood and Drainage Management Scrutiny Committee are invited to consider and comment on the Floods Re scheme now in operation.

## **1. Background**

Following on from the 5<sup>th</sup> September 2014 report to the Floods and Drainage Management Scrutiny Committee; The Flood Reinsurance (Flood Re) Scheme – Regulations, this report updates Committee Members on the introduction of the scheme. It also precedes a presentation of the scheme to Committee later this year (scheduled for December) by Flood Re.

### **The Association of British Insurers Statement of Principles:**

The Association of British Insurers (ABI) first published a Statement of Principles (SoP) on the provision of flood insurance in early 2004. This was updated in 2006, 2007 and 2008. The SoP was a joint agreement between the ABI and the Government – principally DEFRA and the Treasury. It set out how ABI members (insurance companies) considered flood risk when managing requests for insurance from customers.

The SOP expired in June 2013 but Insurers voluntarily agreed to continue to work to its principles until Flood Re was established.

## What is Flood Re?

Flood Re is an industry owned and managed not-for-profit re-insurer. Flood Re has now been 'designated' as the Scheme Administrator by Ministers and is now a publicly accountable body with statutory objectives and powers including levy-raising powers.

- Flood Re pools the risk of flood claims and uses a levy to subsidise flood insurance for the (approximately) 2% of households at highest risk of flooding. This is classed as a tax so the scheme has to meet specific objectives and the use of the funds is strictly controlled;
- To fund this a new industry backed levy will enable insurance companies to cover those most at risk from flooding;
- All household insurers will have pay this levy proportionately according to their market share, creating a fund that can be used to pay claims for floods related insurance claims. To date approximately 60% of the UK's insurers have joined the scheme but this level of participation is expected to rise quickly now that the scheme is in operation.
- It covers domestic properties and policies but not all properties are eligible;
- The Flood Re Scheme caps flood insurance premiums, linking them to council tax bands so that people will know the maximum they will have to pay for the part of their insurance policy relating to flooding from external sources;
- The Flood Re scheme limits the excess payable by policy holders for claims against the floods element of their insurance policy to £250 per claim.
- It is a transitional measure, designed to smooth the path to risk-reflective prices over 25 years (ie, avoid sudden price/availability shocks) and has a duty to provide information to insurers (that cede policies to the scheme), on the nature of Flood Re, where to find out more information on a property's flood risk and how to mitigate the impacts of flooding;
- The project to deliver Flood Re has been complex, novel and mostly for the industry to deliver.

The Flood Re website has now been set up ([www.floodre.co.uk](http://www.floodre.co.uk)) and includes a useful description of how the scheme works and responses to a number of FAQ'S.

### **Flood Re eligibility:**

The aim of Flood Re is to provide support to those who need it most. As a result there is a number of criteria that need to be met for a property to be eligible for entry into the Flood Re scheme and which set the caps on the cost of flood cover as follows:

- Criteria for ceding to Flood Re (and thus the capped cost of insurance against external flooding) are based on domestic property Council Tax bands (A to H) as shown below;
- Properties will transition out over the 25 year lifespan of the scheme;
- It applies to domestic properties built before 2009;

- The 2009 cut-off date recognises that new housing developments should be located to avoid flood risk, or where development in a flood risk area is necessary it should take account of that in its design. Less than 2% of current housing stock was built after 2009;
- The measure excludes most small businesses (most businesses are excluded although there are some exceptions such as B&B's under certain conditions);
- Some leasehold properties will be included (eg, in the case of a small block where the freeholder lives at least some of the time) but those with commercial policies are likely to be excluded;
- Contents insurance for leasehold and rented properties will also be eligible;
- Landlords' insurance will not be covered.

Ultimately it is up to the insurers themselves to decide which eligible policies to cede to Flood Re, see [www.floodre.co.uk](http://www.floodre.co.uk) for more details.

**Table showing the cost levels at which the floods elements of insurance cover is capped within the Flood Re scheme.**

Council Tax Band; England and Scotland	A&B	C	D	E	F	G	H
Buildings only (£'s)	132	148	168	199	260	334	800
Contents only (£'s)	78	98	108	131	148	206	400
Combined (£'s)	210	246	276	330	408	540	1200

Policy holders will not need to contact Flood Re directly. Flood Re will work with their insurers "in the background" and policy holders will continue to contact their insurer directly or via their broker as they have done in the past.

For further information Flood Re has its own dedicated website at: <http://www.floodre.co.uk>.

**2. Conclusion**

Members of the Flood and Drainage Management Scrutiny Committee are invited to consider and comment on the Floods Re scheme now in operation.

### **3. Consultation**

#### **a) Policy Proofing Actions Required**

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 Andrew Jee, who can be contacted on 01522555215 or [andrew.jee@lincolnshire.gov.uk](mailto:andrew.jee@lincolnshire.gov.uk).

**Open Report on behalf of Richard Wills,  
Executive Director for Environment and Economy**

Report to:	<b>Flood and Drainage Management Scrutiny Committee</b>
Date:	<b>13 May 2016</b>
Subject:	<b>To report progress on the investigations undertaken in the County under Section 19 of the Flood and Water Management Act 2010 (FWMA).</b>

**Summary:**

This is a standing item to inform the Committee on the position of all current Section 19 investigations in the County.

**Actions Required:**

Members of the Flood and Drainage Management Scrutiny Committee are invited to view the current Section 19 spreadsheet at <http://www.lincolnshire.gov.uk/residents/environment-and-planning/flood-risk-management/flood-investigations/117780.article> (also included at Appendix A) and inform Democratic Services in advance if they wish to raise any particular site(s) at the forthcoming Committee.

### 1. Background

This is a standing item to inform the Committee on the position of all current Section 19 investigations in the County.

The inclusion of an investigation on the list does not necessarily mean the investigation itself is not complete as the spreadsheets also include any outstanding recommendations arising from the investigations. These recommendations can include remedial work by other risk management authorities or even riparian owners, and the completion of such third-party works are outside the direct control of the County Council.

In the fourth quarter of the year (January to March 2016), seven Section 19 investigations were commenced involving flooding to seven properties. This compares with no investigations for Quarter 4 last year.

## 2. Conclusion

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

## 3. Consultation

### a) Policy Proofing Actions Required

n/a

## 4. Appendices

These are listed below and attached at the back of the report	
Appendix A	Spreadsheet summarising investigations under Section 19 of the FWMA in the County.  <a href="http://www.lincolnshire.gov.uk/residents/environment-and-planning/flood-risk-management/flood-investigations/117780.article">http://www.lincolnshire.gov.uk/residents/environment-and-planning/flood-risk-management/flood-investigations/117780.article</a>

## 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 Mark Welsh, who can be contacted on 01522 782070 or [mark.welsh@lincolnshire.gov.uk](mailto:mark.welsh@lincolnshire.gov.uk).



Lincolnshire County Council S19 investigations - Network North Area E - Contact Officer Jeanne Gibson - Area Highways Manager						Identified Actions/Works					
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
14/08/2015	Lincoln Lexington House Newark Road	Enquiry type : Internal Flooding Location : Lexington House, Access Road to Lexington House (ref 93U900/10), Newark Road, Lincoln Other info : A crew from Lincoln South Fire Station was called to the flats on Newark Road in the city at about 1.45am 14/8/15. A light pump and strainer was used to pump the flood water from the four flats. A Section 19 investigation required into the cause of the flooding by LCC.  4 properties	LCC - Yes	Under initial investigation by Area E	NO	Awaiting Report		On-going		S19-134	AE
23/12/2015	Lincoln The Park	Water flows down the hill over an overwhelmed drain and causing flooding that has seeped through the business' wall causing damage to the property carpet and wall. Customer was not in the property when it occurred but apparently was gushing down the hills on this day in a particularly heavy downpour. Customer is fairly certain it was Mon 23rd but property is not occupied frequently - 1 Property						On-going		S19-152	AE
08/01/2016	Lincoln Lindum Avenue	Customer called about flooding they are experiencing. Surface water is coming down the road on the hill outside the property and filling the gutters. The water is then rising up through the floor boards. In the kitchen, the kitchen is at basement level. Premise is a 3 bedroom property with a shower room. The water and the rain has now stopped. I asked if sand bags would help prevent the water entering the property. But it did not seem to be the case. She advised they had contacted Anglian Water who said they would attend at 8am tomorrow (08/01/2016.) I checked the process and advised her that as Anglian Water had taken ownership then there is nothing further we can do. I advised I would log the call and that the caller should phone back should Anglian attend and state highways need to resolve the issue. 1 Property						On-going		S19-155	AE

Lincolnshire County Council S19 investigations - Network North Area F - Contact Officer Steve Wiles - Area Highways Manager							Indetified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
28/06/2012	<b>Keelby</b> Maple Avenue, Riby Road and Peaham Crescent	Flooding was caused by surcharging surface water sewers combined with overland flows.  <b>4 Properties</b>	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Further detailed study required into the ownership, condition and capacity of the surface water sewer system with a view to procuring a new pipe system to intercept flows from the A18 Barton Sate road, containing the village, also to upgrade the pipe between Riby Road and Caddle Beck. Further LCC investigation required. Scheme bid submitted for feasibility and works.	Yes (may also require Anglian Water investment)	Surface water drainage scheme under consideration. Further LCC investigation and design required.  Work 2016/17. At Maple Avenue Surface water flooding resulting from catchment, A18 and Mill Lane surface water run-off to this low point. Some A16 cut-off remedial work has been completed but there are some mitigation benefits but the funding to be able to progress this work (£20k) would enable a cut-off arrangement to be considered and take some of the onward flow away from the higher risk system and hence elevate surface water flooding. At Riby Road joint PC/LCC/AW funding is carrying out a scheme from March 2016	LCC AW	Ongoing	Investigation & Feasibility 2015/16 Possible works 2016/17	S19-032	AF
09/06/2014	<b>Gainsborough</b> Marshalls Yard, Elsham Walk, Tower Street, Hill Crescent, Limber Close, Trinity Street, Silver Street, Caldcott Drive, Darwin Street, Rectory Avenue, Spring Gardens, Priory Close, Long Wood Road	Over a period of 60 minutes during the afternoon 43.4mm of rain fell in Gainsborough, of which 35.6mm fell in 30 minutes (a return period of 227 years). The surface water drains and combined sewer systems were unable to cope with the intense rainfall, the various systems consequently surcharging and the resulting surface water runoff entering properties. In all around 50 properties were flooded internally.  <b>50 Properties</b>	LCC - <b>Yes</b> WLDC - <b>Yes</b> Severn Trent Water - <b>Yes</b>	1. That all RWAs inspect their respective infrastructure and take any necessary steps to ensure it is working as well as possible. 2. Advice be made available to victims of flooding with regard to resistance measures which might be appropriate, for example air brick covers and flood gates. 3. LCC consider improvements to the highway surface water drainage where this will offer resistance to flooding from surface runoff. 4. That the LLFA investigate the feasibility of overland flood routes to manage the risk of flooding from surface water	No	<b>Marshalls Yard</b> - Privately owned area and are managing flooding issues locally.  <b>Tower Street</b> - STW have investigated the area, the gully grate and the pipe to the sewer. It is possible issues to be effective. Sewer is combined, causing issues for more drainage access points. In the hands of sewerage authority, they are aware of LCC comments		Complete			
09/06/2014						<b>Elsham Walk</b> - Gullies Cleaned out and running clear - no further work required		Complete			
09/06/2014						<b>Hill Crescent</b> - No flooding on highway, and private property. Water is flowing away, no further action from LCC		Complete			
09/06/2014						<b>Limber Close</b> - Blocked gullies have been cleaned out and are running well.		Complete			
09/06/2014						<b>Trinity Street</b> - The gully has been cleansed and linear drains to be installed 2016/2017			2016/2017	S19-115	AF
09/06/2014						<b>Silver Street</b> - Investigation have indicated there are no issues to be addressed.		Complete			

Lincolnshire County Council S19 investigations - Network North Area F - Contact Officer Steve Wiles - Area Highways Manager							Indefinite Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for Inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
09/06/2014						Caldicot Drive - Conclusions found additional gullies are required. Work currently in the system		On-going	Programmed for 2016		
09/06/2014						Darwin Street - Gullies cleansed, no further work identified for LCC. It appears a blocked sewer may have contributed to the problem, this has been passed to Severn Trent to investigate		Complete			
09/06/2014						Rectory Avenue - Due to parked cars on street and narrow minor gullies access to the Highway Gullies to clean and jet the surface water system. The location has been included in the jetting programme.		On-going			
09/06/2014						Spring Gardens - Minor works being organised for additional gullies and connections to be done - now complete		Complete			
09/06/2014						Priority Close - No actions pending.		Complete			
09/06/2014						Longwood Road - No actions pending, no issues apparent - appears initial problem was a localised blockage		Complete			

Lincolnshire County Council S19 investigations - Network North Area G - Contact Officer Kyra Nettle - Acting Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for Inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
14/08/2015	Potterhanworth Under Railway Bridge, Station Road	<b>Carriageway flooding</b> - 02:23 Hrs - Police incident 39 1409/15 - Deep flood under rail bridge on station road Potterhanworth. Car stuck and freed by FB. 02:26 Hrs - Kier North ER to attend and close road at bridge. 03:33 Hrs ER team on site very bad and needs closing. 03:54 Hrs - Road closed and traffic diverted via Heighthorn.  <b>cway flooding</b>	LCC - Yes	Increase frequency of routine cleansing Ad-hoc cleansing of outfall with high power jet-vac Cut grips into the verge at regular intervals east and west of the bridge to reduce the quantity of highway surface water reaching the drainage system	NO	Increase frequency of routine cleansing Ad-hoc cleansing of outfall with high power jet-vac Cut grips into the verge at regular intervals east and west of the bridge to reduce the quantity of highway surface water reaching the drainage system	LCC	On-going	Dec-15	S19-131	AG
13/08/2015	<b>North Hyleham</b> 544b Newark Road	Standing water collects in the carriageway channel at a low point between kerb off falls flows over a dropped kerb and footway and down the access to 544b Newark Road.  <b>1 property</b>	LCC-Yes	The length of dropped kerbs are no longer required and should be replaced with full face kerbs to provide a barrier to water ingress. Further work should follow on to address the standing water on the carriageway.	NO	The length of dropped kerbs are no longer required and should be replaced with full face kerbs to provide a barrier to water ingress. Further work should follow on to address the standing water on the carriageway.	LCC	On-going	2016	S19-130	AG
23/12/2015	<b>Lincoln</b> The Park	Drainage overwhelmed by surface water, which continued to flow through the business' wall and cause internal damage to carpets in rear room. The cause of flooding is inconclusive as to the location of the internal flooding.  <b>1 property</b>	LCC-Yes	Under initial investigation by Area E	NO	Awaiting Report	LCC	On-going	2016	S19-149	AG
23/12/2015	<b>Lincoln</b> Lindum Avenue	Surface water is running down the hill outside the property filling the gullies. The water is then rising up through the floorboards in the kitchen located in the basement.  <b>1 property</b>	LCC-Yes	Under initial investigation by Area E	NO	Awaiting Report	LCC	On-going	2016	S19-150	AG

Lincolnshire County Council S19 Investigations - Network North Area H - Contact Officer Dean Myhill - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
29/06/2012	Chapel St Leonards The Esplanade	Surcharging from the highway drainage system due to blockages within the system, root ingress and possible concerns over the number of gullies.  <b>2 Properties</b>	LCC - Yes	LCC has investigated the highway drainage system and undertaken a CCTV survey which indicates blockages and root infestation. Gullies and connections have been jetted. Further work is planned to clear roots and blockages within the system, and install additional gullies. The improvements are currently being designed and costed.	No	Work being designed and costed	LCC	On-going	Design 2014/15	S19-012	BH
29/06/2012	Louth Riverhead Terrace, Louth	During heavy rainfall (estimated to be a 1 in 60 year event) flooding took place in Riverhead Terrace due to overland flows from adjacent Riverhead development, and flows from the Terrace area being unable to escape.  <b>3 Properties</b>	East Lindsey District Council - Yes Anglian Water - Yes	Development has taken place to the east and north of Riverhead Terrace, which is partially complete. The new development is significantly higher than the Terrace, and has severed the natural drainage and flow routes from Riverhead Terrace, such that surface water from the Terrace and land to the north is trapped against the new development. The only means of surface water disposal from Riverhead Terrace is now via a combined gravity system with an assisted foul pumping station. The pumping station was installed subsequent to development, at the east of Riverhead Terrace. It is unlikely that this foul pumping station will have the capacity to deal with surface water flows from Riverhead Terrace and its catchment area. The new development is to be drained by Anglian Water foul and surface water sewer systems and also involves the culverting of a watercourse which previously drained the land to the north and east of the Terrace. Due to the elevation of the new development the plans included a retaining wall at its junction with Riverhead Terrace. However, this was not constructed at the time of the flooding. In addition, a number of planned road gullies at the western end of the development were not installed and others were blocked. This added to the problems in the Terrace. Since the summer ELDCC have required the developer to cascade down into Riverhead Terrace. Since the summer ELDCC have required the developer to complete the retaining wall, install the missing gullies, and clean out the surface water sewer system, which should mitigate the overland flows from the development. However, there remains a significant issue in that the development has severed the natural drainage and flow routes from Riverhead Terrace, such that surface water from the Terrace and land to the north are trapped against the retaining wall and the raised development. East Lindsey District Council has commissioned a study which has commenced. Survey complete and study undertaken to identify issues and solutions. Anglian Water has undertaken further investigation with potential for a grant aid bid.	No	ELDC commissioned a hydrological study in April 2013 which is now complete. The report makes a number of recommendations - the most significant being for a much larger AW pumping station. AW to make a scheme submission as part of their Price Review 14 process. Works have commenced (Aug 2014) into the upgrade of two phases, first being Ramsgate Road Area and then Phase two to include improvements to the Riverhead Area. All works to be completed by the end April 2015.	AW ELDC	On-going	Completion due Autumn 2016	S19-016	BH
09/06/2014	Salfleet Main Road	Extreme rainfall (1 in 60 year event) meant the highway drains were unable to cope with the amount of surface water on the carriageway and overland flow from the surrounding land.  <b>1 Property</b>	LCC - Yes	Following the investigation into the flooding several factors were identified: Level of property which is situated 1.3m below carriageway surface; surface water system capacity issues were also identified due to the extreme rainfall event; and surface water and overland flows from adjacent land. The recommendations identified the need for replacement of a 48m section of pipe to remove a bottle neck within the system. Additional works to possibly re-line sections of the pipe, repair damaged sections and root cutting works are to be programmed for 2015.	No	Root cutting, possible re-lining the pipe and replacement of section of pipe.	LCC	On-going	Summer 2015	S19-094	BH
09/06/2014	Manby Chapel Lane Prowest Road / Carlton Road	Following the two periods of extreme rainfall that fell during Monday 5th and Tuesday 24th June the surface water highway drainage system was unable to cope with the amount of rainfall in 1 hour. Majority of the surface water was initially discharged from ELDCC carpark, and adjacent playground onto the carriageway. Lincolnshire Fire & Rescue attended the scene to pump out excessive surface water.  <b>3 Properties</b>	LCC - Yes	ELDC arranged to cleanse and jet the existing system and carry out a full investigation. The report identifies that the current system requires a major upgrade including the installation of new pipes and gullies. ELDCC is installing a holding tank within its property to control the discharge of surface water onto the highway.	No	Work to upgrade the existing drainage system has been completed; the installation of the holding tank is due to be carried out very soon by ELDCC.	ELDC	On-going	Dec-14	S19-095	BH
09/06/2014	Louth High Holme Road	Extreme rainfall caused significant overland flow and highway surface water to enter low lying properties; this was due to capacity issues of the existing surface water drainage system. Residents in the properties were evacuated to temporary accommodation due to internal flooding.  <b>1 Property</b>	LCC - Yes	LCC to issue a small roadway drainage improvement scheme to help alleviate problems in the area although this will not resolve the problems during extreme rainfall, but may offer assistance during heavy / average rainfall.	No	LCC Highways to undertake a small roadway drainage scheme and carry out further investigations regarding drainage capacity issues.	LCC	On-going	Spring 2015	S19-088	BH

Lincolnshire County Council S19 Investigations - Network North Area H - Contact Officer Dean Myhill - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
08/08/2014	Louth Sandringham Drive	Extreme rainfall in the Louth area, caused a property to flood internally. The property is located at a low point and surface water from the highway entered the garage and flooded the property. The water gully located outside the vehicle access may have been blocked or overwhelmed the drainage system causing the internal flooding to the property. <b>1 Property</b>	LCC - Yes	Due to the intensity of the rain cleaning and jetting the system won't completely resolve the issue. Assuming the drainage system is kept in good working order the most likely solution to ease the problem of flooding will be to increase the upstand of the dropped kerbs to +25mm. This will be carried out as a small highway maintenance scheme.	No	Minor works to increase the upstand of the dropped kerbs will be carried out in due course	LCC	On-going	End of 2015	S19-126	BH
08/08/2014	Louth Westgate	Extreme rainfall in the Louth area, caused 2 properties to flood internally. The properties are at a particular low topographical point of the town and subject to overland and highway surface water to flow from the higher land in the south. <b>2 Properties</b>	LCC - Yes	Due to capacity issues the gully cleansing and jetting is unlikely to resolve the problem during extreme rainfall as the quantity of surface water would overwhelm any standard drainage system. However this will hopefully ease the extent of flooding and be effective during heavy / average rainfall. LCC Highways to arrange for a CCTV drainage investigation to be carried out. Depending upon the results may arrange for a scheme to be carried out to upgrade the existing system or create additional facilities. Once a solution is identified and costed, funding / contribution may be applied for through the LLFA. A flood alleviation scheme is planned for the River Lud at Riverhead in Louth.	TBC	CCTV drainage investigation to be carried out in due course.	LCC	On-going	End 2015 TBC	S19-124	BH
10/08/2014	Chapel St, Leonards South Road	Highway surface water entered the property through the vehicular access and flooded the driveway and then entered the living area of the dwelling. <b>1 Property</b>	LCC - Yes	Due to capacity issues the gully cleansing and jetting is unlikely to resolve the problem during extreme rainfall, as the quantity of surface water would overwhelm any standard drainage system. However this will hopefully ease the extent of flooding and be effective during heavy / average rainfall, together with the solutions installed by the residents. LCC Highways to arrange a CCTV drainage survey to identify any blockages or defects within the system. Assuming the drainage system is in good working order, the most likely solution to ease the problems of flooding will be to increase the upstand of the dropped kerb to +25mm and install an additional gully at the lowest point (determined by level survey), and connect to the existing surface water drainage system. This will be carried out as a small highways maintenance scheme.	No	CCTV drainage investigation to be carried out in due course. Along with the installation of an additional gully and increasing the upstand of the vehicular access to +25mm.	LCC	On-going	End of 2015 TBC	S19-125	BH
25/12/2015	Louth Eastfield Road	Property flooded twice of the xmas period due to surface water running down the highway	LCC	Internal flooding confirmed by DIM Investigation & Report ongoing	NO	Awaiting Report	LCC	On-going	TBC	S19-151	BH
08/01/2016	Swaby Mill Row	Potential Flooding - <b>1 Property</b>								S19-153	BH
08/01/2016	Louth Eastfield Road	Property flooded twice over Christmas due to water running down from the public highway - <b>1 Property</b>								S19-154	BH

Lincolnshire County Council S19 investigations - Network North Area J - Contact Officer Andrew Ratcliffe - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
28/06/2012	<b>Horncastle</b> East Street and Stanhope Road Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of East Street and Stanhope Road. The extreme rainfall overwhelmed the highway drainage system which was also suffering from surcharged outfalls due to high river levels. <b>2 Properties</b>	LCC - <b>Yes</b>	LCC has undertaken a CCTV survey of the highway drainage system in the area which has identified some minor defects and obstructions which will be addressed. LCC has also undertaken initial modelling work to help understand and assess the surface water flood risk in Horncastle. A further meeting with Anglian Water is to be arranged, and a bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC AW	On-going	2014 & 2015 - 2017	S19-001	BJ
28/06/2012	<b>Horncastle</b> West Street	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent school field, hillside and Lincoln Road. The surface water collected at the bottom of the hill causing flooding to the Grammar School and adjacent properties in West Street. <b>3 Properties</b>	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC has undertaken a check of the highway drainage system in West Street and has cleaned out a number of gullies and removed the blockages. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. A bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	Blockages removed and gas main relocated. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC	On-going	2014 & 2015 - 2017	S19-002	BJ
28/06/2012	<b>Horncastle</b> South Street and Bull Ring	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of the Bull Ring and South Street overwhelming the Anglian Water sewer systems; which were also suffering from surcharged outfalls due to high river levels. <b>3 Properties</b>	Anglian Water - <b>Yes</b> LCC - <b>Yes</b>	Whilst the flooding was caused by extreme rainfall and overland flows, LCC has undertaken a CCTV survey of the underground surface water systems. This has revealed a number of condition concerns in relation to a brick culvert system owned by Anglian Water. The report has been passed to Anglian Water in order that they consider future action and repairs. LCC has in addition carried out repairs to gullies and connections in South Street. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. A bid for an overall surface water study for Horncastle is being submitted by LCC. Anglian Water will be undertaking the remedial works. The Environment Agency works regarding outfall issues and river levels will reduce flood risk.	Yes	LCC gullies and system checked and repaired. Anglian Water checking surface water systems and may consider improvement works in future asset management plans. Feasibility and design programmed for 2014/15 and if approved; works to progress in 2015/16/17.	LCC	On-going	2014 & 2015 - 2017	S19-003	BJ
28/06/2012	<b>Horncastle</b> Langton Hill	Extreme rainfall (estimated to be a 1 in 30 year event) caused significant overland flows from the adjacent hillside and agricultural land, including the area around the interconnector ditch. Combined with the highway surface water overwhelmed both the highway and surface water sewer drainage systems on Langton Hill and West Street, and caused flooding at the bottom of the hill.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b> Witham 3rd IDB - <b>Yes</b>	A full drainage survey has been carried out and significant blockages have been removed from both highway drainage and sewer systems. A number of drainage gullies have been cleaned and a number of drainage pipes replaced. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. A bid for an overall surface water study for Horncastle is being submitted by LCC. The Witham 3rd Internal Drainage Board is ensuring that ditches are cleared by respective riparian land owners.	Yes	Highway drainage system repaired and functioning. Anglian Water checked the surface water system and it is working acceptably. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC	On-going	2014 & 2015 - 2017	S19-004	BH
28/06/2012	<b>Horncastle</b> Mark Avenue, Accommodation Road and Prospect Street	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent hillside and agricultural land. This was exacerbated by the interconnector ditch being restricted at its entrance to the culvert system, which caused flooding to the adjacent properties on Accommodation Road and Prospect Street. <b>14 Properties</b>	Anglian Water - <b>Yes</b> Witham 3rd IDB - <b>Yes</b> East Lindsey District Council - <b>Yes</b>	Whilst the flooding was caused by extreme rainfall and flows from adjacent land, investigations revealed an interconnecting ditch which flows into a culverted watercourse which is shown on Anglian Water records. East Lindsey District Council has cleared the culvert and trash screen. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. Ditches cleaned out and discussions are ongoing between Anglian Water and Witham 3rd Internal Drainage Board regarding ownership. A bid for an overall surface water study for Horncastle is being submitted by LCC.	Yes	Ditches cleaned out. Discussions ongoing between Anglian Water and Witham 3rd IDB regarding ownership. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC AW Witham 3rd IDB	On-going	2014 & 2015 - 2017	S19-005	BJ
28/06/2012	<b>Horncastle</b> Bowl Alley Lane	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent school field and Bowl Alley Lane. The surface water collected at the lowest point causing flooding to the adjacent properties in Bowl Alley Lane. <b>3 Properties</b>	Anglian Water - <b>Yes</b> LCC - <b>Yes</b>	Whilst the flooding was caused by extreme rainfall and overland flows, LCC has undertaken a CCTV survey of the underground surface water systems in the area. This has revealed a number of condition concerns in relation to the system owned by Anglian Water. The report has been passed to Anglian Water and future discussions will be undertaken in order that it considers future action and repairs. In addition, LCC is planning to install additional drainage protection features in the school and adjacent properties, a bid for discussion with the school with respect to intercepting flows from the school is being submitted by LCC.	Yes	Partnership scheme developed between LCC Highways, Education, AW and initial work delivered. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2015/16/17.	LCC AW	On-going	2014 & 2015 - 2017	S19-006	BJ

Lincolnshire County Council S19 investigations - Network North Area J - Contact Officer Andrew Ratcliffe - Area Highways Manager											
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
28/06/2012	New Bollingbrooke Main Road/Station Row	Extreme rainfall (estimated to be a 1 in 40 year event) caused highway surface water flows to collect in the low area of Main Road/Station Row overwhelming the highway drainage system in the footway. <b>7 Properties</b>	LCC - Yes	LCC has investigated the drainage and found blockage/damage due to buildings and tree roots. A solution to rectify the damage is being designed and costed.	No	Dropped kerbs outside the post office replaced with full height kerbs. Drainage system found to be damaged by buildings/trees and a new outfall is required. Solution being designed and costed.	LCC	On-going	2014 - 2016	S19-007	BU
28/06/2012	Roughton Moor Horncastle Road adjacent to the old railway line	Metalling works to the Spa Trail has affected the natural overland flow routes. This has caused surface water to be trapped on the south side of the trail, which has caused flooding to one property. <b>1 Property</b>	LCC - Yes	Temporary relief trench has been cut and boarded. LCC designing a solution as Spa Trail upgrade has affected the natural overland flow path.	No	LCC has carried out remedial works to reduce flood risk to properties by the installation of a cross drain.	LCC	Complete	Complete Autumn 2012	S19-008	BU
28/06/2012	Toynton St Peter Ings Lane	Extreme rainfall caused overland flows to surcharge a number of water courses in the area resulting in flooding to a low lying property in Ings Lane. <b>1 Property</b>	Witham 4th IDB - Yes LCC - Yes	It is recommended that a new watercourse be cut to the south to divert flows from Toynton St Peter away from the flooded property. Witham 4th Internal Drainage Board is considering a scheme. However, this is likely to be a low priority due to the cost, legal issues and minimal benefits.	Yes	Witham 4th IDB considering a capital scheme submission with possible upgrading/realigning of drains in the area. Investigation works programmed for 2016/17/18. Possible works 2018/20.	Witham 4th IDB	On-going	Investigation 2016/17/18 Possible works 2018/19/20	S19-010	BU
28/06/2012	Wainfleet Station Road	Internal flooding to four properties, during intense rainfall, due to inoperative highway drainage system. This was caused by damage from utility companies and the outfall/ditch not being maintained. <b>4 Properties</b>	LCC - Yes	LCC should clean all gullies and restore the highway drainage system and ensure these are running efficiently to the River Steeping. Further monitoring should be carried out.	No	LCC have cleaned all gullies, restored the highway drainage system and ensured they are running efficiently to the River Steeping. Further monitoring to be carried out	LCC	On-going	Spring 2015	S19-017	BU
28/06/2012	Skegness Summingdale Drive	Intense rainfall overwhelmed AW surface water sewer system causing internal flooding to one property. <b>1 Property</b>	Anglian Water - Yes	Investigations by AW discovered three blockage/damage to the main surface water sewer on Summingdale Drive, due to incursions from other utility companies.	No	Blockage/damages have now been addressed by AW and the private drainage system cleared. AW has applied for funding to CCTV survey the remainder of the system.	AW	On-going	Spring 2015	S19-018	BU
08/07/2012	Burgh Le Marsh High Street	Overland and highway surface water flows entering low lying property due to suspected lack of capacity and defects in the surrounding highway drainage system, despite previous kerbing works aimed to mitigate problem. <b>1 Property</b>	LCC - Yes	LCC have investigated the surface water system and identified damage caused by utility activity. LCC will enforce repair once utility has been identified.	No	Works to raise kerbs and regrade footway in hand. New surface water sewer/drain in carriageway with outfall to Catchwater Drain is budget dependent. Initial discussions with LMIDB have been undertaken to investigate routing and outfall locations.	LCC LMIDB	On-going	2014/15	S19-024	BU
09/06/2014	Hagworthingham Saathorpe Road	Following torrential rainfall, drains were unable to expel the surface water causing it to flow onto the driveway and enter the property owners conservatory. <b>1 Property</b>	LCC - Yes	LCC Highways has cleaned and jetted the existing drainage system. The report into the drainage investigation is still outstanding and CCTV investigation of the drainage system will be carried out if required.	No	Drainage system has been jetted and cleaned awaiting report. If required a CCTV investigation will be carried out to identify any problems within the system.	LCC	On-going	Summer 2015	S19-092	BU
24/06/2014	Horncastle Langton Hill	Extreme rainfall estimated at being a 1 in 30 to 1 in 100 year event resulted in significant overland flows from the surrounding land. The combined surface water and overland surface water flow overwhelmed the highway sewer system on Langton Hill and West Street and caused flooding at the bottom of the hill which affected one property. <b>1 Property</b>	LCC - Yes	Following a similar event in 2012, works were undertaken by AW and LCC Highways to rectify defects to the surface water systems along Langton Hill and West Street. However, defects to one section of the highway drainage system are yet to be completed. There appears to be issues with the capacity of the system in the area. LCC recommend the completion of the initial project identified in 2012 along with profiling the footway and lifting the kerb face to divert surface water away from the property, this is currently underway. There is also a ditch at the higher end of Langton Hill which requires cleaning out and Witham 3rd IDB require action by the riparian land owners.	No	Reprofiling of the footway is currently underway along with the completion of outstanding works; all due to be completed by the end of March 2015. The cleaning out of the ditch is yet to be undertaken by the riparian owner.	LCC Witham 3rd IDB AW	On-going	Completion due Spring 2015	S19-096	BU
09/06/2014	Skegness North Parade	Intense summer rainfall caused internal flooding to the hotel. Surface water entered the building via the ladies toilets. <b>1 Property</b>	LCC - Yes Anglian Water - Yes	AW to investigate the capacity of the surface water system. The property owners should investigate whether they have sufficient drainage within their land to accommodate the normal flows expected.	No	Further investigations to be carried out by AW and recommendations advised to property owners.	LCC AW	On-going	Spring 2015	S19-101	BU
24/06/2014	Skegness Summingdale Close	Following torrential rain, the highway drains were unable to cope with the amount of surface water on the carriageway. The flood water entered the property. <b>1 Property</b>	LCC - Yes Anglian Water - Yes	AW to investigate the capacity of the surface water system. The property owners should consider installing cut off drains to collect water before it enters the property and ensure discharge to an appropriate location, or consider other property level protection measures.	No	Further investigations to be carried out by AW and recommendations advised to property owners.	LCC AW	On-going	Spring 2015	S19-098	BU



Lincolnshire County Council S19 investigations - Network North Area J - Contact Officer Andrew Ratcliffe - Area Highways Manager											
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24/06/2014	<b>Skegness</b> Sunningdale Drive	Following torrential rain, the highway drains were unable to cope with the amount of surface water on the carriageway. The flood water entered the property, whilst the owners were away on holiday. <b>1 Property</b>	LCC - <b>Yes</b>	Following investigations carried out by AW in 2012, third party obstructions were identified at several locations within the system. Three of these were resolved in 2013 and a further drainage survey was carried out. AW to carry out further investigations.	No	Further investigations to be carried out by AW and recommendations advised to property owners.	LCC AW	On-going	Spring 2015	S19-099	BU
24/06/2014	<b>Skegness</b> Theatre, Grand Parade	Following torrential rain, the highway drains were unable to cope with the amount of surface water on the carriageway and a property was flooded. <b>1 Property</b>	LCC - <b>Yes</b>	AW to investigate the capacity of the surface water system. ELDC should consider investigating whether it has sufficient drainage within its land to accommodate the normal flows expected.	No	Further investigations to be carried out by AW & ELDC	LCC AW ELDC	On-going	Spring 2015	S19-100	BU
27/06/2014	<b>Skegness</b> Junior School Academy Felham Road	During torrential rain, school corridors were overwhelmed with flood water from the 3 internal downpipes located within the schools corridor. Due to the back up of silt and debris located in the main drain on Pelham Road, excess water from the downpipes overflowed into the Year 5 corridor causing internal flooding. <b>1 Property</b>	LCC - <b>Yes</b>	AW should investigate the surface water system for possible restrictions to flow. Further investigations regarding the outfall of the system need to be undertaken in due course.	No	Further investigations to be carried out by AW	LCC AW	On-going	Summer 2015	S19-102	BU
10/07/2014	<b>Andersby Creek</b> Lakeside	Intense summer rainfall last night caused several properties in the area internal flooding Cause and No of properties to be confirmed. <b>3 Properties</b>	LCC - <b>Yes</b>	A full investigation and designs for the installation of a surface water drainage system have been undertaken by LMIDB. The proposed scheme seeks to install a new surface water drainage system draining into the adjacent lake. Improvements to the riparian maintained are also proposed. Upon completion the new drainage system is to be maintained by LMIDB. The scheme is a partnership scheme funded by LMIDB, ELDC and LCC for completion in Spring 2015.	No	All proposed works have now been completed	LMIDB ELDC LCC	Complete	Mar-15	S19-123	BU
08/08/2014	<b>Friskney</b> Fold Hill / Low Road	Intense rainfall that fell over a short period of time and flowed over agricultural land causing internal flooding to one property. <b>1 Property</b>	LCC - <b>Yes</b> Witham 4th IDB - <b>Yes</b> ELDC - <b>Yes</b>	All drainage systems should be cleared out and long term maintenance strategy considered by the owners of the assets.	No	Witham 4th IDB have agreed to clean out and adopt a short section of ditch. ELDC downed some of the culverted system. ELDC and LCC to carry out the excavation and a one off clean of the riparian system.	LCC ELDC Witham 4th IDB	On-going	Summer 2015	S19-117	BU
08/08/2014	<b>Wainfleet All Saints</b> Beflem, Crescent	Intense rainfall that fell over a short period of time caused internal flooding to one property. <b>2 Property</b>	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	AW should consider investigating the surface water drainage system within the local area to determine if there is sufficient capacity to drain the local area to 1 in 30 year standard	No	Further investigations to be carried out by AW	LCC AW	On-going	Summer 2015	S19-118	BU
08/08/2014	<b>Skegness</b> Ida Road	Intense rainfall that fell over a short period of time caused internal flooding to one property. <b>1 Property</b>	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	The property owners have been advised into installing extra drainage to collect water before it enters the property and ensure discharge to an appropriate location. Additional advice includes increasing property level protection options	No	The property owner has been made aware of property resilience measures that should help alleviate flooding in the future.	LCC AW	Complete	Winter 2014	S19-119	BU
08/08/2014	<b>Wainfleet All Saints</b> High Street	Extreme rainfall caused significant highway flows. The rainfall on the carriageway overwhelmed the highway surface water systems on the High Street, which needed to be cleared. The next morning several vehicles caused flooding to one property. <b>1 Property</b>	LCC - <b>Yes</b>	Following further flooding, LCC will undertake cleaning and jetting of the highway surface water system in order to clear any blockages; however, due to the location and the proximity of the railway crossing permissions to work in the area will need to be granted by Network Rail. LCC will be notified if any defects are found a full CCTV survey will be commissioned to ascertain the extent of any defects.	No	Works to clean and jet the surface water system to be programmed but there are issues whilst working near railways that need to be addressed prior to any works commencing.	LCC	On-going	End 2015 TBC	S19-121	BU
19/08/2014	<b>Irby in The Marsh</b> Wainfleet Road	Extreme rainfall caused significant highway flows. The rainfall on the carriageway overwhelmed the highway surface water systems on Wainfleet Road, flowing over the dropped access kerbs and causing flooding to the one property. <b>1 Property</b>	LCC - <b>Yes</b>	Highway works are to be undertaken to install a tarmac bund in the access to redirect surface water away from the property towards the highway gully and ditch. Further works to be programmed during 2015 include cleaning and jetting the gully and connections to ensure they are working efficiently.	No	Initial works to install a tarmac bund in the access have been carried out. Works to clean and jet the gully and connections to be carried out shortly	LCC	On-going	Summer 2015	S19-122	BU
05/08/2015	<b>Skegness</b> Police Station, Park Avenue	TBC - <b>1 property</b>	LCC	Under initial investigation by AR, awaiting feedback	NO	Awaiting Report		On-going		S19-142	BU
31/12/2015	<b>Langton by Spilsby</b> Langton Road	Internal Flooding occurred when a re-build drain which is blocked within the drainage system flooded the area and entered the property	LCC AW	Internal flooding confirmed by JH investigation & report ongoing	NO	Further investigations required to identify blockage/collapse within the sewer system.	LCC AW	On-going	End 2015	S19-146	BU

Lincolnshire County Council S19 Investigations - Network North Area L - Contact Officer Rowan Smith - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference	Division Code (AECN etc.)
28/06/2012	<b>Ruskington</b> High Street North and South, Manor Street, Chapel Street and Chestnut Street	Overlapping of Ruskington Beck (Main River) and surcharge of foul sewers and overtopping of riparian watercourse. <b>6 Properties</b>	Environment Agency - <b>Yes</b> Anglian Water - <b>Yes</b> Witham 1st IDB (Enforcement) - <b>Yes</b>	The Environment Agency is to remodel Ruskington Beck (hydraulic) and carry out riparian enforcement. Anglian Water is investigating the foul water system and is considering an improvement scheme. A bid for an overall study for Ruskington has been submitted for feasibility, design and works.	Yes	Investigation ongoing LCC, AW, EA meeting held with all partners involved to discuss scheme brief. Feasibility and Design 2014/15, possible work 2016/17.	LCC AW EA	On-going	Feasibility and Design 2016 Possible works 2016	S19-045	CL
28/06/2012	Cranwell Thorald Avenue	Surface water surcharge from private parking area and highway gullies onto private property causing internal flooding of conservatory. Possible contributing factors due to the development of adjacent land which was historically an area of flood plain. Non maintenance of riparian watercourse. <b>1 Property</b>	Witham 1st IDB - <b>Yes</b> LCC - <b>Yes</b> North Kesteven District Council - <b>Yes</b>	Investigations ongoing between LCC, North Kesteven District Council and Landdowners. Work to divert water away from garages being looked at. Landowner has been written to regarding possible cutting of new dyke.	No	Investigations ongoing LCC, NKDC. Landowners possible work being investigated to divert highway water away from private property. Survey completed with NKDC in Dec. Further meeting with NKDC Nov 2014.	LCC NKDC	On-going	Summer 2015	S19-047	CL
28/06/2012	<b>Digby</b> North Street	Overland flow from field into private properties, also blocked culvert/watercourse on school playing field. <b>8 Properties</b>	LCC - <b>Yes</b> Witham 1st IDB - <b>Yes</b>	LCC, Witham First IDB and the Environment Agency are to undertake local maintenance and are considering improvement works following consultation with the Parish Council. A bid for an overall flood risk study for Digby has been submitted for feasibility, design and works.	Yes	Local maintenance work carried out by LCC, IDB & Landowners on Green Dykes and North Street. Wider improvement schemes under consideration. Feasibility and Design 2014/15. Possible works 2015/16/17.	LCC Witham 1st IDB EA	On-going	Feasibility and Design 2015/16 Possible works 2016-17	S19-048 S19-049	CL CL
28/06/2012	<b>Digby</b> Beck Street	Overlapping of Digby Beck (Main River) and capacity issues on the foul sewer. <b>2 Properties</b>	Environment Agency - <b>Yes</b> Anglian Water - <b>Yes</b> LCC - <b>Yes</b>	LCC to advise properties on self prevention measures relating to flood resilience. Anglian Water to investigate capacity of combined system.	No	LCC actions completed but awaiting AW investigation. LCC liaising with Anglian Water in regards to capacity issues.	LCC AW	On-going	Summer 2015	S19-050	CL
28/06/2012	<b>Stearford</b> Southgate	Surface water from public highway and private land flowing into properties through front and rear entrances. <b>2 Properties</b>	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Improvement works on watercourse undertaken November 2012. Ongoing LCC investigations, further excavations to commence to provide access for CCTV survey, also minor kerbing improvements and works issued. A meeting has been held with the Parish Council/Flood Group/National Flood Forum. A bid for an overall study for Timberland has been submitted for feasibility, design and works.	Yes	Local work involving excavations to provide access for CCTV survey on-going. Kerbing work completed. Wider scheme Feasibility and Design 2016/17/18. Possible works 2018/19. LCC to carryout regular monitoring.	LCC	On-going	Feasibility 2017/18 Possible works 2018/19	S19-054	CL
28/06/2012	<b>Timberland &amp; Thorpe Tillye Village</b> Various	Surcharging of open watercourses and assumed restrictions within culverted sections. Surcharge of public surface and foul water systems. <b>3 Properties</b>	Witham 1st IDB - <b>Yes</b> LCC - <b>Yes</b> Anglian Water - <b>Yes</b>								

Lincolnshire County Council S19 Investigations - Network North Area L - Contact Officer Rowan Smith - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference	Division Code (AECN etc.)
28/08/2012	Swaton West Cross Lane / Street	Overland surface water flowing through private land. Separate case of overtopping of Swaton Eau flooding carriageway and property basement.  <b>2 Properties</b>	Environment Agency - <b>Yes</b> Black Sluice IDB - <b>Yes</b> LCC - <b>Yes</b>	The Environment Agency has completed its hydraulic modelling works. Black Sluice Internal Drainage Board has previously bid for an enforcement scheme. Environment Agency / LCC have been asked to assist with scheme promotion.	Yes	EA completed modelling, discussion on-going with LCC regarding possible escape route for residents. Also considering resilience measures for properties.	LCC EA Black Sluice IDB	On-going	Awaiting EA/IDB Catchment study	S19-056	CL
08/07/2012	Burton Peckwardine White Cross Lane / Asgardby Road	Surface water surcharge from private open watercourse to the east.  <b>2 Properties</b>	Black Sluice IDB - <b>Yes</b>	Black Sluice IDB to carry out enforcement. Resident met and awaiting proposals which may be subject to a highway contribution. Awaiting confirmation.	No	Discussions still ongoing between LLFA, IDB and residents. LCC have found and cleaned 2 pipes under road.	LCC Black Sluice IDB	On-going	2015	S19-082	CL
08/07/2012	Newton near Haceby Newton Village - C343 Walcott Road	Overtopping of riparian dykes.  <b>7 Properties</b>	Black Sluice IDB - <b>Yes</b> LCC - <b>Yes</b>	LCC proposing to replace culvert on Church Road, and the Black Sluice Internal Drainage Board. LCC are to explain further riparian duties to residents. Details of additional enforcement requirements to the east of the village have been sent to the Black Sluice Internal Drainage Board.	Yes	LCC instigated modelling works for catchment area including the village which will take account of new private protection of properties that have been carried out since the start of the programme in 2013. Proposed culvert replacement programme. Land Drainage Consent being sought.	LCC Black Sluice IDB	On-going	Feasibility, Design & Build 2016/17/18	S19-065	CL
23/05/2014	Dorrington Main Street	During a period of heavy rainfall this property suffered internal flooding from the lateral sewer beneath the property where water came up through the living room floor. The second event was caused by overland flow where flood water from the garden came in through the rear patio doors.  <b>1 Property</b>	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Following investigations it is assumed that saturated land and heavy rainfall caused overland water to flow down the gradient to the property. The lateral sewer located beneath the property was blocked by foreign objects which caused the sewer to burst and push water up through the floor. Anglian Water investigated as to where the excess water came from and suggested that it may have gained access from the foul system through the kitchens open gully's at the rear of the property.  LCC highways are considering installing additional gullies near the property and undertake a survey of the dyke to the rear of the property to determine the outfall on the southern side of the village.  Anglian Water to carry out further investigations into ensuring where possible, the excess surface water does not enter the foul water system.  The Internal Drainage Board has been requested to continue monitoring of the dykes, and take enforcement as necessary.  The riparian owner to maintain the dykes that they are responsible for and not to do anything that may restrict their flow.	No	LCC to consider installation of new gullies near the property.  AW to carry out investigations into the foul sewer system.  IDB to continue the monitoring of the dykes and enforce as required.  Riparian owner to maintain the dykes and ensure they do not restrict their flow.	LCC Anglian Water IDB	On-going	Summer 2015	S19-084	CL
10/03/2016	Heckington Hale Road	C1-1 day call back - THIS IS NOT STANDING WATER IN THE CARRIAGEWAY. IT IS IN CALLERS HOUSE - no other reason code option on Lagan. Caller says his house has ventilated floors, they are raised up from the ground creating a void of about 2 feet. Last night surface water went into the house via the air vents, the electricity tripped out. Caller still has about one foot of standing water in his back garden and says the sewer is full of water. Please call with a view to meeting on site. <b>1 Property</b>						On-going		S19-158	CL
10/03/2016	Steaford Hale Road	Caller says his house has ventilated floors, they are raised up from the ground creating a void of about 2 feet. Last night surface water went into the house via the air vents, the electricity tripped out. Caller still has about one foot of standing water in his back garden and says the sewer is full of water. Please call with a view to meeting on site. - <b>1 Property</b>						On-going		S19-159	CL

Lincolnshire County Council S19 investigations - Network North Area M - Contact Officer Mark Heaton - Area Highways Manager							Indefinite Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
29/04/2012	<b>Belton</b> Waterloo Cottages A607	Surface water from public highway and adjacent private land flowing onto properties.  <b>2 Properties</b>	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b> Environment Agency - <b>Yes</b> South Kesteven District Council - <b>Yes</b>	Upper Witham Internal Drainage Board has carried out enforcement on riparian owner for watercourse improvements. LCC Highways is designing improvements to the drainage system.	No	New drainage system/dyke renewal (seeking funding). Improvement work designed and due to be built summer 2014. Initial works have started within the private grounds, however, highway work has been delayed due to listed building status of a dyke stone wall. Original solution could not be built - new solution being considered. Trash screen has been installed.	LCC	On-going	Works have commenced; estimated completion Summer 2015.	S19-042	CM
28/06/2012	<b>Carlton Scroop</b> Main Street	Surface water run-off from private land running onto highway and entering front of cottage.  <b>1 Property</b>	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b>	IDB undertaking enforcement, further LCC investigation to be carried out.	No	IDB undertaking enforcement. Further LCC investigation to be carried out. System jettied, and requires new manhole but will not be placed until other issues have been resolved.	LCC	On-going	Outstanding works due to be completed Summer 2015.	S19-043	CM
06/07/2012	<b>Harlaxton</b> High Street	Current drainage system has insufficient capacity and backed up causing flooding to the carriageway and 2 properties.  <b>2 Properties</b>	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b> Anglian Water - <b>Yes</b>	Following detailed investigation, joint work between LCC and Upper Witham IDB has been completed. Investigation to Mow Beck required to understand overall flood risk.	No	LCC surface water scheme completed and EA to investigate Mow Beck watercourse downstream.	LCC EA	On-going	Summer 2015	S19-060	CM
06/08/2012	<b>Caythorpe</b> Gorse Hill Lane	Following an intense period of rain, excess surface water did not drain away fast enough from the gully at the boundary with Kings Hill. This caused surface water to flow across the carriageway and breach the verge and enter the property's driveway, subsequently overtopping the threshold causing internal flooding.  <b>1 Property</b>	LCC - <b>Yes</b>	The profile of the carriageway may cause excess surface water to miss gullies at the boundary of Kings Hill. The installation of a vehicular access built to the correct specification may also prevent further occurrences of flooding by increasing the kerb height between the carriageway and the property.	No	Further investigations of the surface water system required, possibly aided by development plans for Kings Hill. Level survey and wet weather inspection to be carried out to establish validity of highway drains. Inspections & cleansing carried out and further investigations required.	LCC	On-going	Spring 2015	S19-068	CM

Lincolnshire County Council S19 investigations - Network North Area M - Contact Officer Mark Heaton - Area Highways Manager							Indetified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
09/07/2014	<b>Barkston</b> West Street	Following heavy rain, the property incurred internal flooding. Excess surface water missed the gullies and flowed onto the property, through the front door to the kitchen at the rear of the property.  <b>1 Property</b>	LCC - <b>Yes</b>	Following the investigations carried out and the communication between the resident and LCC highways, it was proposed to lift the up stand of the kerb face and install a new gully outside the property.	No	All the actions and recommendations have been completed.	LCC	Complete	Complete Autumn 2014	S19-085	CM
22/05/2014	<b>Deeping St James</b> Horsegate	Following torrential rain, excess water on the carriageway forced water to overflow the footway and enter the properties causing internal flooding to the public house.  <b>1 Property</b>	LCC - <b>Yes</b> AW - <b>Yes</b> WDIDB - <b>Yes</b>	LCC to repair blockages in highway surface water system.  Welland & Deepings IDB to clear the identified blockages/diversion in their system and ensure the entry feed in the High Street is closed during weather warnings or during periods of heavy rain to ensure there is capacity for surface water to drain away.  AW to maintain the surface water drainage systems with recommendation that its system diverts into the watercourse on the High Street instead of linking with the WDIDB watercourse.	No	Maintenance work to be carried out by LCC.  Property owner advised on preventative measures to protect the property.  AW to clean & jet its system and divert the current system into the watercourse on the high street.  High Street is closed during periods of heavy rain.	LCC AW WDIDB	On-going	End 2015	S19-105	CN
24/08/2015	<b>Grantham</b> Coxmoor Close, St Million Drive, Cavendish Way, Partnership House Withambrook	TBC - <b>4 properties</b>	LCC, AWA, EA	Internal flooding confirmed - investigation & report BG/MH multiple location		Awaiting Report		On-going		S19-136	CM
24/08/2015	<b>Barkston</b> West Street	TBC - <b>1 property</b>	TBC	Internal flooding confirmed. Initial investigations Bryan Gault 28/8/15	NO	Awaiting Report		On-going		S19-085 repeat location, addition to existing report (addendum) S19-145	CM
24/08/2015	<b>Long Bennington</b> various locations within village	TBC - <b>23 properties</b>	TBC	Internal flooding confirmed Multiple locations - investigation & report MH/LG		Awaiting Report		On-going		S19-137	CM
24/08/2015	<b>Westborough</b> Town Street	TBC - <b>1 property</b>	TBC	Internal flooding confirmed 10/11/15 by LG - investigations & report ongoing		Awaiting Report		On-going		S19-144	CM

Lincolnshire County Council S19 investigations - Network North Area M - Contact Officer Mark Heaton - Area Highways Manager						Identified Actions/Works					
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
14/09/2015	Grantham 30 Westgate	C1 Customer called to state that yesterday in the heavy rainfall at around 4.30pm the shop she owns began to get flooded. She said that there is two drain that are blocked on a regular basis and so the water couldn't go down it. Water started to come in the property straight away and she called the fire brigade straight away and they attended. She said the incident was 1.2606. They pumped the water out of the property but the shop is damaged. She had sandbags as this has happened on 2 occasions but these were at her home. She said that the flooring is damaged. She has no power in the property and is losing money to the business. She would like us to come out and look at the inadequate drainage and deal with the current situation as it rains this could happen again. - <b>1 property</b>	TBC	internal flooding confirmed - under investigation & report MT	NO	Awaiting Report		On-going		S19-139	CM
24/09/2015	Grantham 90 Bridge End Road,	Date of Incident – all on the evening of 24/8/15 (all retrospective enquiries) Source of Report – Lincolnshire Fire & Rescue (F&R) Enquiry code – FLO6 Flood Invest Risk to Life/Prop Detail of each report – site was attended by F&R reacting to flooding - <b>1 property</b>	LCC /AWA	Initial Investigations M Thornhill letter send out to resident 14/9/15 awaiting confirmation of internal flooding	NO	Awaiting Report		On-going		S19-147	CM
14/09/2015	GRANTHAM Alexandra Road	TBC - <b>1 property</b>	TBC	Internal flooding confirmed - investigation & report M.P.B	No	Awaiting Report		On-going		S19-138	CM
10/03/2016	Welby Main Street	Pooling water in the wider part of the road close to the pedestrian pathway that is in poor condition and sitting lower than the main section of the road. The rainwater simply runs from the camber into this area and misses the gulleys each side of the front of my property. It tends to sit there for a few days once it has stopped raining. As each winter passes the small section of road further deteriorates. I paid for a pothole to be filled in when having some private tarmac work done in the summer as we were unable to avoid running through it and making it worse. <b>1 Property</b> Just to point out that the problem is across the full width of the Wagon and Horses starting at the bus stop gully and stretching across to the gully adjacent to Kirk Cottage. No. 229 main st. i.e. in between the 2 roadside verges.						On-going		S19-157	CM

**Appendix A**

Lincolnshire County Council S19 investigations – Network South Area N – Contact Officer Kevin Brumfield – Area Highways Manager											
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Identified Actions/Works	Promoter	Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference	Division Code (AE, CN etc.)
04/03/2016	<b>Stamford</b> St Mary's Hill	Blocked drain causing flooding. Flooding that has flowed into the property. Customer's states that this occurs annually. Date of incident: 04/03/16 - <b>1 Property</b>						On-going		S19-156	CN
09/03/2016	<b>South Witham</b> A1 North Bound	Garage workshop area flooded during period of persistent rainfall, causing surface water to the rear of the property to encroach into the workshop area - <b>1 Property</b>		The A-one+ Integrated Highway Services on behalf of Highways England to clear out the open dyke and unblock the piped culverts running alongside the A1 carriageway and between Trophy Cars Garage. The Land Owner of the adjoining land / open fields are to clear and dig out the land drains / dykes. It is recommended that the site owner of the land where Trophy Cars is located is to construct a swallow hole at the rear of the site to allow water run off to be contained away from the building complex therein.		Dykes adjoining the site to be more regularly and robustly maintained, and a swallow hole to be constructed by the site owner of trophy cars at the rear of the site to allow water run off to be contained away from the building complex		On-going		S19-160	CN

Lincolnshire County Council S19 Investigations - Network North Area P - Contact Officer Andy Wharff - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for Inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
05/12/2013	Lincolnshire coastal towns and villages properties along inland tributaries. Various streets in Boston, Skegness, Thosrope, Gillingham, Marsh, Wragby and Sleaford	Following the tidal inundation over the weekend, high properties, businesses and high grade agricultural land suffered serious flooding. The incident occurred due to extremely high tides combined with low air pressure and onshore wind direction. Extensive damage was caused to sea defences along the East Coast and tidal tributaries inland including The River Witham Haven, Lower River Trent & River Humber.	Black Sluice IDB - Yes Witham 4th IDB - Yes South Holland IDB - Yes Environment Agency - Yes Anglian Water - Yes Boston Borough Council - Yes Lincolnshire County Council - Yes East Lindsey District Council - Yes South Holland District Council - Yes West Lindsey District Council - Yes	<p><b>Skegness</b> - Following partial destruction of the stone wall at the rear of the promenade, discussions are underway with ELDC to agree partnership funding for a permanent solution based on a structural and cosmetic split. Work to construct this permanent flood wall will be undertaken under the local regeneration scheme later this year.</p>	Yes	EA & ELDC staged approach to construction of permanent flood wall.	Shoreline management approach involving: Black Sluice IDB Witham 4th IDB Sh Holland IDB EA AW BBC LCC ELDC SHDC WLDC	On-going	Complete March 2015	S19-075	DP
				<p><b>Boston</b> - Preparation of the Transport and Work Act Order for the Boston Barrier Scheme for submission to the secretary of state is due to be submitted in Autumn 2015. Subject to approval, the programme for delivering a multi-fundate barrier in construction to start during summer 2017 taking approximately 2.5 years for completion.</p>	Yes	Recommendations remain current. DEFRA consulting on Environmental Assessment scope.		On-going	2017 - 2020		
				<p><b>Gibraltar Point</b> - No emergency work has been undertaken. However, the Environment Agency are looking at the future of Buldog Bank sea defence and are reviewing the economic justification to fund its repair. If funding is not achievable alternative options will be considered.</p>	Yes	Recommendations remain current. Mathematical model undertaken and being assessed.		On-going	TBA		
				<p><b>Skegness to Mablethorpe Coastline</b> - The annual beach nourishment campaign (Lincshire) ran between April &amp; June 2014, replenishing the material lost over the last year. Over a 20km stretch, 6 areas have been re-nourished in this years campaign.</p>	Yes	Recommendations remain current. Salfleet to Gibraltar Point Coastal Strategy Review currently being undertaken.		On-going	TBA		
				<p><b>Bath Gardens</b> - The tidal surge led to partial failure of a 10m section of a brick flood wall. Sand bags were used, not only to temporarily secure the opening, but also afterwards to protect the new brickwork against subsequent New Year high tides.</p>	No	Recommendations remain current.		Complete	Complete		
				<p><b>Black Sluice Pumping Station</b> - 5 diesel pumps became submerged by floodwater, causing temporary loss of power and saline intrusion to the diesel pumps and gearing mechanisms. Following maintenance work to the pumping station it has now been brought back to working order.</p>	Yes	Recommendations remain current. Black Sluice Strategy Review being undertaken.		On-going	TBA		
				<p><b>Slippery Gowt</b> - Following a 40m wide breach, an immediate temporary repair was completed during December to secure the defence using sheet piling and stone. A permanent repair to improve the defence is underway.</p>	Yes	Permanent repair work completed. Further improvement works to be undertaken following ground investigation.		On-going	Oct 2014 - Mar 2015		
				<p><b>The Wash</b> - The area south of Horseshoe Point where bank-raising is required has been identified within the Medium Term Plan for completion. Following a meeting in January 2014 to discuss the localised community emergency and flood plan (CEFP), this will include the use of flood wardens and the creation of networks to share information.</p>	Yes	Recommendations remain current. Works still progressing in Medium Term Plan to deliver improved defences.		On-going	TBA		
				<p><b>Susworth</b> - Preventative measures for residents, including raising the top step of the footway on the river bank.</p>	No	Raise footway.		On-going	TBA		



Lincolnshire County Council S19 investigations - Network North Area P - Contact Officer Debra Greeves - Area Highways Manager							Identified Actions/Works				
Date of Incident	Town & Location	Description of Flooding	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations	Consideration for inclusion in future Common Works Programme	Proposed Action/Works	Promoter	Status	Estimated Timescales Recommendation/ Scheme Completion	S19 Report File Reference	Division Code (AE,CN etc.)
20/07/2014	Crowland Chapel Street	The road gully outside the property was unable to cope with the excessive amount of rainfall which resulted in surface water entering into the property, causing damage to the dining room and lounge.  1 Property	LCC - Yes	The drainage system has been jetted and indicated a possible blockage within the system. Excavations have been carried out and no blockage was detected within the drainage system. Since the reported incident there has been further heavy prolonged downpours within the area with no repeat of the previous flooding incident in July, it has been concluded that the current system is slow running and the surface water was exasperated due to the excessive amount of roof water flowing onto the highway from the property opposite. Further investigations will be carried out in due course.	No	Further Drainage investigations to be carried out in due course. An enforcement letter has been sent to the property opposite which is discharging water onto the highway.	LCC	On-going	2016	S19-113	DR
01/08/2013	Spalding Roman Bank	Details of flooding to be confirmed	TBC	Preliminary investigations ongoing		Awaiting Report		On-going		S19-140	DR
October 2015	Sutton St James Chapelgate	This flooding incident appears to be a reoccurring issue. Due to the levels of the site and the fact that there is no positive drainage within the property. Additionally the footway and the driveway at the property seems to be hard standing and falls towards the property	TBC	Preliminary investigations ongoing		Awaiting Report		On-going		S19-141	DR

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**Open Report on behalf of Richard Wills,  
Director responsible for Democratic Services**

Report to:	<b>Flood and Drainage Management Scrutiny Committee</b>
Date:	<b>13 May 2016</b>
Subject:	<b>Flood and Drainage Management Scrutiny Committee Work Programme</b>

**Summary:**

This item enables the Committee to consider and comment on the content of its work programme for the coming year 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 partners.

**Actions Required:**

Members of the Committee are invited to consider and comment on the work programme as set out in Appendix A to this report and highlight any additional scrutiny activity that could be included for consideration in the work programme.

### **1. Background**

The Committee's work programme for the coming year is attached at Appendix A to this report. The Committee is invited to consider and comment on the content of the work programme.

#### Work Programme Definitions

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

Budget Scrutiny - The Committee is scrutinising the previous year's budget, or the current year's budget or proposals for the future year's budget.

Pre-Decision Scrutiny - The Committee is scrutinising a proposal, prior to a decision on the proposal by the Executive, the Executive Councillor or a senior officer.

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**

This report does not require policy proofing.

### **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 Daniel Steel, Scrutiny Officer, who can be contacted on 01522 552102 or by e-mail at [daniel.steel@lincolnshire.gov.uk](mailto:daniel.steel@lincolnshire.gov.uk)

**ENVIRONMENTAL SCRUTINY COMMITTEE &  
FLOOD AND DRAINAGE MANAGEMENT SCRUTINY COMMITTEE**

**Chairman:** Councillor Lewis Strange

**Vice Chairman:** Councillor Victoria Ayling

<b>13 May 2016</b>		
<b>Flood And Drainage Management Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
Environment Agency Update	Deborah Campbell, Flood and Coastal Risk Manager; John Ray, Senior Advisor, Flood & Coastal Risk Management (Environment Agency)	Update Report
Flood re-insurance scheme (Flood Re) Update	Mark Welsh, Flood Risk and Development Manager	Update Report
Investigations held under Section 19 of the Flood and Water Management Act 2010	Mark Welsh, Flood Risk and Development Manager	Update Report

<b>10 June 2016</b>		
<b>Environmental Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
Anglian Water Recycling Centres Update	Paul Dimpleby / Brian Kane Anglian Water	Update Report
District Heating Project Progress Report	Mike Reed, Environment Team Leader	Update Report
Climate Local Action Plan Annual Report	Doug Robinson, Sustainability Team Leader	Update Report
Energy Switch Scheme	Doug Robinson, Sustainability Team Leader	Update Report
SCORE Update	Doug Robinson, Sustainability Team Leader	Update Report
Performance Report, Quarter 4 – (1 January to 31 March 2016)	Jasmine Sodhi Performance and Equalities Manager; Sean Kent, Group Manager Environmental Services	Performance Scrutiny

<b>29 July 2016</b>		
<b>Environmental Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
<b>OFFSITE VISIT</b> CaNeBuZo – Carbon Neutral Business Zone Stafford Proctor, Wash Frontagers' Group (WFG) Tydd Pumping Station		

<b>02 September 2016</b> <b>Environmental Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
Performance Report, Quarter 1 (1 April to 30 June 2016)	Sean Kent, Group Manager Environmental Services	Performance Scrutiny
Carbon Management Plan Annual Report	Douglas Robinson, Sustainability Team Leader	Update Report

<b>23 September 2016</b> <b>Flood And Drainage Management Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
Environment Agency Update	Deborah Campbell, Flood and Coastal Risk Manager; John Ray, Senior Advisor, Flood & Coastal Risk Management (Environment Agency)	Update Report
Property Level Preventative Measures	Mary Dhonau, MDA Specialist Independent Community Flood Consultancy	Status Report
Investigations held under Section 19 of the Flood and Water Management Act 2010	Mark Welsh, Flood Risk and Development Manager	Update Report

<b>14 October 2016</b> <b>Environmental Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>

<b>02 December 2016</b> <b>Environmental Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
Performance Report, Quarter 2 (1 July to 30 September 2016)	Sean Kent, Group Manager Environmental Services	Performance Scrutiny

<b>09 December 2016</b> <b>Flood And Drainage Management Scrutiny Committee</b>		
<b>Item</b>	<b>Contributor</b>	<b>Purpose</b>
Environment Agency Update	Deborah Campbell, Flood and Coastal Risk Manager; John Ray, Senior Advisor, Flood & Coastal Risk Management (Environment Agency)	Update Report
Insurance Industry Update	Seth Williams, Head of Public Affairs, Association of British Insurers	Status Report
Investigations held under Section	Mark Welsh, Flood Risk and	Update Report

09 December 2016		
Flood And Drainage Management Scrutiny Committee		
Item	Contributor	Purpose
19 of the Flood and Water Management Act 2010	Development Manager	

**To be scheduled –**

*Environmental Scrutiny Committee*

- Proposal to Declare Acre Gap as a Local Nature Reserve (LNR)
- Recycling Targets Update & Food Waste Recycling
- Anaerobic Digestion Plant Planning Process Update

*Flood and Drainage Management Scrutiny Committee*

- Fens Waterways Link
- Disaster Management Update, Emergency Planning

**For more information about the work of the Environmental Scrutiny Committee please contact Daniel Steel, Scrutiny Officer on 01522 552102 or by e-mail at [daniel.steel@lincolnshire.gov.uk](mailto:daniel.steel@lincolnshire.gov.uk)**