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21 August 2020

In accordance with the powers granted by the Local Authorities and Police and Crime Panels (Coronavirus) (Flexibility of Local Authority and Police and Crime Panel Meetings) (England and Wales) Regulations 2020 this will be a virtual meeting.

Flood and Water Management Scrutiny Committee

A meeting of the Flood and Water Management Scrutiny Committee will be held on **Tuesday**, **1 September 2020 at 10.00 am as a Virtual – Online Meeting via Microsoft Teams** for the transaction of the business set out on the attached Agenda.

Access to the meeting is as follows:

Members of the Flood and Water Management Scrutiny Committee and officers of the County Council supporting the meeting will access the meeting via Microsoft Teams.

Members of the public and the press may access the meeting via the following link: https://lincolnshire.moderngov.co.uk/ieListDocuments.aspx?Cld=581&Mld=5528&Ver=4 where a live feed will be made available on the day of the meeting.

Yours sincerely

Debbie Barnes OBE Chief Executive

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

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

Other Voting Members

District Councillors R Austin BEM (Boston Borough Council), P Vaughan (City of Lincoln Council), Mrs F M Martin MBE (East Lindsey District Council), Mrs L Hagues (North Kesteven District Council), M D Seymour (South Holland District Council), I G Fleetwood (West Lindsey District Council) and 1 Vacancy

FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE AGENDA TUESDAY, 1 SEPTEMBER 2020

Item	Title	Pages
1	Apologies for Absence/Replacement Members	
2	Declarations of Members' Interests	
3	Minutes of the previous meeting held on 24 February 2020	5 - 16
4	Announcements by the Chairman, Executive Councillors and Lead Officers	
5	Highways Gully Cleansing, Repair and Surface Water Flooding Update (To receive a report by Richard Fenwick, County Highways Manager, which sets out the reactive, cyclic and planned aspects of highways drainage maintenance including low-level flooding response)	
6	Anglian Water Presentation (Representatives of Anglian Water will provide a presentation on the key activities of Anglian Water in Lincolnshire)	
7	Environment Agency Update (To receive a report by Morgan Wray, Environment Agency, which updates the Committee on Environment Agency activities primarily in relation to Covid-19 with particular reference to ongoing delivery of capital programme and recovery)	
8	To report progress on the investigations made in the County under Section 19 of the Flood and Water Management Act 2010 (FWMA) (To receive a report by Paul Brookes, Flood Risk Manager, which informs the Committee of the position of all current Section 19 flood investigations in the County)	
9	2020+ Steeping Catchment Action Plan Update (To receive a report by David Hickman, Head of Environment, which provides the Committee with an update on progress against recommendations made in the final report of the investigation into the flooding at Wainfleet in June 2019 which was presented to the Committee in February 2020)	
10	Flood and Water Management Scrutiny Committee Work Programme (To receive a report by Daniel Steel, Scrutiny Officer, which enables the Committee to consider and comment on the content of its work programme to ensure that scrutiny activity is focused where it can be of the greatest benefit)	:

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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.

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



PRESENT: COUNCILLOR P A SKINNER (CHAIRMAN)

Councillors C Matthews (Vice-Chairman), W J Aron, T R Ashton, Mrs A M Austin, M Brookes, A G Hagues, Mrs C J Lawton, C R Oxby, C E Reid and R A Renshaw

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

External Agencies – Robert Caudwell (Chairman, Steeping River Catchment Steering Group), Jonathan Glerum (Anglian Water), Simon Love (Anglian Water), Andrew McGill (Lindsey Marsh Drainage Board), Peter Riley (Environment Agency), David Sisson (Lindsey Marsh Internal Drainage Board) and Morgan Wray (Environment Agency)

Councillors Mrs W Bowkett, C J Davie, D McNally and E J Poll, attended the meeting as observers.

Officers in attendance:-

Paul Brookes (Flood Risk Manager), David Hickman (Head of Environment), Daniel Steel (Scrutiny Officer) and Rachel Wilson (Democratic Services Officer)

28 APOLOGIES FOR ABSENCE/REPLACEMENT MEMBERS

Apologies for absence were received from Councillor Mrs F Martin MBE (East Lindsey District Council).

It was noted that Councillor C Leyland was in attendance to represent East Lindsey District Council, however it was clarified that he was not a replacement member and therefore did not have voting rights, as he was an Executive Councillor.

29 DECLARATIONS OF MEMBERS' INTERESTS

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

30 MINUTES OF THE PREVIOUS MEETING HELD ON 25 NOVEMBER 2019

RESOLVED

That the minutes of the previous meeting be signed by the Chairman as a correct record.

31 <u>ANNOUNCEMENTS BY THE CHAIRMAN, EXECUTIVE COUNCILLORS AND LEAD OFFICERS</u>

The Chairman advised that following the last meeting, he had written to Peter Simpson, Chief Executive Officer at Anglian Water Group to highlight the concerns of the Committee about the increasing number of incidents of sewage flooding events reported by local communities. To support tackling this issue, he suggested the Committee would welcome an update from Anglian Water at a future meeting to explore the current issues, background and ongoing works being undertaken to minimise sewage flooding events within Lincolnshire.

The Chairman also reported that he had written to Executive Director Andy Gutherson following the last meeting, to emphasise the importance of communicating a clear message to the public and having one clear point of contact in the event of a flooding issue.

The Committee had highlighted concern as members of the public would often find it confusing identifying who was responsible for dealing with specific flooding incidents and the Chairman had sought confirmation that arrangements were in place to minimise the need for members of the public to call multiple agencies. The Chairman confirmed that the Executive Director had replied and advised that the committee would receive a further update on this at a future meeting to review the working arrangements.

The Executive Councillor for Economy and Place wished to record his thanks to Norfolk County Council for the work that was carried out to produce the report into the investigation of the flooding in Wainfleet during June 2019. It was noted that during that time the region had suffered unprecedented rainfall. He reported that it was clear that government would have to have difficult discussions going forward about the management of water. These conversations needed to take place at the highest level of government, as there would be big issues around how houses were built in the future. There were a lot of small farmers who were worried about their livelihoods going forward, and there would be a need to look at how they could be supported as a community.

He advised that there were currently 140 Section 19 investigations underway by the County Council, which was putting pressure on resources.

32 TO REPORT ON THE OUTCOME OF THE INVESTIGATION INTO THE FLOODING AT WAINFLEET IN JUNE 2019 IN ACCORDANCE WITH S.19 FLOOD & WATER MANAGEMENT ACT 2010

Consideration was given to a report on the outcome of the investigation into the flooding at Wainfleet in June 2019 in accordance with S.19 Flood & Water Management Act 2010.

It was reported that following a prolonged period of heavy rainfall in June 2019 there was widespread flooding across Lincolnshire. The eastern side of the county was particularly affected, especially Wainfleet (All Saints), Holbeach, Spalding and Great Steeping. Most notably, a significant number of properties in Wainfleet were flooded from at least two sources, initially surface water compounded by a breach in the embanked Wainfleet Relief Channel.

Over the period 10 – 13 June 2019, around 62 properties were flooded in Wainfleet, Thorpe St. Peter and Thorpe Culvert, with further significant flooding elsewhere in East Lindsey district which fell outside the scope of the scrutiny committee report.

The consequences of the breach at Wainfleet were severe enough to trigger a multiagency response in order that military aid could be called upon. Lincolnshire County Council, as Lead Local Flood Authority, has a duty under S. 19 of the Flood and Water Management Act 2010 to investigate flooding. The events at Wainfleet met the requirements to carry out a flood investigation. Due to the increased pressure on resources as a result of the widespread flooding, Norfolk County Council was approached to carry out the flood investigation on behalf of Lincolnshire County Council. The final report was attached at appendix A to the report.

The Committee was advised that the recommendations in the report were fairly clear and linked well with the works which were being explored on the ground through the Steeping Steering Group.

The Executive Councillor for Economy and Place advised that it was now for the Committee to review the report and recommendations and add anything further that the Committee felt was relevant.

The Chairman of the Steeping River Catchment Steering Group addressed the Committee and advised that he had been asked to Chair the steering group on behalf of the Flood and Water Partnership. The group was looking at the whole catchment from source to sea, including improving the conveyance of water throughout the catchment and the resilience of the flood banks, particularly the relief channel, and ensuring that weed growth did not occur in the channel. There was also a need to ensure that the flows of water coming into the River Steeping were appropriate for the banks. The recommendations from the report would inform the work of the Partnership, for the Steeping Steering Group to implement on their behalf.

Representatives from the Environment Agency, Lindsey Marsh Drainage Board and Anglian Water were all in attendance and confirmed that they were committed to continuing to work with other flood risk partners and authorities.

Councillor Mrs W Bowkett, local member for Wainfleet, was in attendance, and informed the Committee than many of the members of the public attending this meeting had been flooded. The Committee was informed that 60 families had been flooded, and every time it rained, it was causing significant stress to residents. There was concern that the river had been close to flooding again in the day's preceding this meeting, and Councillor Mrs Bowkett had been in constant contact with several agencies during this time.

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

- There was a need for a discussion about how flood defences should be funded in the future. The flooding in Wainfleet had been a serious event, and members wanted to be able to give some assurance to the people of Wainfleet that the risk of this happening again would be minimised. There was a need for the government to look again at flooding issues nationally, as this was not something which should be dealt with on a regional level.
- The representative for West Lindsey District Council commented that he was disappointed with the report and felt that it talked around the topic. The main issue seemed to be who the water 'belonged to' as in times of flood, it appeared that no-one wanted to take responsibility for it. There were 1000 miles of embankment within Lincolnshire that the Environment Agency looked after. It was reported that there had been another breach at Short Ferry, and it was not acceptable to allow water to flow out of the channels and into other areas.
- It was queried when was work was going to commence and how long it would take to complete. Members were advised that it was hoped that work would commence as soon as possible, however there were funding criteria which would need to be met, and a process to follow whilst bidding for funding. It was thought that the work which had been carried out so far gave clear evidence of what should be done. However, it was not certain how long it would take for the work to be completed. The Steering Group was looking for a long term sustainable fix rather than a quick fix.
- The Environment Agency advised that the Steering Group was looking at four main key themes, but it was noted that each would have different timescales.
 - Flow through catchment total outfalls and conveyance through the system. Some work had been done on this but it was not quite complete.
 - Raised defences and resilience it was important to ensure that these assets had regular maintenance carried out. It was expected that there would be a need for additional funding going forward.
 - ➤ Flood water storage and catchment flood management work over the upper catchment area could have a beneficial impact further down the system.
 - ➤ Managing residual flood risk it was not possible to totally eradicate flooding in the future, but it was important that the flood risk was managed going forward. this would include improving the resilience of the community and the flood defences.

- It was commented that the Authority had a responsibility to produce this report as the Lead Local Flood Authority. However, it was very bland and did not provide any information which was not already known. It was suggested whether there was a need for something similar for Lincolnshire to the Government's COBRA committee which would meet when severe weather events were forecasted. There was a need for the emergency committee to have some powers so that resources could be provided where needed.
- It was queried whether there were any quick temporary solutions which could be implemented to give people some relief and assurance that things were being done.
- It was confirmed that the pumping station had been switched off for an hour during this event, and members were advised that this was because the Steeping River and bypass channel were getting very full, and a request was made to switch if off until the water level subsided.
- There was a need for funding from national government, as there was not enough funding within Lincolnshire to do the work which was needed.
- It was noted that the river bank had broken three times in the same place.
- One member wished to draw attention to one of the positives highlighted in the report, which was the existence of the Flood and Water Partnership. This was an example in Lincolnshire of organisations accepting that they had a shared responsibility for water, and it was the responsibility of all agencies to protect people. There were lessons learned after the Louth and Horncastle flooding and this brought the IDB and partner authorities together. Under the Flood and Water Management Act 2010, it fell to Lincolnshire County Council to take the lead, but all agencies came together. The recommendations in the report where welcomed and endorsed.
- One member commented that they had read all the minutes of the Lindsey Marsh Drainage Board, who had identified that there would be issues at some point, and had set a plan to address it, but it was never implemented.
- In terms of the work which would be carried out through the Steering Group on the flows through the catchment area, it was queried when it was likely that there would be an action plan, as that was what residents would be interested in. The report, and any action going forward, was welcomed. Members were advised that it was the intention to have an action plan ready and costed out by the time of the public meeting, which was due to take place on Saturday 4 April 2020.
- It was commented that there was a need to consider that as the North Sea was rising, eventually the river would not be able to discharge into the sea, and that water would need to go somewhere.
- It was highlighted that any work would require funding and it was noted that there would be occasions when this would cost more than the local members of the partnership could afford, and so it was queried whether the partnership was collectively lobbying hard enough for its share of national funding.
- In terms of grant and aid funding, there was money that the Environment Agency received from Defra on behalf of risk management authorities. The Partnership received a certain amount of funding per outcome.
- The Executive Councillor for Economy and Place commented that the report followed a set format and it was acknowledged that it was bland, and was not

as clear as the public would like to see. There was a challenge around funding, as the main issue was that the government had never properly understood the value of Lincolnshire's agricultural land. There was a need to have a conversation with government about this, as the price of food would increase the following year as a result of the floods. There was a national problem around water management.

- There was very good scenario planning in Lincolnshire, and the Partnership had worked well. The Executive Councillor paid tribute to Councillor Mrs Bowkett as the local member, for all her efforts during the flooding as she worked constantly with the emergency services. Tribute was also paid to East Lindsey District Council for their response to the incident, and how they continued to manage the response.
- There was a need to get to a point where places like Wainfleet would not be flooded again.

RESOLVED

- a) That the flood investigation report attached as Appendix A to the report be noted:
- b) That Lincolnshire County Council be endorsed as the Lead Local Flood Authority to lead on the partnership approach in delivering the recommendation as set out in Appendix A to the report;
- c) That the Committee requests to see the action plan by 18 May 2020.
- d) That the Chairman writes to the government on behalf of the Committee regarding funding for flood prevention.
- e) That an update report comes back to the Committee in six months to set out what actions have been taken so far.

The Committee adjourned from 10.55am until 11.18am

33 TO REPORT PROGRESS ON THE INVESTIGATIONS MADE IN THE COUNTY UNDER SECTION 19 OF THE FLOOD & WATER MANAGEMENT ACT 2010 (FWMA)

Consideration was given to a report which informs the Committee of the position of all current S.19 flood investigations in the County. It was reported that the team was working through the 140 flood investigations listed in Appendix A to the report. It was acknowledged that this work was resource intensive and it would take time. It was important to be able to get on site as quickly as possible in order to start gathering evidence.

It was also noted that there had been recognition from the County Council that more needed to be done to address flooding issues, as additional money had been allocated in the budget.

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

- It was highlighted that more people were experiencing water coming into their gardens, garages and outbuildings, but not entering their property. The County Council was encouraged to use the report to ensure that external buildings were included, as there were so many near misses which should be included as a S.19 investigation, but currently did not meet the criteria.
- One member commented that their village suffered from sewage flooding, and it was queried whether these incidents needed to be included as the water was flowing into a fresh water beck.
- It was confirmed that there was an extra £2m of funding into the flood arena, £1m was for S19 investigations, and £1m for joint works.
- It was queried whether the numbers of staff were being increased to accommodate the increased numbers of investigations. Members were advised that the flood investigations were commissioned internally, and the team that they were commissioned through had taken on extra staff, and there was additional capacity through the use of the Professional Services contract.
- It was queried whether there were trained professionals who were available to deal with the increase in the number of investigations. Members were advised that they were sufficiently able to do the work that needed to be done under S.19. There was access to relevant resource through the contract with WSP. However, nationally there was a shortage of trained water engineers.
- It could be seen from the graph included within the report that it had been an exceptional year in terms of the number of flood investigations undertaken.
- A member commented that if it had been their property that had flooded they
 would be frustrated if they had to wait for a reason for the flooding due to a
 lack of resources.
- It was queried whether, for surface water flooding that did not go into a property, there could be a list of these incidents. This was especially important amongst villages.
- It was noted that in Appendix A, the investigations were grouped according to date rather than by location. There had been several incidents in Horncastle, but they were spread throughout the document. It was queried whether it would be better to group them together for easier analysis.
- It was reported that during the recent heavy rain, residents in Horncastle had received flood alerts, despite the alleviation scheme being at 25% capacity and it was queried why these alerts had been sent. Members were advised that a flood alert was the first stage of warning, and was to advise residents to be prepared. A flood warning was issued when it was expected that flooding was likely. The issuing of a severe flood warning meant there was a danger to life and a decision to issue this would be taken in conjunction with partners and the emergency services. It was noted that in the previous weeks, all three of these had been issued. Residents were encouraged to stay signed up for flood alerts, as the flood alleviation scheme did not remove all residual risk.
- It was noted that a list of 'near misses' was kept and was used as a basis for investigations in those areas. It was noted that investigations of near misses could be carried out without the constriants of a formal process.
- It was noted that some of the near misses were caused by surface water runoff from the highway, and there was now a joined up approach to this as the County Council had committed additional money for highways.

- Investigations needed to be done properly and provide actions which could be followed up. This approach was welcomed, and it was also commented that the hard work that the team did in regard to S.19 investigations had been seen and was not celebrated enough.
- The incidents which did not qualify for a S19 investigation included sewage going into outbuildings, but this would only trigger an investigation if the water entered living accommodation. However, this situation often meant that residents were unable to flush their toilets. This was a situation which had been ongoing since the 1980s, but under present legislation this was not considered internal flooding.
- Members were advised that where there were issues with sewage, whether it triggered a S19 investigation or was dealt with elsewhere, it would still be investigated, but was not part of the S19 process. S.19 had been introduced to examine and manage surface water flooding. Issues around sewage should be dealt with by Anglian Water as the water management company.
- The opportunity for Highways officers to speak with the Committee would be welcomed.
- It was highlighted that some of the older reports had an estimated date of completion of 2015 and were still listed as on-going. It was queried whether these could be brought up to date with a more accurate estimated completion date.
- It was noted that there were things that people could do to prevent flooding in their properties. This was a message that needed to be delivered back to the public. There was also a lot that could be done to contain water further upstream.
- It was suggested that at the next meeting, Anglian Water gave a presentation about the work that they had done and also to reflect on the impact of the recent weather.
- There was also the need to consider water as an asset and how it could be moved around.

RESOLVED

- 1. That the comments made in relation to the investigations undertaken in the County under Section 19 of the Flood and Water Management Act 2010 be noted.
- 2. That the Committee receive a report at a future meeting regarding 'near misses' in terms of S19 investigations
- 3. That the Committee receive a presentation from Anglian Water

34 <u>ENVIRONMENT AGENCY UPDATE</u>

Consideration was given to a report from the Environment Agency which updated the Committee on its activities, primarily in relation to the autumn flooding, response and recovery.

Lincolnshire had received 170% of its average rainfall in autumn 2019. During this time, about 1% of the agricultural land in Lincolnshire flooded. The Environment Agency had been working hard on recovery, and was processing more than 160 defects to assets, and 22 sites had been prioritised for completion during 2020. The Committee were updated on the works undertaken at Barlings Eau and Timberland Delph.

In terms of the Boston Barrier, it was reported that the gate was delivered from The Netherlands in the autumn and had been tested with 400 tonnes of water against it.

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

- It was commented that the work at Barlings had so far not been successful
 and it had taken several weeks to get equipment on site. There were 3 4
 pumps on the bank and some of those were not functioning and the electricity
 had also failed for the security cabins.
- Compliments were paid to the way that contractors operated the Haven Bank scheme, and it was queried what progress had been made. Members were advised that the piling work had been completed and the planned embankment work would start in April 2020 as soon as they were dry enough. This would be weather dependant as the banks were saturated. It was anticipated that the works would be completed by the end of the next financial year.

RESOLVED

That the report be noted.

35 <u>DEVELOPING A STRATEGY FOR THE SUSTAINABLE FUTURE OF THE COAST</u>

Consideration was given to a report which outlined the work to establish a partnership approach to securing the future of Lincolnshire's coastal areas. This built on existing public and stakeholder aspirations. It aimed to provide a framework to shape and support delivery of strategic objectives in a way that was most appropriate to the coastal context.

It was highlighted that the report outlined some of the key issues, specifically on the east coast, as the coastal morphology and processes were different from those in the Humber estuary and the Wash. There was a need to consider what the aim was for what east coast would look like in the future. The report outlined some of the elements under consideration.

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

 In relation to the Towns Deal, it was commented that this was a great opportunity and East Lindsey already had a Local Plan in place. The

challenge would be about how best to manage the area. The focus would be on tourism which was very important to the area. There was also a need for partnership working, as it was likely there would be a lot of interest in this.

- It was commented that this was an opportunity for strong partnership working. There would be a need to make a strong case to government on how the economy could grow and demonstrate that the Lincolnshire coast would have an important role in the economy of the country.
- In terms of funding there was a need for a long term plan and it was queried whether local initiatives were needed.
- It was suggested that money could be raised from people that came to enjoy the coast, which could be used to fund initiatives to prevent flooding on the coast. It was suggested that a nominal amount of £1 per adult per week could make a big difference. This was endorsed by other members of the Committee and it was highlighted that there was a need for government to take action which would empower local authorities to create their own solutions.
- It was confirmed that Lincolnshire was involved in the 2021 coastal initiative, which was a national scheme. It was commented that this included the Lincolnshire section of the English coastal path and linked to the North Sea Observatory. It was thought that it would bring a lot more people to the coast.
- The traditional model on the coast had been to build bigger defences, and it was queried what the intentions were for the future. Members were advised that in terms of the Saltfleet to Gibraltar Point strategy, the council had been out to consultation and one of the options was to install rock groynes, an approach which had been approved, however this did not provide any additional funding. The only funding was coming from two beach nourishment campaigns.
- There was a strong business case to continue flood risk management on the coast.
- It was noted that the National Flood Risk Management Strategy should be published soon. It was thought that there would be a focus on the resilience of the community, and how communities could become more resilient and react to flooding incidents.

RESOLVED

That the Committee note the approach outlined and supported officers in the continuing development of the strategy and vision for coastal Lincolnshire.

36 <u>FLOOD AND WATER MANAGEMENT SCRUTINY COMMITTEE WORK</u> PROGRAMME

Consideration was given to a report which provided the Committee with an opportunity to consider and comment on the content of its work programme for the coming year to ensure that scrutiny activity was focused where it could be of the greatest benefit.

During discussion of the work programme, the following items were highlighted for inclusion at future meetings:

- Anglian Water would attend the next meeting in May 2020
- Working with Highways
- A review of the Wainfleet Action plan to come back to the Committee in six months' time
- A report to be presented in relation to the near misses flooding events
- The Environment Agency would bring a report back to a future meeting on the recovery work at Barlings Eau

RESOLVED

That the additional items listed above be included within the Committee's work programme.

The meeting closed at 12.41 pm



Agenda Item 5



Policy and Scrutiny

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

Report to: Flood and Water Management Scrutiny Committee

Date: 01 September 2020

Subject: Highways Gully Cleansing, Repair and Surface Water

Flooding Update

Summary:

This report sets out the reactive, cyclic and planned aspects of highways drainage maintenance including low-level flooding response.

Actions Required:

The Flood and Water Management Scrutiny Committee is asked to consider and comment on the detail contained in the report and recommend any changes or actions.

1. Background

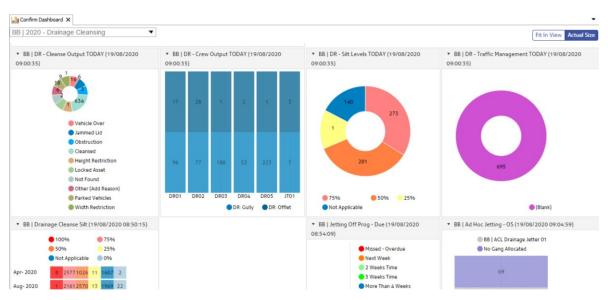
There are 185,000 highway drainage assets including gullies, catchpits and offlets. These are currently all cleaned annually on a cyclic programme, from a budget of £1.1m

The new Highways Term Maintenance Contract with Balfour Beatty embraces the use of technology and data. The 185,000 drainage assets are recorded on an electronic mapping system and the contractor uses a GPS hand held devices on site to locate each asset. This allows for proper management of performance through real-time data, as well as the gathering of information for a more strategic approach.

The contractor records a number of factors for each asset - such as silt levels, broken lids, blockages, access issues, traffic management requirements or changes to location. This data is sent to LCC live from the field onto our digital asset management system so officers can monitor progress and deal with issues found immediately. There is the potential for faults found on the cyclic cleanse such as jammed lids or broken gully pots to automatically generate repair jobs for civils crews. The focus is to complete the full programme with accurate and consistent data to enable a future targeted approach to drainage cleansing.

With the accurate information we are gathering from this year's cyclic cleanse, we will be able to develop a true targeted cleanse, and Balfour Beatty are actively

working with us to facilitate this. A targeted approach could lead to certain areas having multiple cleanses per financial year due to the levels of silt found, but other areas only needing a cleanse every few years as they are almost self-cleaning.



Screen capture of drainage management dashboard in Confirm

In addition to the cyclic cleanse, there is an annual budget of £250,000 for jetting and investigation works for any issues found or reported. This includes off-programme jetting where sites require a more immediate response and cannot wait for the cyclic programme. The £250,000 allows for one drainage tanker to be available for 48 weeks of the year to carry out jetting of blocked gullies, Offlets, manholes, etc. across the County. This year we have recorded around 1% of the assets as having a blocked connection which gives a target of around 8 issues a day to solve which is unrealistic. The same tanker will, subject to availability, carry out full investigation works into blocked pipe issues. If can't be not solved then this becomes a proposed minor scheme or improvement. When we enter periods of wet weather the same resource is involved in clearing localised flooding or ponding issues on the highway. Demand on this resource means that we have traditionally had a backlog of issues to resolve.

Local Highways Teams respond to public enquiries about flooding through Fix My Street or reported to the Customer Service Centre. If flooding is reported as a risk to life/property, or flooding is over half carriageway width, Network Resilience will respond as an emergency. If it is reported as less urgent, a Local Highways Officer will determine if the issue can wait to be resolved on a cyclic cleanse or if earlier intervention off-programme is required.

Since April, Local Highways staff have been more agile, equipped with tablet devices to view public fault reports out in the field as they come in live. This allows them to take photos and attach them to the reports there and then, as well as capture info. Officers are instructed to ascertain whether the issue is severe enough to warrant off-programme cleaning, where they can raise a job for this from site, or if it can wait to be cleansed on the cyclic programme. The decisions they make are communicated through the Fix My Street system (and email notifications) and this system is constantly being improved to give accurate updates.



Photo from tablet device on site where flooding was reported on 17th August and a job was issued on 19th August to carry out jetting, investigation and any required civil works for repairs from gulley to outfall to two gulleys. Note that water had subsided but officer determined there is still an issue.

Balfour Beatty's emergency crews are also equipped with tablet devices, so they are being instructed to capture photos of flooding when they arrive on site as they are often some of the first responders to emergency flooding events. This information can then be shared with the Floods and Water Management team as it may be useful to establish if properties were flooded and aid in section 19 investigations.

One of the roles of Local Highways Managers is to Chair Local Floods Board Meetings to discuss partnership issues with the Environment Agency, Internal Drainage Boards, District Councils and water companies. The Local Highways Managers are also starting to work more closely with the internal drainage boards on enforcement issues such as maintenance of dykes and ditches.

This year, Highways have access to additional funding for Community Maintenance Gangs, which have been set up to respond to a variety of local issues which aren't normally covered by either the reactive or planned budgets. Part of this allocation was for 3 additional drainage crews, subcontracted through Ajet who are a local supplier. When the off-programme jetting that Local Highways Teams can order isn't sufficient to solve a problem, or more detailed investigation is required, these teams are set up with CCTV equipment and tools to carry out minor civils repairs or root cutting etc. We have been focussing the programme of works for these crews on longstanding highways drainage issues which were exposed during the 2019 floods and are not necessarily just down to blocked gullies.

Finally, Highways allocates £300,000 of Capital funding for drainage minor improvements which are beyond the scope of the reactive gangs the Local Highways Teams have access to. These schemes are mainly delivered through the Highways Works Term Contract with Balfour Beatty. These are small scheme scale works that typically include:

- Replacing sections of damaged highway pipes
- Installing additional gullies where ponding occurs
- Increasing the capacity of the drainage system over small lengths

The funding allows for around 30 small drainage schemes a year across the County.

2. Conclusion

The Committee is asked to consider and comment on the detail contained in the report and recommend any changes or actions to the Executive Member for Highways, Transport and IT. They are also asked to consider and comment on the collaborative working across directorates and with partners.

3. Consultation

a) Have Risks and Impact Analysis been carried out?

No

b) Risks and Impact Analysis

N/A

4. Background Papers

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

This report was written by Richard Fenwick, who can be contacted on 01522550452 or richard.fenwick@lincolnshire.gov.uk.

Agenda Item 7



Policy and Scrutiny

Open Report on behalf of Environm	ent Agency
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Report to: Flood and Water Management Scrutiny Committee

Date: 01 September 2020

Subject: Environment Agency Update

Summary:

To update scrutiny committee on Environment Agency activities, primarily in relation to COVID-19 with particular reference to ongoing delivery of capital programme and recovery.

Actions Required:

The Flood and Water Management Scrutiny Committee is asked to consider and comment on the detail contained in the report.

1. COVID-19 Delivery Impact

- 1.1 We are continuing to deliver all of our Flood and Coastal Risk Management projects where it is safe for our teams and delivery partners to do so. We are following the latest guidance from Public Health England regarding safe working on construction sites.
- 1.2 We are also carrying out maintenance, operation and repair of our assets, again where it remains safe to do so.
- 1.3 Our current focus remains on how best to deliver the £100m in year Defra Grant-in-Aid allocation efficiently in terms of governance structures and allocation of existing and new resource. We are working on this in collaboration with our supply chain partners.
- 1.4 We remain ready to respond to flood incidents should the need arise and we continue to support partners as our own operational requirements permit. We continue to support our LRFs (Local Resilience Forum) with Mutual Aid in the form of equipment and some staff time.
- 1.5 Overall, we accept that productivity will be impacted yet progress is and will continue to be made and we will seek to emerge from lockdown as an even better organisation.

2. Recovery Programme Update

- 2.1 All affected main rivers were inspected and asset conditions recorded; with over 5200 assets inspected as a result of the 2019/20 winter flooding.
- 2.2 February 2020 heavy rainfall prompted further asset inspections with an additional 11 assets identified.
- 2.3 Breach repairs at Timberland Delph and Barlings Eau have been completed.
- 2.4 The recovery programme consists of 138 recovery projects with an approximately £50 million approved budget. These include works at Barlings Eau, Timberland Delph and a number of sites in Lincoln.
- 2.5 COVID-19 has slowed mobilisation, however, work is now underway at a number of sites, all following government social distancing rules.



Figure 1: Environment Agency's social distancing signage

- 2.6 All recovery works are delivered in accordance with Government policy and treasury rules and are prioritised according to protecting people and property.
- 2.7 Our work maintaining and refurbishing existing assets is essential to mitigate increased flood risk for people, homes and businesses. We are continuing to work with both our contractors and engineers to prioritise, design and construct permanent repairs. We are working through these as efficiently and as timely as possible.
- 2.8 We are supporting our contractors delivering work on our behalf with clear guidance, carrying out assurance checks and providing public signage on site.
- 2.9 We are continuing to liaise directly with affected landowners and parish councils, keeping them informed of progress on local repairs.

2.10 For further information on the programme, or on specific projects as well as a map of the locations, please contact the Environment Agency's Recovery Team on recovery.lincsandnorthants@environment-agency.gov.uk.

Key Recovery Work Sites Underway

- 2.11 **Black Sluice and Lock, Boston:** Since the decommissioning of Black Sluice Pumping Station, we have updated our operating procedures at the Black Sluice Complex to utilise the lock as a gravity sluice more often during rainfall events. This was successfully put to the test over the winter, with only minor over-topping of tributaries in the South Forty Foot Drain despite some of the highest levels recorded. To ensure the resilience of this asset both for flood risk and navigation, a 2-phase programme of works begun in March this year. This has, through careful planning by our site officers and the contractors, been able to continue without delays whilst applying strict Coronavirus protection measures.
- 2.12 The first phase is complete, with repairs to the hinges on the guillotine gate finished in April and replacement of the straps on the pointing doors completed at the end of June. This work was expected 'wear and tear' due to heavy use of the asset over winter.
- 2.13 The second phase is a larger piece of work jointly being carried out by FCRM, Waterways and MEICA. Refurbishment of the stop logs and a full drain-down of the lock is needed for the Waterways 10 year detailed inspection, and FCRM elements below water will be inspected and repaired (if needed) as well. Again, this is to ensure this essential secondary discharge sluice remains operable during flood events. This is programmed during August.

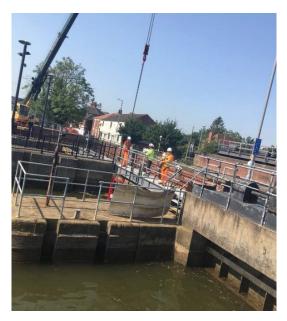


Figure 2: Black Sluice

2.14 **Lincoln Defences Project:** Last year, Lincoln also suffered some damage and isolated flooding from heavy rainfall and high river flows. The Lincoln Defences Project is a series of refurbishment works that will maintain the existing standard of

flood-risk protection for around 4,000 homes and businesses in Lincoln. As part of these refurbishments, locations which did suffer damage last year have been encompassed into the project.

- 2.15 The £6m project began in June 2019 and, subject to reasonable weather conditions, is expected to be completed by the 31st March 2021. More than two kilometres of riverside walls and three sluices will have been renovated, as well as environmental improvements, generating economic benefits valued at almost £33m.
- 2.16 Naturally, despite regular maintenance, defences need repairing and improving every now and then. This investment will ensure they continue to offer the same reliable standard of protection for years to come, while at the same time introducing measures that will enhance the environment for wildlife.



Figure 3: Lincoln Defences Works

3. Boston Barrier

- 3.1 The Boston Barrier scheme once finished will provide better protection to over 14,000 properties against tidal flooding and is deemed a 'National Priority Project' within the Environment Agency's Six Year Programme.
- 3.2 Work continues to progress on the Boston Barrier project, which is classed as a critical infrastructure project by the Government. Construction activities will continue as long as they can comply with Public Health England advice and Site Operating Procedures published by the Construction Leadership Council. The site construction team, Bam Nuttall, have put a number of temporary measures in place to make sure the site is made safe for both workers and the general public during this period.
- 3.3 The Boston Barrier works have recently seen a key milestone realised with The Haven navigation channel re-diverted on the 1 June 2020 to pass through the new Barrier channel.

- 3.4 Further works continue downstream of the Barrier on the Port estate with the installation of steel sheet piles being driven into place and the by-pass channel due to be closed over the coming months. This will facilitate an enhanced level of protection to a number of the 14,000 properties covered by the project before the overall completion of the scheme.
- 3.5 Next steps for the scheme include installing over 2500 tonnes of steel sheet piles for new flood walls along the North Bank, the installation of a replacement flood gate at the Port of Boston wet dock entrance in 2021, and associated works to tie the project into the Haven Banks Improvement Scheme a separate Environment Agency project which will raise and strengthen 5km of existing flood banks running from the Barrier towards the Wash.
- 3.6 If works remain on programme under the current circumstances, the primary Barrier will be fully operational by the end of summer 2020 with the project as a whole complete within the 2021/22 financial year.

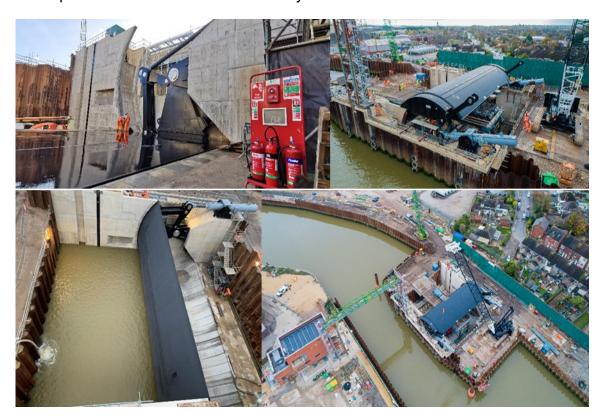


Figure 4: Assorted pictures of Boston Barrier

4. Interim Beach Management Lincolnshire Coast 2018 to 2021 (LBM2018to21)

4.1 This is a beach re-nourishment scheme protecting approximately 20,000 houses, 35,000ha prime agricultural land and 30,000 static caravans as well as major tourism developments between Mablethorpe and Skegness.

- 4.2 Following a significant amount work from our project team and our supply chain, the dredger arrived on site on the 1st June 2020 and works to maintain the beach protection were started.
- 4.3 The works were completed on the 24th July, before the main holiday season. There was a considerable amount of effort required to maintain the working standards required by government in the current environment, which included quarantine of the work force.
- 4.4 During the 6 week programme, more than 400,000 cubic metres of sand was pumped back onto beaches at Ingoldmells, Trunch Lane, Wolla Bank / Chapel Six Marshes, Boygrift, Trusthorpe and Huttoft.
- 4.5 As in previous years, the dredger transported the sand from offshore sites and pumped it onto the beach at high tide through a 630m long pipeline. Our contractors then pushed the sand into the right beach profile, using bulldozers and excavators. Through this work the sand lost to erosion was replaced, reducing wave overtopping during storms and protecting the sea defences from being damaged. For safety reasons, sections of beach were cordoned off from public access during the works.

5. Steeping Catchment

- 5.1 The Steeping River Catchment Action Plan Action 2020+ was released on 21 April 2020 to partners and the community.
- 5.2 The plan was drawn up by the Steering Group chaired by Robert Caudwell, this group feeds into the Lincolnshire Flood Risk and Water Management Partnership (LFRWMP), chaired by Norman Robinson.
- 5.3 COVID-19 restrictions meant we were unable to host a public drop-in event linked to the release, but the plan is available publically on ELDC's website. People are also able to email any questions they may have.

 https://www.e-lindsey.gov.uk/flood2019
- 5.4 The ability of the Steeping Action Steering Group to publicise this plan was compromised by the coronavirus drawing resource to support the Local Resilience Partners. There will be a delay in responding to questions. All media will be dealt with by the Chair of the Steering Group, Robert Caudwell.
- 5.5 This is a live document and any comments on its future direction should be passed onto Robert Caudwell as well.
- 5.6 The current coronavirus crisis continues to affect all aspects of public life. This plan will be no different. Whilst every effort will be made to ensure the timescales provided within this plan will be met, it is inevitable that they will be affected.
- 5.7 Partners are working hard collectively to deliver the actions and are working on a programme of activity for this financial year which includes some targeted dredging works.

- 5.8 There are four Catchment Action Plan Themes; improving the flow through the system, a resilient community and infrastructure, strengthening and maintaining defences and flood water storage. Each of these themes has its own list of actions, as well as a fifth list of additional actions not being taken forward at present, but are still highlighted and recorded.
- 5.9 Also linked to COVID-19, MHCLG have put the funding bid on hold having made the decision to prioritise getting funding to the private sectors. We do not yet have a date where we can expect a further response.

6. Consultation

a) Have Risks and Impact Analysis been carried out?

No

b) Risks and Impact Analysis

N/A

7. 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 on behalf of Morgan Wray, who can be contacted via 020 302 53344 morgan.wray@environment-agency.gov.uk.



Agenda Item 8



Policy and Scrutiny

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

Report to:	Flood and Water Management Scrutiny Committee
Date:	01 September 2020
Subject:	To report progress on the investigations made in the County under Section 19 of the Flood & Water

Summary:

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

Actions Required:

Members of the Flood and Water 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).

Members are asked to view the current S.19 spreadsheets online (also included at Appendix A) and inform Democratic Services in advance if they wish to highlight any particular sites at the forthcoming Scrutiny Committee meeting. https://www.lincolnshire.gov.uk/flood-risk-management/flood-investigations

1. Background

This is a standing item to inform the Committee on the position of all current Section 19 investigations in the County, which are listed in Appendix A. It will be noted that in some cases the investigation is marked as being completed, but the flood incident will remain on Appendix A. This is because there may be outstanding works arising from recommendations in the investigation report which have not yet been completed or programmed by the relevant Risk Management Authority as identified in Appendix A.

The following figures focus on the number of flood investigations started in Quarter 1 (April – June 2020). According to the Environment Agency Water Situation Reports, rainfall for June across the area varied from 99-134% of the long term average, meaning the catchments received normal to above normal rainfall for the time of year. However, due to the relatively dry April and exceptionally dry May, the Quarter 1 total shows notably low to below normal rainfall.

This was reflected in the flood risk, where a total of two flood investigations were started in Quarter 1 2020, both in June.

By way of comparison, due to an exceptionally wet June the same period last year resulted in 46 investigations being started.

Every effort is being made to complete the investigations into the unprecedented number of flooding incidents over the last 12 months, with additional resources being drafted in as required. Although the information published on the County Council web site is updated regularly, as always Members are invited to raise any questions about Appendix A or any other flooding queries with the Flood Risk Manager, whose contact details can be found at the end of this report.

2. Consultation

a) Have Risks and Impact Analysis been carried out?

No

b) Risks and Impact Analysis

N/A

3. Appendices

These are liste	d below and attached at the back of the report							
Appendix A	Record of current flood investigations in the County carried out in							
accordance with S.19 FWMA.								

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 Paul Brookes, County Flood Risk Manager, who can be contacted on (01522) 782070 or paul.brookes@lincolnshire.gov.uk.

Appendix A
Duty to Investigate
Section 19 Investigations

Date of Incident	Town / Locality	Street / Road Name	Description of Flooding	Number Of Properties	nvestigation Status	s Proposed Action/Works	Risk Management Authorities with Responsibilities and whether they are exercising functions	Date LCC Issued Recommendations to RMA's	Date RMA's Acknowledged Proposed Recommendations	Promoter	Works Status	Estimated Timescales Recommendation	Works Completion Date	LCC / District Council Work Status	EA Work Status	IDB Work Status	Water Company Work Status	WOLK	S19 Report File Reference	
28 June 2012	Keelby	Maple Avenue - DN41 8EN Pelham Crescent - DN41 8EW Riby Road - DN41 8ER	Surcharging surface water sewers combined with overland flows causing internal flooding.	4 Residential	Completed	Task 1 - Surface water drainage scheme under consideration. Further LCC investigation and design required. Feasibility 2019/20, Work 2024. Some A18 cut-off remedial work has been identified to have some mitigation ben	LCC - Yes Anglian Water - Yes			LCC AW	On-going	Investigation & Feasibility 2020/21 Possible works 2023/24. Potential Grant In Aid scheme.	Task 1 - TBC	TBC	NA	NA	TBC	NA	S19-032	WLDC & C
9 June 2014	Gainsborough	Caldicott Drive - DN21 1FJ Darwin Street - DN21 1DL EIsham Walk - DN21 1SU Hill Crescent - DN21 1SU Hill Crescent - DN21 1SU Marshalls Yard - DN21 2AU Priory Close - DN21 1UF Rectory Avenue - DN21 2JE Silver Street - DN21 2DP Spring Gardens - DN21 2AV Tower Street - DN21 2JQ Trintly Street - DN21 1JD Longwood Road	The surface water drains and combined sewer systems were unable to cope causing surcharging and the resulting surface water runoff entering properties causing internal flooding. In all around 53 properties were flooded internally.	53 Residential	Completed	Task 1 - LCC has identified at least 5 schemes through feasibility studies and placed them on the national Medium Term Plan. Task 2 - Further feasibility work is required, which is ongoing. It is anticipated that construction could be started in 2024, subject to funding.	LCC - Yes WLDC - Yes Severn Trent Water - Yes			LCC	On-going	Feasibility 2021/22 Construction 2024/25	Task 1 - TBC Task 2 - TBC	TBC	NA	NA	NA	NA	S19-115	WLDC & G
15 June 2016	Cherry Willingham	Ancaster Close - LN3 4JF	Drainage system resulted in internal flooding.	1 Residential	On-going	Awaiting report	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-164	WLDC & C
15 June 2016; 23 August 2017; 15 anuary 2018; 11 June 2019	Cherry Willingham	Lime Grove - LN3 4BD	Surface water flooding is believed to have resulted from inadequacies of two surface water drainage catchments; Lime Grove and Sycamore Close.	1 School	On-going	ТВС	LCC - Yes Witham 3rd IDB - Yes EA - Yes AW - Yes WLDC - Yes	26/07/2019 27/02/2020 28/05/2020 26/06/2020	Witham 3rd IDB - 01/06/2020 26/07/2019 27/02/2020 29/07/2020	твс	On-going		твс	TBC	TBC	ТВС	TBC	твс	S19-201	WLDC & C
10 August 2018	Lincoln	Percy Street - LN2 5ET	Deficiences within the surface water drainage system serving Percy Street, coupled with the topography of the locality resulted in surface water flooding.	1 Residential	On-going	ТВС	LCC - Yes Witham 3rd IDB - Yes EA - Yes AW - Yes City of Lincoln Council - Yes	26/07/2019 27/02/2020 28/05/2020 26/06/2020		TBC	On-going	ТВС	TBC	TBC	твс	TBC	TBC	твс	S19-213	WLDC & Co
10 August 2018	Lincoln	Allenby Close - LN3 4RP	Surface water flooding at Allenby Close was a combination of the following factors: the topography of the estate roads; property threshold levels; kerb heights; and blockages in the surface water drainage system.	1 Residential	Completed	твс	LCC -Yes Witham 3rd IDB - Yes EA - Yes AW - Yes CoLC - Yes	15/08/2019		CoLC LCC Developer	On-going	твс	ТВС	ТВС	NA	Completed	NA	TBC	S19-214	WLDC & Co
11 June 2019	Cherry Willingham	Lime Grove - LN3 4BD	Surface water flooding is believed to have resulted from inadequacies of two surface water drainage catchments; Lime Grove and Sycamore Close.	1 School	On-going	твс	LCC - Yes Witham 3rd IDB - Yes Anglian Water - Yes Environment Agency - Yes West Lindsey District Council - Yes	26/07/2019 27/02/2020 28/05/2020 26/06/2020.	26/07/2019 27/02/2020 29/07/2020	твс	On-going	твс	твс	TBC	TBC	твс	ТВС	TBC	S19-180	WLDC & Co
14 June 2019	Skellingthorpe	Jerusalem - LN6 4RN	TBC	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-232	WLDC & C
14 June 2019	Lincoln	High Street - LN5 7AF	Deficiencies within the surface water drainage system serving the commerical property, resulted in water ponding, which eventually flowed into the property. This is believed to be the most likely cause of flooding.	1 Commercial	On-going	ТВС	LCC - Yes AW - Yes UWIDB - Yes EA - Yes Col.C - Yes	ТВС		TBC	On-going	TBC	твс	TBC	TBC	ТВС	ТВС	TBC	S19-233	WLDC & Co
18 June 2019	Lincoln	Alexandra Terrace - LN1 1JF	TBC	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-244	WLDC & Co
27 July 2019	Lincoln	Welton Gardens - LN2 2AY	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-251	WLDC & Col
27 August 2019	Brookenby	Dale View Road - LN8 6EP	Internal flooding to 2 domestic properties.	4 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-253	WLDC & Co
28 August 2019 06 September 2019	Lincoln	Nettleham Close - LN2 1SJ	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-254	WLDC & Col
June 2019	Waddington	Brant Road - LN5 9AF	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-259	WLDC & Co
27/08/2019 11/02/2020	Lincoln	Sincil Street - LN5 7EJ	Flooding is believed to be a result of numerous factors: a) deficiencies in the surface water drainage system; and b) potential surface payment misalignment, particularly on Norman Street. This results in flood flow paths bypassing gully locations and are not necessarily diverted away from the property.	1 Commercial	On-going	ТВС	LCC - Yes AW - Yes Witham 1st IDB - No relevant functions in area Witham 3rd IDB - No relevant functions in area EA - Yes City of Lincoln Council - Yes	15/04/2020 14/05/2020 08/06/2020 29/06/2020	Witham 3rd /1st IDB - 24/04/2020	TBC	On-going	TBC	твс	ТВС	TBC	TBC	TBC	TBC	S19-266	WLDC & Co
15 October 2019	Lincoln	Manby Street - LN5 8NW	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-275	WLDC & Co
29 October 2019	Cherry Willingham	Waterford Lane - LN3 4AN Fiskerton Road - LN3 4AP	Internal flooding to 6 domestic properties.	6+ TBC	On-going	ТВС	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-287	WLDC & Co
26 October 2019	Blyton	Station Road - DN21 3LE	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-289	WLDC & Co
26 October 2019	Scotter	Lindholme - DN21 3UR	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-290	WLDC & Co
9th August 2019	Bardney	Silver Street - LN3 5XG	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	твс	S19-293	WLDC & Co
11 November 2019 14 November 2019	Cherry Willingham	Fiskerton Road - LN3 4AP	Internal flooding to one domestic property.	1+ TBC	On-going	TBC	ТВС			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	\$19-305	WLDC & Co
08 November 2019	Saxilby	Sykes Lane - LN1 2NS	Internal flooding to one domestic property.	1 Residsential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-306	WLDC & Co
08 November 2019	Lincoln	Sincil Bank - LN5 8LD	Internal flooding to one commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-307	WLDC & Co
08 November 2019	Waddington	Darwin Close - LN5 9GB	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & C
07 November 2019	Blyton	Station Road - DN21 3LE	Internal flooding to one domestic property. Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		
TBC	Scotter	Riverside - DN21 3UG	Internal flooding to one domestic property. Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		
11 November 2019 11 November 2019	Blyton	Station Road - DN21 3LE Lindum Avenue - LN2 5JB	Internal flooding to two domestic properties.	1 Residential 2 Residential	On-going On-going	TBC TBC	TBC TBC			TBC	On-going On-going	TBC	TBC	TBC	TBC	TBC TBC	TBC	TBC TBC	S19-312 S19-313	
11 November 2019	Snitterby	Laughton Road - DN21 4TZ	Internal flooding to one commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & C
08 November 2019	Lincoln	Westbrooke Road - LN6 7TV	Internal flooding to two domestic properties.	2 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	\$19,316	WLDC & C



Duty to Investigate
Section 19 Investigations

Lincolnshire Cour		Investigations - West Lindse	y District Council & City of Lincoln Council - Area	Highways Man	nager Joe Philli	ps (North)														
Date of Incident	Town / Locality	Street / Road Name	Description of Flooding	Number Of Properties	Investigation Status	Proposed Action/Works	Risk Management Authorities with Responsibilities and whether they are exercising functions	Date LCC Issued Recommendations to RMA's	Date RMA's Acknowledged Proposed Recommendations	Promoter	Works Status	Estimated Timescales Recommendation	Works Completion Date	LCC / District Council Work Status	EA Work Status	IDB Work Status	Water Company Work Status	3rd Party Work Status	S19 Report File Reference	New Network Area
08 November 2019	Langworth	Scothern Lane - LN3 5BH	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-317	WLDC & CoLC
08 November 2019	Kexby	Kexby Lane - DN21 5PG	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-318	WLDC & CoLC
08 November 2019	North Kelsey Moor	Owmby Lane - LN7 6HE	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-319	WLDC & CoLC
08 November 2019	Willingham By Stow	The Hop Gardens - DN21 5JT	Internal flooding to one domestic property.	2 Residential TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-320	WLDC & CoLC
08 November 2019	Stainton By Langworth	Scothern Lane - LN3 5BH	Internal flooding to eight-ten domestic properties.	8 - 10 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-322	WLDC & CoLC
08 November 2019	Waddingham	Common Road - DN21 4SY	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-323	WLDC & CoLC
07 November 2019 11 November 2019	Kexby	Kexby Lane - DN21 5PG	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	твс	TBC	TBC	TBC	TBC	TBC	TBC	S19-325	WLDC & CoLC
12 November 2019	Market Rasen	Dear Street - LN8 3BH	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-326	WLDC & CoLC
14 November 2019	Lincoln	St Andrews Drive - LN6 7UG	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-329	WLDC & CoLC
14 November 2019	Lincoln	St Catherines Terrace - LN5 8EA	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-331	WLDC & CoLC
20 November 2019	North Owersby	Moor Road - LN8 3PR	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-334	WLDC & CoLC
14 November 2019	Gainsborough	Caenby Close - DN21 1TR	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-337	WLDC & CoLC
07 December 2019	Scotter	Lindholme - DN21 3UR	Internal flooding to eight domestic properties.	8+ TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-339	WLDC & CoLC
26 November 2019	Scotter	Riverside - DN21 3UG	Internal flooding to four domestic properties.	4+ TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-340	WLDC & CoLC
14 November 2019	Gainsborough	Church Street - DN21 2JR	Internal flooding to one commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-342	WLDC & CoLC
06 December 2019	Market Rasen	Dear Street - LN8 3BH	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	твс	TBC	TBC	S19-348	WLDC & CoLC
27 June 2019	Lincoln	Lindum Terrace - LN2 5RT	Internal flooding to one domestic property.	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-356	WLDC & CoLC
02 August 2019	Gainsborough	Morton Terrace - DN21 2RL	The flooding appears to be caused by rainfall, supplemented by highway surface water, flowing on the footpath and being deflected to the low point which coincides with an off-let and the gate to the property. The water ponded and, as the gully was blocked or otherwise not collecting the surface flow, water flowed towards the property and entered it.	1	On-going	твс	LCC - Yes Seven Trent Water - Yes Scunthorpe & Gainsborough Water Management Board - Yes EA - Yes WLDC - Yes	27/02/2020 28/05/2020		TBC	On-going	TBC	TBC	твс	TBC	TBC	TBC	TBC	S19-361	WLDC & CoLC
11 February 2020	Bardney	Silver Street - LN3 5XG	Internal flooding to one property.	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-363	WLDC & CoLC
09 February 2020	Lincoln	High Street - LN5 7DR	Internal flooding to two properties.	2 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-365	WLDC & CoLC
09 February 2020	Lincoln	Percy Street - LN2 5ET	Internal flooding to one residential property	1 Residential	On-going	TBC	TBC			TBC	on-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-367	WLDC & CoLC
Nov-19	North Kelsey Moor	Caistor Road - LN7 6HF	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-379	WLDC & CoLC
Nov-19	Gainsborough	Ermine Street - DN21 4UB	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-380	WLDC & CoLC
Nov-19	Blyton	High Street - DN21 3LA High Street - DN21 3LA Station Road - DN21 3LE Station Road	Internal flooding to potentially 3+ properties	TBC	On-going	ТВС	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-381	WLDC & CoLC
Nov-19	Market Rasen	Dear Street - LN8 3BH	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-382	WLDC & CoLC
Nov-19	Langworth	Scothern Lane - LN3 5BH	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-383	WLDC & CoLC
Nov-19	Scotter	Messingham Road - DN21 3UQ Messingham Road - DN21 3UQ Messingham Road - DN21 3UQ Riverside - DN21 3UG Riverside - DN21 3UG Lindholme - DN21 3UR	Internal flooding to six properties	6 Residential	On-going	твс	ТВС			TBC	On-going	ТВС	TBC	TBC	TBC	TBC	TBC	TBC	S19-384	WLDC & CoLC
Nov-19	Market Rasen	Willingham Road - LN8 3RE Willingham Road - LN8 3RE	Internal flooding to two properties.	2 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-385	WLDC & CoLC
Nov-19	Dunholme	Honeyholes Lane - LN2 3SU	Internal flooding to one property.	1 Residential	On-going	TBC	твс			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-386	WLDC & CoLC
Nov-19	Cherry Willingham	Waterford Lane - LN3 4AN	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-387	WLDC & CoLC
Nov-19	Stow	Ingham Road - LN1 2DG	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-388	WLDC & CoLC
Nov-19	Scothern	Sudbrooke Road - LN2 2UZ	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	твс	TBC	TBC	S19-389	WLDC & CoLC
Nov-19	Saxilby	Mays Lane - LN1 2QE	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-390	WLDC & CoLC
Nov-19	North Kelsey	Carr Road - LN7 6LG	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-391	WLDC & CoLC
Nov-19	Nettleton	Normanby Road - LN7 6TA	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19	Stainfield	Main Road - LN8 5JJ	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19	Market Rasen	A631 Bishopsbridge to A1103 - LN8 3LY	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC			WLDC & CoLC
Nov-19	Market Rasen	Bishopbridge	Internal flooding to one property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19	Market Rasen	Bishop Norton Road	Internal flooding to one property.	1 Residential	On-going On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-395	WLDC & CoLC
Nov-19		Redbourne Road		1 Residential		TBC	TBC			TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
	Waddingham		Internal flooding to one property.		On-going						On-going On going									
Nov-19 Nov-19	Waddingham Sturton By Stow	Stainton Avenue Queensway - LN1 2AD Queensway - LN1 2AD Marton Road - LN1 2AH	Internal flooding to one property. Internal flooding to three properties.	1 Residential 3 Residential	On-going On-going	TBC	TBC TBC			TBC	On-going On-going	TBC TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-399 S19-400	WLDC & CoLC
Nov-19	Kexby	Kexby Lane - DN21 5PG	Internal flooding to three properties.	3 Residential TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-401	WLDC & CoLC
Nov-19	Snitterby	Snitterby Carr Lane - DN21 4UU	Internal flooding to one property.	1 residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19	Nettleton	Southwell Close - LN7 6NW	Internal flooding to one property.	1 residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19	Cherry Willingham	Fiskerton Road - LN3 4AP	Internal flooding to one property.	1 residential		TBC	TBC			TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19	Dunholme	Scothern Lane - LN2 3QP	Internal flooding to one property.	1 residential	On-going On-going	TBC	TBC			TBC	On-going On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC		WLDC & CoLC
Nov-19 Nov-19					On-going		TBC				On-going On-going		TBC							
	Lincoln	Southdown - LN5 9UW	Internal flooding to seven properties	7 Residential	On-going	TBC TBC	TBC			TBC	On-going On going	TBC		TBC	TBC	TBC	TBC	TBC	S19-406	WLDC & CoLC
10 November 2019 11/06/2020	Spridlington	Faldingworth Road - LN8 2DF	Internal flooding to one property.	1 residential	On-going						On-going	TBC	TBC		TBC	TBC	TBC	TBC	319-407	WLDC & CoLC
25/07/2020	Lincoln	Sincil Street - LN5 7EJ	ТВС	TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-413	WLDC & CoLC
16 August 2020	Lincoln	Sincil Street - LN5 7EJ	TBC	TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-414	WLDC & CoLC



Appendix A

Duty to Investigate

Section 19 Inves Lincolnshire Cou		Investigations - East Lindsey	y District Council - Area Highways Manager Russell Crockford (East)																
Date of Incident	Town / Locality	Street / Road Name	Description of Flooding	Number Of Properties	Investigation Status	Proposed Action/Works	Risk Management Authorities with Responsibilities and whether they are exercising functions	Date LCC Issued Recommendations to RMA's	Date RMA's Acknowledged Proposed Recommendations	Promoter	Works Status	Estimated Timescales Recommendation	Works Completion Date	LCC / District Council Work Status	EA Work Status	IDB Work Status	Water Company Work Status	3rd Party Work Status	S19 Report File Reference	New Network Area
28 June 2012	Horncastle	South Street - LN9 6EF Bull Ring - LN9 5HU	Heavy rainfall (estimated to be a 1 in 40 year event) caused overland and highway surface water flows to collect at the low area of the Bull Fixing and South Street overwhelming the Anglian Water sewer systems, which were also suffering from surcharged outfalls due to high river levels. Consequently resulting in three properties experiencing internal flooding.	3 Residential	Completed	Task 1 - LCC is to check and repair their guillies and system. Task 2 - Anglian Water is to check their surface water systems and consider improvement works in future asset management plans. Task 3 - LCC has surfmitted a bid for an overall surface water study, if approved works to be programmed 2015/11/7. Task 4 - LCC is to include a surface water in the future works in the future works in the future works programme.	Anglian Water - Yes LCC - Yes			LCC	On-going	2018/19	Task 1 - 01/09/2017 Task 2 - TBC Task 3 - 28 July 2017 Task 4 - TBC	ТВС	NA	NA	TBC	NA NA	\$19-003	ELDC
28 June 2012	Horncastle	Langton Hill - LN9 5AH	Heavy rainfall (estimated to be a 1 in 40 year event) caused significant overland flows from the adjacent hillside and agricultural land, which was not contained by the interceptor ditch. Combined overland and highway surface water overwhelmed both the highway and surface water sever drainage systems on Langton Hill and West Street, and caused flooding at the bottom of the hill.	3 Residential	Completed	Task 1 - Highway drainage system repaired and functioning. Task 2 - Anglian Water checked the surface water system and it is working acceptably. Initial works delivered. Task 3 - Consideration should be given to an overall surface water study for Homicastle. Task 4 - Witham 3rd Internal Drainage Board is ensuring that ditches are cleared by respective ripartan land owners.	LCC - Yes Anglian Water - Yes Witham 3rd IDB - Yes			LCC	On-going Control of the Control of t	2019/20	Task 1 - 05/07/2012 Task 2 - TBC Task 3 - 28 July 2017 Task 4 - TBC	Completed	NA	TBC	TBC	NA	S19-004	ELDC
28 June 2012	New Bolingbroke	Main Road - LN9 6JE Station Row - PE22 7LB	Heavy 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. Consequently resulting in seven properties experiencing interal flooding.	7 Residential	Completed	Task 1 - LCC removed dropped kerbs outside the post office and replaced them with full height kerbs. Task 2 - LCC investigation found the drainage system to be damaged by buildings/frees and a new outfall is required. Solution being designed and costed.	LCC - Yes			LCC	On-going	2014 - 2016	Task 1 - TBC Task 2 - TBC	TBC	NA	NA	NA	NA	S19-007	ELDC
28 June 2012	Toynton St Peter	Ings Lane - PE23 5AU	Overland flows surcharged a number of riparian watercourses in the area resulting in internal flooding to a low lying property in Ings Lane.	1 Residential	Completed	Task 1 - LCC have completed a feasibility report. An outline business case for FDGIA is being prepared for delivery of a scheme after 2021.	Witham 4th IDB - Yes LCC - Yes			LCC	On-going	Possible works 2021/22	Task 1 - TBC	TBC	NA	NA	NA	NA	S19-010	ELDC
9 June 2014	Skegness	North Parade - PE25 2TE	Surface water entered caused internal flooding to the property.	1 Commercial	Completed	Task 1 - After further investigations carried out by AW additional works are planned, including running of a new model.	LCC - Yes Anglian Water - Yes			AW	On-going	1 March 2020	Task 1 - TBC	NA	NA	NA	TBC	NA	S19-101	ELDC
24 June 2014	Skegness	Sunningdale Close - PE25 1BA	surface water on the carriageway caused internal flooding.	2 Residential	Completed	Task 1 - Further investigations to be carried out by AW and IDB to establish outfall. Task 2 - Anglian water removed gas service pipes intruding in the surface water system in 2015.	LCC - Yes			AW LMIDB	On-going	Spring 2015	Task 1 - TBC Task 2 - TBC	NA	NA	TBC	TBC	NA	S19-098	ELDC
24 June 2014	Skegness	Sunningdale Drive - PE25 1AU	Surface water on the carriageway caused internal flooding, whilst the owners were away on holiday. The property also flooded on 13 July 2014.	1 Residential	Completed	Task 1 - Further investigations to be carried out by AW, LMIDB, LCC and ELDC.	LCC - Yes			AW LCC	On-going	Spring 2015	Task 1 - TBC	TBC	NA	TBC	TBC	NA	S19-099	ELDC
24 June 2014	Skegness	Grand Parade - PE25 2UG	Surface water on the carriageway caused internal flooding of a property.	1 Residential	Completed	Task 1 - Further investigations to be carried out by AW & ELDC. Task 2 - AW to check new model.	LCC - Yes			LMIDB AW	On-going	Spring 2015	Task 1 - TBC Task 2 - TBC	NA	NA	TBC	TBC	NA NA	\$19-100	ELDC
27 August 2016 27 August 2016	Chapel St Leonards Chapel St Leonards	The Esplanade - PE24 5TB St Leonards Drive - PE24 5UZ	LPP used to remove large amount of water. Main pump used.	2 Commercial 1 Commercial	On-going	TBC	TBC			TBC TBC	On-going On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-195 S19-196	ELDC ELDC
27 August 2010	Chapei St Leonards	St Leuriaids Dilve - FE24 302	waiii punip useu.	i Commercial	On-going	TBC	LCC - Yes			TBC	On-going	TBC	TBC	TBC	TBC	TBC	IBC	IBC	319-190	ELDC
01 April 2018 02 April 2018 10 April 2018	Louth	Grimsby Road - LN11 0ED	Runoff from adjacent agricultural land resulted in the surcharging of the combined sewerage system, which ultimately resulted in internal property flooding due to surface water.	3 Residential	On-going	TBC	AW - Yes Lindsey Marsh IDB - Yes EA - Yes ELDC - Yes	18/06/2020 29/06/2020	ELDC - 19/06/2020 EA - 01/07/2020	TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-199	ELDC
02/06/2018 27th July 2018 (Witham Road)	Woodhall Spa	Witham Road - LN10 6RA Tor-O-Moor Road - LN10 6TD	Heavy rainfall coupled with deficiencies within the existing drainage system resulted in internal property flooding at Witham Road. Flooding occurred on Tor-O-Moor Road due to deficiencies within the surface water drainage system.	3 Residential	On-going	твс	LCC - Yes Witham 3rd IDB - Yes EA - Yes AW - Yes	15/08/2019	TBC	TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-203	ELDC
02/06/2018 11/06/2019 27/08/2019	Burgh on Bain	Main Road - LN8 6JY	Deficiencies within the highway surface water drainage system coupled with the road / footpath / access alignment enabled and directed surface water flows resulting in internal property flooding.	1 Residential	On-going	Task 1 - Upon the request of ELDC, Ajet attended site and cleaned all the road guillies and jetted all outlets. Ajet also advised of issues with the pipework, which was passed on to LCC Highways.	ELDC - Yes LCC - Yes Witham Third IDB - Yes ELDC - Yes	18/06/2020 29/06/2020	19/06/2020 (ELDC) 01/07/2020 (Witham 3rd IDB)	TBC	On-going	TBC	Task 1 - TBC	ELDC - Completed	NA	TBC	NA	TBC	S19-204	ELDC
12 March 2018	Partney	Chapel Lane - PE23 4PY	The surface water flooding experienced in Chapel Lane was a result of the poor condition of the carriageway on Chapel Lane and inadequacies in the carriageways surface water drainage system.	1 Residential	Complete	TBC	LCC Highways - Yes LMDB - Yes EA - Yes AW - Yes ELDC - Yes	30/04/2019 26/06/2020	AW - 03/05/2019 EA - 01/05/2019 ELDC - 29/06/2020 LMIDB - 03/07/2020 LCC - 29/07/2020	TBC	On-going	TBC	TBC	ТВС	TBC	TBC	TBC	TBC	\$19-206	ELDC
27 July 2018	Skegness	Sunningdale Drive - PE25 1AU	Deficencies within the surface water drainage system serving Sunningdale Drive is likely to be the causation of the property flooding experienced.	6 Residential	On-going	твс	LCC - Yes AW - Yes Lindsey Marsh IDB - Yes EA - Yes ELDC - Yes	26/02/2020 28/05/2020 26/06/2020	10/03/2020 (except AW)	твс	On-going	твс	ТВС	ТВС	твс	TBC	ТВС	TBC	\$19-210	ELDC
27 July 2018	Horncastle	Churchill Avenue - LN9 6EP	Deficiencies within the drainage system serving Churchill Avenue, coupled with local topography resulted in surface runoff flowing downhill towards the affected properties, subsequently resulting in internal flooding.	2 Residential	On-going	TBC	LCC - Yes Witham 3rd IDB - Yes ELDC - Yes AW - Yes EA - Yes			TBC	On-going	твс	TBC	TBC	TBC	TBC	TBC	TBC	\$19-211	ELDC
27 July 2018	Skegness	Roman Bank - PE25 1RN	Surface water entered the public sewer system following moderate rainfall which resulted in the sewers surcharging leading to internal flooding.	1 Residential	On-going	TBC	LCC - Yes AW - Yes Lindsey Marsh IDB - Yes EA - Yes ELDC - Yes	27/02/2020 28/05/2020 26/06/2020	Lindsey Marsh IDB - 01/06/2020 ELDC - 29/06/2020 EA - 02/07/2020	TBC	On-going	твс	TBC	TBC	TBC	TBC	TBC	TBC	\$19-212	ELDC
27 July 2018	Horncastle	West Street - LN9 5AF	Deficiencies in the surface water drainage system resulted in surface water flooding.	1 Residential	On-going	TBC	LCC - Yes AW - Yes Witham 3rd IDB - Yes EA - Yes ELDC - Yes	16/08/2019		TBC	On-going	TBC	TBC	TBC	TBC	Completed	TBC	TBC	\$19-220	ELDC
16 August2018 23 August 2018 27 October 2018	Ingoidmells	Sea Lane - PE25 1PQ	There is evidence to suggest that surface water may have caused flooding as a result of inadequacies in the the current surface water drainage arrangement.	8 Commercial	Completed	TBC	LCC - Yes AW - Yes Lindsey Marsh IDB - Yes EA - Yes ELDC - Yes	26/02/2020 28/05/2020 26/06/2020	10/03/2020 (except AW)	TBC	On-going	TBC	TBC	ТВС	TBC	TBC	TBC	TBC	\$19-221	ELDC



	Section 19 Investigations																			
Lincolnshire Cou	inty Council Section 19	Investigations - East Lindsey	y District Council - Area Highways Manager Russell Crockford (East)																
Date of Incident	Town / Locality	Street / Road Name	Description of Flooding	Number Of Properties	Investigation Status	Proposed Action/Works	Risk Management Authorities with Responsibilities and whether they are exercising functions	Date LCC Issued Recommendations to RMA's	Date RMA's Acknowledged Proposed Recommendations	Promoter	Works Status	Estimated Timescales Recommendation	Works Completion Date	LCC / District Council Work Status	EA Work Status	IDB Work Status	Water Company Work Status		S19 Report File Reference	New Network Area
07 December 2018	Wainfleet	St Johns Street - PE24 4DJ	A highway gully resulted in localised flooding to the adjacent property. The gully in question was poorly maintained, sat within a low spot and served a large imperceable area of highway and roofwater, subsequently, resulting in water ponding and eventual internal property flooding.	1 Residential	On-going	твс	LCC - Yes Lindsey Marsh IDB - Yes ELDC - Yes AW - Yes	26/02/2020 28/05/2020 26/06/2020	LMIDB - 26/02/2020 ELDC - 29/06/2020 LCC - 29/07/2020 AW - 29/07/2020	TBC	On-going	ТВС	твс	твс	TBC	TBC	TBC	твс	\$19-222	ELDC
11 June 2019	Skegness	Royal Oak Terrace - PE25 1RN	TBC	3 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-155	ELDC
11 June 2019	Chapel St Leonards	Trunch Lane - PE24 5TU	TBC	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-166	ELDC
11 June 2019	Utterby	Main Road - LN11 0TP	TBC	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC		S19-224	ELDC
11 June 2019	Thimbleby	Main Road - LN9 5RE	150	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-225	ELDC
11 June 2019	Horncastle	Station Yard - LN9 5AG	Internal flooding is believed to have been caused by rainwater ingress from the roof alongside the surcharing of the private drainage system seving the site due to it being unable to outfall into the River Bain. External flooding at the site also occurred due to the surcharing of Anglian Water foul drainage system, believed to have been caused by rainwater ingress.	1 Commercial	On-going	ТВС	LCC - Yes AW - Yes Witham 3rd District IDB - Yes EA - Unclear East Lindsey District Council - Unclear	16/04/2020 14/05/2020 08/06/2020		TBC	On-going	твс	TBC	TBC	TBC	TBC	TBC	TBC	S19-227	ELDC
12 June 2019 12 June 2019	Holbeach Partney	Battlefields Lane South - PE12 7PQ Spilsby Road - PE23 4PE	TBC	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-228 S19-229	ELDC ELDC
14 June 2019	Alvingham	Lock Road - LN11 7EU	TBC	1 TBC	On-going On-going	TBC	TBC			TBC	On-going On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-235	ELDC
14 June 2019	Goulceby	Butt Lane - LN11 9UP	TBC	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-236	ELDC
14 June 2019 14 June 2019	Burgh Le Marsh Great Steeping	Storeys Lane - PE24 5LR Firsby Road - PE23 5PT	TBC	2+ TBC	On-going On-going	TBC	TBC			TBC	On-going On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-237 S19-240	ELDC ELDC
11 June 2019	Kirkby on Bain	Roughton Road - LN10 6YT Main Street - LN10 6YT	Flooding of the five properties was a result of the following factors: surface runoff from developments & highways; overtopping of the river bain; and a combition of these two factors.	5	On-going	TBC	LCC = Yes EA = Yes ELDC = Yes	27/02/2020 14/05/2020 08/06/2020		твс	On-going	TBC	твс	твс	TBC	TBC	TBC	TBC	S19-245	ELDC
11 June 2019	Burgh on Bain	Main Road - LN8 6JY	Deficiencies within the highway surface water drainage system coupled with the road / footpath / access alignment enabled and directed surface water flows resulting in	1 Residential	On-going	Task 1 - Upon the request of ELDC, Ajet attended site and cleaned all the road guillies and jetted all outlets. Ajet also	Witham 3rd IDB = Yes LCC - Yes Witham Third IDB - Yes	29/06/2020 18/06/2020	19/06/2020 (ELDC)	TBC	On-going	TBC	Task 1 - TBC	ELDC - Complete	. NA	TBC	NA NA	TBC	S19-246	ELDC
11 July 2019	Horncastle	Stanhope Road - LN9 5DG	internal property flooding. Internal flooding to 2 properties.	1 Residential	On-going	advised of issues with the pipework, which was passed on to LCC Highways. TBC	ELDC - Yes TBC	29/06/2020	01/07/2020 (Witham 3rd IDB)	TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-247	ELDC
11 July 2019	norncasue	· ·	internal nooding to 2 properties.	1 Commercial	On-going	Task 1 - LCC, EA, Partner organisations & IDB's to be a partner in the	IBC			TBC	Off-going	TBC	TBC	TBC	TBC	IBC	IBC	IBC	319-247	ELDC
11 June 2019	Wainfleet All Saints	Mait Pitts Lane - PE24 4LY Brewster Lane - PE24 4LS Spilaty Road - PE2 MS Hownside - PE24 AET Crows Bridge - PE24 AET Crows Bridge - PE24 AET Crows Bridge - PE24 AET Collon Grade - PE24 4LZ Wanfeet Bank - PE24 4HB Hastings Drive - PE24 4HB Low Road - PE24 AHA Con Lane - PE24 AFF Low Road - PE24 AFF To Lane - PE23 AFF Colvett Road - PE24 AFF To Lane - PE23 SPF Company Samby Lane - PE23 SPF MIL Lane - PE23 SPF Grad Steeping -	Flooding in this instance occurred from two sources. The main source of flooding was the overtopping of main rivers (The River Steeping) and ordinary watercourses. The second source of floodingness surface water, which resulted in the surcharging of surface and foul water systems. The full report can be found on Lincofnshire County Council's website using the search terms "Wainfleet Flood". Or use the following link - https://www.lincofnshire.gov.uk/downloads/file/3483/wainfleet-flood-investigation-report	88	Complete	Steeping Catchiment Working Group, contributing to the development of the x84 2 - LOE to seek trough state. The Pleaning & Baissess Continuity and support local communities to develop focol plans to become more re- silient to flooding: Task 3 - LOE to develop and implement feasible and value for money flood. Task 4 - EA to utilise the alrest seek as output drough the Creating Asset Management Capacity (CAMC) to larget the most appropriate work to 1245 5 - EA to write the latest asset data outputed through the Creating Asset Management Capacity (CAMC) to larget the most appropriate work to 1246 5 - EA to write the flooding region plans and Commission to plans flood risk management in each region, gain consent for Environment Apacity investment programmes and to protect a link between the Environment Agency, LLFA and local communities. Task 7 - Landowness to continue support the existing engagement through the Steeping Catchement Working Comp, and conflicts to lake with the Task 8 - Pather organisation to write with outputudes and community groups to trake awareness of repartin rights and responsibilities, what options there might be for properly flood resilience. & what opportunities there might be to late abstrating of such cipitals.	LCC - Yes EA - Yes Witham Fourth IDB - Yes Black Stulce IDB - Yes Lindsey Marsh IDB - Yes AW - Yes	24/02/2020	10/03/2020 (except AW)	TBC	On-going	твс	Task 1 - TBC Task 2 - TBC Task 3 - TBC Task 4 - TBC Task 5 - TBC Task 6 - TBC	ТВС	TBC	твс	TBC	TBC	S19-248	ELDC
11 June 2019	Horncastle	Stanhope Road - LN9 5DG	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-250	ELDC
25 September 2019	Hainton	Louth Road - LN8 6LX	Heavy rain, as a result of highways runoff redirected down the driveway, causing ponding to the front of the property and resulting in water ingress.	2	On-going	TBC	LCC - Yes Witham 3rd IDB - Yes	17/07/2020	Witham 3rd IDB - 17/07/2020	TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-255	ELDC
27 September 2019	Burgh Le Marsh	Church Street - PE24 5LB	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-264	ELDC
June/July 2019 TBC	Croft Bank	Croft Bank - PE24 4RJ	Internal flooding to basement in a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-267	ELDC
08 October 2019	Chapel St Leonards	St Leonards Drive - PE24 5RF	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-269	ELDC
October 2019 27 August 2016	Ingoldmells	Anchor Lane - PE25 1LX	Surface water flooding is believed to have resulted from several consecutive small magnitude rainfall events coupled with restricted discharge to the surface water drainage system caused by partial blockage of the highway guilles on Anchor Lane and those of the private drainage system of the property and adjacent car park. This subsequently resulted in water ponding in the low point of the car park, until water levels exceeded the treshold of the kerbs flowing straight into the property.	1 Commercial	On-going	твс	Lincolnshire County Council - Yes Anglian Water - Yes Lindsey Marsh IDB - Yes Environment Agency - Yes East Lindsey District Council - Yes	09/07/2020	09/07/2020 - AW 09/07/2020 - LMIDB	TBC	On-going	TBC	ТВС	TBC	TBC	TBC	TBC	TBC	S19-271	ELDC
13 August 2019	Saltfleet	Main Road - LN11 7RZ	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-272	ELDC
15 October 2019	Chapel St Leonards	St Leonards Drive - PE24 5RF	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	твс	TBC	TBC	S19-277	ELDC
26 October 2019	Tetney	Hoop End - DN36 5LB	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	твс	TBC	TBC	TBC	S19-281	ELDC
26 October 2019	Grimoldby	St Edith Gate - LN11 8SS Manby Middlegate - LN11 8SU	Internal flooding to 1 domestic property and 1 commercial property.	2+ TBC (1 commercial)	On-going	TBC	TBC			TBC	On-going	TBC	твс	TBC	TBC	TBC	TBC	твс	S19-282	ELDC
26 June 2019	Greetham	Main Road - LN9 6NT	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-285	ELDC
11 November 2019	Keal Cotes	Padleys Lane - PE23 4AP	Internal flooding to one commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-311	ELDC
TBC	Woodhall Spa	Witham Road - LN10 6RW	Internal flooding to one commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-333	ELDC
20 November 2019	Skegness	Lumley Road - PE25 3NG	Internal flooding to one domestic property. Internal flooding to one domestic property. Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-336	ELDC
14 January 2020	Coningsby	Reedham Lane - LN4 4RX	internal rooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC		S19-350	ELDC
15 January 2020	Coningsby	High Street - LN4 4RA	Internal flooding to one domestic property.	Worship	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC		S19-351	ELDC
18 February 2020	Horncastle	Lincoln Road - LN9 5AW	internal flooding to property	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC		S19-369	ELDC
TBC	Woodhall Spa	Clarence Road - LN10 6TZ Church Lane - PE23 4LP	Internal flooding to commercial property	1 commercial TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-371 S19-410	ELDC
29 July 2020	Hagworthingham Louth	Church Lane - PE23 4LP Eastgate - LN11 9PG	TBC	TBC TBC	On-going On-going	TBC	TBC			TBC	On-going On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-410 S19-417	ELDC ELDC



Appendix A ection 19 Investigations incolnshire County Council Section 19 Investigations - North Kesteven District Council & South Kesteven District Council - Area Highways Manager Rowan Smith (West) Risk Management Authorities with Responsibilities and whether they are exercising functions EA Work Status Status Water Company Work Status Sta Date RMA's Acknowledged Date LCC Issued ommendations to RMA's Task 1 - Surface water drainage scheme under consideration. Further LCC investigation and design required. Feasibility 2019/20, Work 2024. Some A18 cut-off remedial work has been identified to have some mitigation ben Maple Avenue - DN41 8FN LCC - Yes LCC Surcharging surface water sewers combined with overland flows causing internal flooding. Pelham Crescent - DN41 8EW AW Riby Road - DN41 8ER LCC - Yes Feasibility 2021/22 WLDC - Yes cope causing surcharging and the resulting surface water runoff entering properties causing internal flooding. In all around 53 LCC TBC S19-115 WLDC & CoLC 9 June 2014 On-going Task 2 - Further feasibility work is required, which is ongoing. It is anticipated that construction could be started in 2024, subject to funding. Severn Trent Water - Yes 15 June 2016 Cherry Willingham Ancaster Close - LN3 4JF Drainage system resulted in internal flooding. 1 Residential On-going Awaiting report TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-164 WLDC & CoL 26/07/2019 Witham 3rd IDB - 01/06/202 LCC - Yes Witham 3rd IDB - Yes EA - Yes AW - Yes WLDC - Yes On-going Cherry Willingham Lime Grove - LN3 4RD TRC TBC TBC TRC TRC TRC S19-201 WLDC & CoL 1 School 28/05/2020 27/02/2020 26/06/2020 29/07/2020 LCC - Yes 26/07/2019 Witham 3rd IDB - Yes 27/02/2020 10 August 2018 Percy Street - LN2 5ET EA - Yes твс TBC TBC TBC TBC TBC TBC S19-213 WLDC & CoL 28/05/2020 AW - Yes City of Lincoln Council - Yes LCC -Yes Witham 3rd IDB - Yes Surface water flooding at Allenby Close was a combination of the following factors: the topography of the estate roads; property threshold levels; kerb heights; and blockages in the surface water drainage system. 10 August 2018 Lincoln Allenby Close - LN3 4RP Completed TBC EA - Yes 15/08/2019 On-going TBC TBC TBC NA NA TBC S19-214 WLDC & CoLO Col C - Yes LCC - Yes 26/07/2019 Witham 3rd IDB - Yes 26/07/2019 27/02/2020 11 June 2019 Cherry Willingham Lime Grove - LN3 4BD 1 School On-going TBC Anglian Water - Yes 27/02/2020 TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-180 WLDC & Col 28/05/2020 29/07/2020 Environment Agency - Yes 26/06/2020. West Lindsey District Council - Yes 14 June 2019 Skellingthorpe Jerusalem - LN6 4RN TBC 1 TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-232 WLDC & CoL LCC - Yes AW - Yes TBC TBC TBC TBC TBC TBC TBC TBC TBC WLDC & CoL 14 June 2019 Lincoln High Street - LN5 7AF 1 Commercia On-going TBC UWIDB - Yes On-going S19-233 EA - Yes CoLC - Yes 18 June 2019 Lincoln Alexandra Terrace - LN1 1JF 1 TBC On-going TBC On-going TBC TBC TBC TBC TBC S19-244 WLDC & Col Internal flooding to a domestic property TBC TBC TBC TBC TBC 27 August 2019 Internal flooding to 2 domestic properties Brookenby Dale View Road - LN8 6EP 4 TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-253 WLDC & Col 28 August 2019 Internal flooding to a domestic property Nettleham Close - LN2 1SJ 1 Residentia TBC TBC TBC TBC TBC TBC TBC S19-254 WLDC & Col June 2019 Internal flooding to a domestic property. TBC TBC TBC TBC TBC TBC Brant Road - LN5 9AF 1 Residentia TBC TBC TBC TBC WLDC & Col On-going On-going S19-259 11/10/2019 15/04/2020 looding is believed to be a result of numerous factors: a) deficie in the surface water drainage system; and b) potential surface payment misalignment, particularly on Norman Street. This results i flood flow paths bypassing gully locations and are not necessarily diverted away from the property. Witham 1st IDB - No relevant functions in area
Witham 3rd IDB - No relevant functions in area
EA - Yes
City of Lincoln Council - Yes 27/08/2019 14/05/2020 TBC TBC TBC TBC Sincil Street - LN5 7EJ TBC TBC TBC S19-266 WLDC & CoL Lincoln On-going On-going 08/06/2020 29/06/2020 Internal flooding to a domestic property. On-going On-going Waterford Lane - LN3 4AN Internal flooding to 6 domestic properties. TBC TBC 29 October 2019 Cherry Willingham 6+ TBC On-going TBC TBC On-going TBC TBC TBC TBC TBC TBC S19-287 WLDC & CoL Fiskerton Road - LN3 4AP 26 October 2019 Blyton Station Road - DN21 3LE 1 Residential On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-289 WLDC & Col Internal flooding to a domestic property. 26 October 2019 Lindholme - DN21 3UR TBC TBC TBC TBC On-going On-going S19-290 WLDC & Co Internal flooding to one domestic property 9th August 2019 Bardney Silver Street - LN3 5XG 1 Residentia On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-293 WLDC & Col November 2019 Internal flooding to one domestic property. Fiskerton Road - LN3 4AP 1+ TBC TBC TBC TBC TBC TBC TBC TBC WLDC & C 14 November 2019 Internal flooding to one domestic property TBC TBC TBC TBC 08 November 2019 Saxilby Sykes Lane - LN1 2NS 1 Residsential On-going TBC TBC TBC On-going TBC TBC TBC S19-306 WLDC & Col On-going Internal flooding to one domestic property 08 November 2019 Darwin Close - LN5 9GB 1 Residential On-going TBC S19-308 WLDC & Col Station Road - DN21 3LE Internal flooding to one domestic property TBC TBC TBC TBC TBC TBC TBC 7 November 2019 S19-309 WLDC & Col Blyton On-going On-going TBC Riverside - DN21 3UG 1 Residential TBC S19-310 WLDC & Col Internal flooding to one domestic property 1 November 2019 Station Road - DN21 3LE 1 Residential TBC TBC TBC TBC TBC TBC TBC TBC S19-312 WLDC & Col Blyton On-going On-going Internal flooding to two domestic properties Lindum Avenue - LN2 5JB TBC TBC TBC TBC TBC TBC S19-313 Internal flooding to one commercial property 1 November 2019 Snitterby Laughton Road - DN21 4TZ 1 Commercial On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-314 WLDC & Col Internal flooding to two domestic properties 8 November 2019 Westbrooke Road - LN6 7TV TBC TBC TBC TBC TBC TBC S19-316 WLDC & Col Lincoln On-going On-going TBC 08 November 2019 Scothern Lane - LN3 5BH 1 Residential TBC TBC TBC TBC TBC TBC TBC TBC TBC S19-317 WLDC & Col Internal flooding to one domestic property TBC TBC TBC TBC TBC TBC S19-318 WLDC & CoL 08 November 2019 Kexby Kexby Lane - DN21 5PG 1 Residential TBC TBC TBC On-going On-going Internal flooding to one domestic property.



Duty to Investigate incolnshire County Council Section 19 Investigations - North Kesteven District Council & South Kesteven District Council - Area Highways Manager Rowan Smith (West) Works Completion Date LCC / District Council Work Status IDB Work Status Water Company Work Status Date LCC Issued ommendations to RMA's Date RMA's Acknowledged EA Work Status Date of Incident Town / Locality Street / Road Name Description of Flooding Proposed Action/Works Promote Works Status Internal flooding to one domestic property твс TBC TBC Internal flooding to eight-ten domestic properties 08 November 2019 Scothern Lane - LN3 5BH 8 - 10 TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-322 WLDC & Col Internal flooding to one domestic property. Common Road - DN21 4SY TBC TBC TBC WLDC & CoL On-going On-going Kexby Lane - DN21 5PG Internal flooding to a domestic property. 1 Residentia On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-325 WLDC & Co 1 November 2019 14 November 2019 St Andrews Drive - I N6 7UG Internal flooding to one domestic property TBC TBC TBC TBC TBC TBC TBC S19-329 WLDC & Col TBC TBC TBC TBC TBC 4 November 2019 Lincoln St Catherines Terrace - LN5 8EA Internal flooding to one domestic property On-going TBC On-going TBC S19-331 WLDC & Col 0 November 2019 Moor Road - LN8 3PR TBC TBC TBC TBC TBC 14 November 2019 Gainsborough Caenby Close - DN21 1TR Internal flooding to one domestic property 1 Residential On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-337 WLDC & Col ternal flooding to eight domestic propertie 7 December 2019 Lindholme - DN21 3UR TBC S19-339 WLDC & Col On-going On-going Internal flooding to four domestic properties. 6 November 2019 Scotter Riverside - DN21 3HG 4+ TRC TRC TRC TRC TRC TBC TRC TRC TRC S19-340 WLDC & Co Church Street - DN21 2JR TBC TBC TBC TBC TBC TBC TBC TBC 14 November 2019 Internal flooding to one commercial property. S19-342 WLDC & Col On-going On-going 6 December 2019 Dear Street - LN8 3BH TBC TBC твс TBC TBC TBC TBC TBC TBC S19-348 WLDC & Col On-going TBC TBC TBC 27 June 2019 Lincoln Lindum Terrace - LN2 5RT Internal flooding to one domestic property. 1 TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC S19-356 WLDC & CoL The flooding appears to be caused by rainfall, supplemented by highway surface water, flowing on the footpath and being deflected to the flooding surface water flooding as the guilt less take gate to properly. The water ponded can be a flooding surface flow, water flowed towards the properly and callecting the surface flow, water flowed towards the property and 02 August 2019 Gainsborough Morton Terrace - DN21 2RL On-going TBC TBC On-going TBC TBC TBC TBC TBC TBC S19-361 WLDC & CoL 28/05/2020 Silver Street - LN3 5XG 1 TBC TBC TBC TBC TBC TBC S19-363 WLDC & Col 9 February 2020 Lincoln High Street - LN5 7DR Internal flooding to two properties. 2 TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-365 WLDC & Col On-going on-going Nov-19 North Kelsey Moor Caistor Road - I N7 6HF Internal flooding to one property On-going TBC TBC TBC TBC TBC TBC TBC TBC TBC S19-379 WLDC & Col Ermine Street - DN21 4UB TBC TBC TBC TBC TBC TBC S19-380 WLDC & Col Internal flooding to one property. On-going On-going Nov-19 Blyton Internal flooding to potentially 3+ properties TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-381 WLDC & Col Dear Street - LN8 3BH TBC TBC Nov-19 Scothern Lane - LN3 5BH Internal flooding to one property. 1 Residentia On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC S19-383 WLDC & Col Messingham Road - DN21 3UQ Messingham Road - DN21 3UQ Messingham Road - DN21 3UQ Riverside - DN21 3UG Riverside - DN21 3UG Lindholme - DN21 3UG Nov-19 Internal flooding to six properties 6 Residentia TBC TBC TBC TBC TBC TBC TBC S19-384 WLDC & CoL TBC TBC Internal flooding to two properties On-going Nov-19 Dunholme Honeyholes Lane - LN2 3SU Internal flooding to one property. 1 Residential On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-386 WLDC & Col Nov-19 Cherry Willingham Waterford Lane - LN3 4AN Internal flooding to one property. TBC TBC TBC TBC TBC TBC TBC S19-387 WLDC & Col On-going On-going Ingham Road - LN1 2DG 1 Residential Nov-19 Stow Internal flooding to one property. TBC TBC TBC TBC TBC TBC TBC TBC TBC S19-388 WLDC & Col Nov-19 Scothern TBC TBC TBC TBC TBC Sudbrooke Road - LN2 2UZ Internal flooding to one property. 1 Residential On-going TBC TBC TBC On-going TBC S19-389 WLDC & Col Nov-19 North Kelsey Carr Road - I N7 6I G Internal flooding to one property 1 Residential On-going TBC S19-391 WLDC & Col Nov-19 Normanby Road - LN7 6TA Internal flooding to one property. WLDC & Col On-going On-going Nov-19 Stainfield Main Road - LN8 5JJ Internal flooding to one property. 1 Residential On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-393 WLDC & Col твс TBC TBC Nov-19 Market Rasen A631 Bishopsbridge to A1103 - LN8 3LY Internal flooding to one property. 1 Residential On-going TBC TBC On-going TBC TBC TBC S19-394 WLDC & Co TBC TBC твс TBC Nov-19 Market Rasen Bishop Norton Road Internal flooding to one property. 1 Residential On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-396 WLDC & Col Nov-19 Internal flooding to one property. TBC S19-398 WLDC & Col Waddingham On-going On-going Nov-19 Stainton Avenue Internal flooding to one property. 1 Residential On-going TBC S19-399 WLDC & Col WLDC & Col Internal flooding to three properties. On-going On-going Sturton By Stow Nov-19 Kexby Kexby Lane - DN21 5PG Internal flooding to three properties 3 Residential TB TBC TBC TBC TBC TBC TBC S19-401 WLDC & Col TBC Nov-19 Snitterby Snitterby Carr Lane - DN21 4UU Internal flooding to one property. 1 residential TBC твс TBC TBC TBC TBC TBC WLDC & Col On-going On-going S19-402 Southwell Close - LN7 6NW TBC TBC твс TBC TBC TBC WLDC & Co Nov-19 Cherry Willingham Fiskerton Road - LN3 4AP Internal flooding to one property. 1 residential On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC S19-404 WLDC & Col Internal flooding to one property On-going Nov-19 Southdown - LN5 9UW Internal flooding to seven properties 7 Residentia TBC TBC TBC TBC TBC TBC TBC TBC TBC S19-406 WLDC & Col Faldingworth Road - LN8 2DF TBC TBC TBC TBC TBC WLDC & CoL November 2019 Internal flooding to one property. On-going On-going Lincoln Sincil Street - LN5 7F.I TBC TBC On-going TBC TBC TBC On-going TBC TBC TBC TBC TBC TBC TBC S19-413 WLDC & Co 25/07/2020 Sincil Street - LN5 7EJ 16 August 2020 Lincoln On-going On-going



Appendix A																				
Outy to Investiga	ate																			
Section 19 Inves																				
_incolnshire Cou	unty Council Section 19	Investigations - Boston Boro	ugh Council & South Holland District Council Net		rea Highways I	Manager Kyra Nettle (South)	Risk Management Authorities with		T				Works	LCC / District			Water	3rd Party	S19 Report	
Date of Incident	Town / Locality	Street / Road Name	Description of Flooding	Number Of Properties	Investigation Status	Proposed Action/Works	Responsibilities and whether they are exercising functions	Date LCC Issued Recommendations to RMA's	Date RMA's Acknowledged Proposed Recommendations	Promoter	Works Status	Estimated Timescales Recommendation	Completion Date	Council Work Status	EA Work Status	04-4	Company Work Status		S19 Report File Reference	New Network Area
6 July 2012	Donington	Quadring Road - PE11 4TB	The footway along the front of the property is lower than the carriageway and has its own series of guillies. The carriageway is served by guillies and drained seperately.	1 Residential	Completed	TBC	LCC - Yes			LCC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	твс	S19-039	BBC & South Holland
10 June 2016	Spalding	Little London - PE11 2TA	Heavy rainfall, resulted in surface water runoff from the highway.	1 Residential	Completed	Task 1 - LCC has carried out drainage survey. Task 2 - LCC has cleansed the drainage system and raised the kerbs across the access to the property. Task 3 - LCC to raise kerbs for the second access to the property and re	LCC - Yes AW - Yes Welland & Deeping IDB - Yes			LCC	On-going	TBC	Task 1 - TBC Task 2 - TBC Task 3 - TBC	TBC	NA	NA	NA	NA	S19-174	BBC & South Holland
16 June 2016	Low Fulney	Mallard Road - PE12 6ND Weston Hills Road - PE12 6NE	Surface water ran off the road & possibly surrounding land and flooded these properties.	7 Residential 1 Commercial	Completed	Task 1 - LCC and SHIDB are working in partnership to investigate and identify potential improvements to the surface water drainage in the local area.	LCC - Yes SHIDB - Yes SHDC - Yes EA - Yes			LCC South Holland IDB	On-going	2020/21	Task 1 - TBC	TBC	NA	TBC	NA	NA	S19-185	BBC & South Holland
28 June 2017	Kirton	London Road - PE20 1JA	Surface water runoff from the highway resulted in internal flooding. This was complemented by deficiencies within the soakaways serving the properties alongside deficiencies within the highway drainage system.	1 Residential	Completed	TBC	Boston Borough Council = Yes Black Sluice IDB = Yes LCC = Yes AW = Yes EA = Yes			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-189	BBC & South Holland
20 July 2017	Tydd St Mary	Church Way - PE13 5QY	The footway falls towards the property and the property roof water discharges directly onto the footway.	1 Residential	Completed	Task 1 - Further investigations into the highways drainage system is required Task 2 - There is also some responsibility for the householder to manage their curtilage water.	LCC - Yes South Holland IDB - Yes AW - Yes			ТВС	On-going	TBC	Task 1 - TBC Task 2 - TBC	TBC	TBC	TBC	ТВС	TBC	S19-191	BBC & South Holland
10 June 2016	Deeping St Nicholas	Coronation Avenue - PE11 3EP	The extact cause of the flooding incident is uncertain. It may however, have been a result of inadequacies in the South Holland District Council drainage infrastructure, the LCO drainage infrastructure, the expery significant storm event in excess of design capacity or a combination of two or all three of these possible causations.	3 Residential	Completed	TBC	LCC - Yes Welland & Deeping IDB - Yes SHDC - Yes	28/08/2018		TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	твс	S19-138	BBC & South Holland
24 January 2018	Swineshead	Coles Lane - PE20 3NS	Surface or ground water entered the AW foul system causing it to surcharge, flooding the adjacent highway. There is no clear evidence to suggest that surface water caused internal property flooding.	1	Completed	TBC	LCC - Yes AW - Yes Black Slucie - Yes EA - Yes BBC - Yes				On-going		твс	TBC	TBC	TBC	TBC	TBC	\$19-200	BBC & South Holland
13 August 2018	Kirton	Station Road - PE20 1EE	Rainfall overwhelmed the surface water drainage system, resulting in the ponding of water, which ultimately flooded three properties.	1 Residential 2 Commercial	Completed	TBC	BBC - Yes BBC - Yes Black Sluice IDB - Yes AW - Yes			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-217	BBC & South Holland
11 June 2019	Pinchbeck	Brownlow Crescent - PE11 3XD	Heavy rainfall exceeded the capacity of the drainage system serving Brownlow Crescent, which itself was limited due to sitation. This was further exacerbated by deficiencies within the adjoining Internal Drainage Board drain. Consequently, resulting in surface water flooding. Fortunately no internal property flooding occurred.	0	On-going	TBC	EA = Yes Welland and Deepings IDB = Yes South Holland IDB = Yes Anglian Water = Yes LCC = Yes South Holland District Council = Yes	27/02/2020 08/06/2020 29/06/2020	29/07/2020	TBC	On-going	ТВС	TBC	TBC	TBC	TBC	TBC	TBC	S19-050	BBC & South Holland
11 June 2019	Kirton	King Street - PE20 1HZ	TBC	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-161	BBC & South
													TBC							Holland BBC & South
11 June 2019 11 June 2019	Quadring New Bolingbroke	St Margarets - PE11 4PR Main Road - PE22 7JU	TBC TBC	1 TBC 2 TBC	On-going On-going	TBC TBC	TBC TBC			TBC	On-going On-going	TBC TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-193 S19-223	Holland BBC & South
11 June 2019	Spalding	Pinchbeck Road - PE11 1QF	Flooding is believed to be caused by groundwater entering the properties basements.	2	On-going	твс	EA = Yes Welland and Deepings IDB = Yes South Holland IDB = Yes Anglian Water = Yes LCC = Yes South Holland District Council = Yes	27/02/2020 08/06/2020 29/06/2020	29/07/2020	ТВС	On-going	твс	ТВС	ТВС	TBC	TBC	ТВС		S19-226	Holland BBC & South Holland
12 June 2019	Wrangle	Main Road - PE22 9AT	TBC	3 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-231	BBC & South Holland
14 June 2019	Spalding	St Thomas Road - PE11 2TJ	Heavy rainfall exceeded the capacity of the highways surface water drainage system, due to sillation. This in turn caused the system to surcharge, which flooded low lying properties.	2	On-going	твс	EA = Yes Welland and Deepings IDB = Yes South Holland IDB = Yes Anglian Water = Yes LCC = Yes South Holland District Council = Yes	27/02/2020 08/06/2020 29/06/2020	29/07/2020	TBC	On-going	ТВС	TBC	TBC	TBC	ТВС	TBC	TBC	S19-238	BBC & South Holland
14 June 2019	Boston	Paddock Grove - PE21 8QL	Groundwater flooding possibly augmented by surface or rainfall flow is believed to have resulted in internal flooding.	1 Residential	On-going	TBC	LCC = Yes Anglian Water = Yes Black Sluice IDB = Yes Environment Agency = Yes Boston Borough Council = Yes	27/02/2020 04/06/2020 26/06/2020	16/04/2020 - EA	ТВС	On-going	ТВС	ТВС	твс	TBC	TBC	TBC	TBC	S19-239	BBC & South Holland
14 June 2019	Spalding	Stonegate - PE11 2PP	The affected properties suffered from groundwater flooding.	2	On-going	твс	EA = Yes Welland and Deepings IDB = Yes South Holland IDB = Yes Anglian Water = Yes LCC = Yes South Holland District Council = Yes	27/02/2020 08/06/2020 29/06/2020	29/07/2020	TBC	On-going	TBC	ТВС	твс	твс	TBC	TBC	твс	S19-241	BBC & South Holland



Duty to Investigate
Section 19 Investigations
LincoInshire County Council Section 19 Investigations - Boston Borough Council & South Holland District Council Network Area - Area Highways Manager Kyra Nettle (South)

| Date of Incident | Town / Locality | Street / Road Name | Description of Flooding | Number Of Properties | Investigation Status | Proposed Action/Works | Proposed Action/Works | Date RMA's Acknowledged Recommendations to RMA's | Proposed Recomm

Date of Incident	Town / Locality	Street / Road Name	Description of Flooding	Number Of Properties	nvestigation Status	s Proposed Action/Works	Risk Management Authorities with Responsibilities and whether they are exercising functions	Date LCC Issued Recommendations to RMA's	Date RMA's Acknowledged Proposed Recommendations	Promoter	Works Status	Estimated Timescales Recommendation	Works Completion Date	LCC / District Council Work Status	EA Work Status	IDB Work Status	Water Company Work Status	VVOLK	S19 Report File Reference	
14 June 2019	Spalding	Neville Avenue - PE11 2EH	The cause of flooding on Neville Avenue is possibly three fold: Surcharging of the Anglian Water foul water system; Surface water exceedance from highway drains; and Riparian watercourse in- operable/in-effective from lack of maintenance/neglect or possible loss of outfall.	3	On-going	твс	EA = Yes Welland and Deepings IDB = Yes South Holland IDB = Yes Anglian Water = Yes LCC = Yes South Holland District Council = Yes	27/02/2020 08/06/2020 29/06/2020	29/07/2020	TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-242	BBC & South Holland
11/06/2019 14/06/2019	Spalding	St Andrews Road - PE112SH Wentworth Close - PE112SN	Heavy rainfall exceeded the capacity of the highways surface water drainage system, due to siltation. This was further exacerbated by an ineffective riparian watercourse. Consequently, causing flooding to low lying properties, predominately garages and non-livable spaces. Fortunately, no internal property flooding occurred.	0	On-going	TBC	EA = Yes Welland and Deepings IDB = Yes South Holland IDB = Yes Anglian Water = Yes LCC = Yes South Holland District Council = Yes	27/02/2020 08/06/2020 29/06/2020	29/07/2020	TBC	On-going	ТВС	ТВС	TBC	TBC	TBC	TBC	TBC	S19-243	BBC & South Holland
28 August 2019	Wrangle	Main Road - PE22 9AD	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-249	BBC & South Holland
14 August 2019	Old Leake	Station Road - PE22 9QQ	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	твс	S19-256	BBC & South Holland
28 September 2019	Old Leake	School Lane - PE22 9NJ	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-261	BBC & South Holland
01 October 2019	Sutton Bridge	Bridge Road - PE12 9UA	Internal flooding to a commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-263	BBC & South Holland
15 October 2019	Swineshead	The Drayton - PE20 3JN	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-274	BBC & South Holland
15 October 2019	Swineshead	Coles Lane - PE20 3NS	Internal flooding to a domestic property.	1 residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-278	BBC & South Holland
17 October 2019	Hoffleet Stow	Hoffleet Road - PE20 3AJ	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-279	BBC & South Holland
15 October 2019	Spalding	Little London - PE11 2UE	Internal flooding to a 1 commercial property.	1 Commercial	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-280	BBC & South Holland
29 October 2019	Surfleet Seas End	The Reservoir - PE11 4DJ	Internal flooding to 4 domestic properties.	4 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-284	BBC & South Holland
29 October 2019	Boston	Witham Bank East - PE21 9JU	Internal flooding to a domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-286	BBC & South Holland
14 November 2019	Swineshead	Coles Lane - PE20 3NS	Internal flooding to one domestic property.	1 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-327	BBC & South Holland
20 January 2020	Langrick	Armtree Road - PE22 7AQ	A blocked drain (covered by road surfacing) causing internal flooding to properties	2 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-352	BBC & South Holland
25 June 2019	Holbeach	Lyndis Walk - PE12 7DF	Internal flooding to one domestic property.	2 Residential	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-355	BBC & South Holland
10 July 2019	Gosberton	Spalding Road - PE10 9LE	TBC	TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	твс	S19-358	BBC & South Holland
11 June 2019	Kirton	Station Road - PE20 1EE	Internal flooding to one property.	1 TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-359	BBC & South Holland
18 June 2020	Gosberton	Salem Street - PE11 4NQ	Internal flooding to one residential property.	1 residential TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-408	BBC & South Holland
TBC	Old Leake	Station Road - PE22 9QJ	TBC	TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	твс	S19-411	BBC & South Holland
15 November 2019	Ruskington	Fen Road - NG34 9TG	TBC	TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-412	BBC & South Holland
17 August 2020	Kirton	London Road - PE20 1JA	TBC	TBC	On-going	TBC	TBC			TBC	On-going	TBC	TBC	TBC	TBC	TBC	TBC	TBC	S19-416	BBC & South Holland



Agenda Item 9



Policy and Scrutiny

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

Report to: Flood and Water Management Scrutiny Committee

Date: 01 September 2020

Subject: 2020+ Steeping Catchment Action Plan Update

Summary:

The final report of the investigation into flooding at Wainfleet in June 2019 was presented to the meeting of the Committee in February 2020. The investigation report made a number of recomendations for further action, and members requested that an update on progress be given to this Committee.

Actions Required:

Members of the Flood and Water Management Scrutiny Committee are invited to review and consider the progress on the recomendations as set out in this report.

1. Background

At the meeting of the Flood and Water Management Scrutiny Committee on 24th February 2020, the final report into the flooding at Wainfleet in June 2019 was presented.

Members will be aware that Section 19 of the Flood and Water Management Act 2010 places a duty on the Lead Local Flood Authority (in this case Lincolnshire County Council) to identify which risk management authorities have a flood risk management function in an area and whether those authorities have exercised, or intend to exercise, those functions in response to the flood.

Over and above that duty, in its flood investigation reports Lincolnshire County Council makes recommendations to the relevant risk management authorities for further work to mitigate future flood risk.

Reproduced below is a list of the recommendations made in the Wainfleet flood investigation report together with some commentary on the progress that has been made on each recommendation.

Pick Management Authority and	
Risk Management Authority and recommendations	Comments
Lincolnshire County Council – Lead Local Flood Authority: • Facilitate the review; dissemination and implementation of the findings and recommendations contained within this Section 19 investigation; • Review current roles and partnership working arrangements of Lincolnshire RMA's and make recommendations where improvements are identified. The Environment Agency: • Carry out an appraisal of existing flood defences and options to improve the level	 Actions to date: Outcomes and recommendations of the flood investigation reported to Flood & Water Management Scrutiny February 2020; RMAs notified of the outcomes; findings of the investigation and the full report published on LCC website; Active partner in both the Steeping Catchment Steering Group and Resilience Group, contributing to the development and delivery of the Action Plan; Review of, consultation on and publication of the second Lincolnshire Joint Flood Risk & Water Management Strategy and Partnership Framework. Still to complete: As Lead Local Flood Authority, assess local flood risk to develop and implement feasible and value for money flood risk management schemes. Actions to date: Supporting the Steeping Catchment Steering Group and Resilience Group
of protection and resilience of the assets. Identify funding for flood mitigation measures. Review the operational strategy for the River Steeping and Relief Channel, appraising the respective roles of both in managing flood risks; Review the maintenance regime for the River Steeping and Relief Channel. Work in partnership with local landowners to improve land management practices in the River Steeping catchment.	Steering Group and Resilience Group, contributing to the development and delivery of the Steeping Action Plan; Identify the most appropriate work within the catchment, as reflected in the Steeping Action Plan. Actively working in partnership with other agencies and the community to deliver the Steeping Action Plan.
Internal Drainage Board (IDB): • In conjunction with other RMA's review the operational performance (e.g. resilience) of existing pumping stations and IDB assets that interact with the River Steeping and relief channel and establish the benefits that operational changes could provide.	 Actions to date: Supporting the Steeping Catchment Steering Group and Resilience Group, contributing to the development and delivery of the Steeping Action Plan; Continue to be an active and contributing partner in the Joint Flood Risk Management Framework.

Risk Management Authority and	Comments			
recommendations				
Anglian Water (AW): • In conjunction with other RMA's review the operational performance (e.g. resilience) of existing AW assets in the River Steeping catchment and establish the benefits that operational changes could provide; to reduce surface water flood risk for example.	 Actions to date: Anglian Water continue to play an active role in the wider Lincolnshire partnership, and are exploring opportunities to work in partnership to manage the risk of flooding from multiple sources. They continue to review the resilience of their assets, (both above ground assets, such as pumping stations and water recycling centres, as well as the sewer network) on a regular basis and will undertake work on a risk based approach to improve this resilience where required. 			
Partner Organisations: Work in partnership with RMA's, landowners and residents in the development and implementation of flood mitigation measures and plans to manage flood risk.	 Actions to date: Engaging and working with the Steeping Catchment Steering Group and Resilience Group. Still to complete: Be active and contributing partners in the development and implementation of future flood risk management schemes. 			
Landowners: • Work in partnership with RMA's to adopt best practice land management in the River Steeping catchment, including: limiting the amount of sediment from adjacent farmland entering land drains and watercourses; controlling cattle access to river banks and provision of alternative drinking stations; and managing the effects of burrowing animals on the river embankments.	Actions to date: Risk management authorities continue to support the existing engagement through the Steeping Catchment Working Groups, and continue to liaise with the National Farmers' Union.			
Residents: • Continue to work in partnership with RMA's, partner organisations and landowners in the development and implementation of flood mitigation measures, including adopting best practice in property flood resilience, to manage flood risk; • Continue to work in partnership with RMA's, partner organisations and landowners in the development of an Emergency Plan for Wainfleet and the surrounding villages.	Actions to date: • There is an enduring requirement for the Lead Local Flood Authority and partner organisations to work with individuals and community groups to raise awareness of riparian rights and responsibilities, what options there might be for property flood resilience and what opportunities there might be to take advantage of such options.			

2. Conclusion

As can be seen, over the last six months good progress has been made on the recommendations made in the Wainfleet flood investigation report. Actions will continue to be monitored through the various working groups, and any outstanding tasks, such as the feasibility of surface water flood risk management schemes, will be progressed as quickly as possible in the usual way.

3. Consultation

a) Have Risks and Impact Analysis been carried out?

No

b) Risks and Impact Analysis

N/A

4. Background Papers

Document title	Where the document can be
	viewed
Item 5, Flood & Water Management Scrutiny	https://lincolnshire.moderng
Committe, 24 February 2020 - Report on the	ov.co.uk/ieListDocuments.as
outcome of the investigation into the flooding at	px?Cld=581&Mld=5678
Wainfleet in June 2019 in accordance with S.19	
Flood & Water Management Act 2010	

This report was written by Paul Brookes, County Flood Risk Manager, who can be contacted on (01522) 782070 or paul.brookes@lincolnshire.gov.uk.

Agenda Item 10



Policy and Scrutiny

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

Report to: Flood and Water Management Scrutiny Committee

Date: 01 September 2020

Subject: Flood and Water Management Scrutiny Committee Work

Programme

Summary:

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

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

Actions Required:

The Committee is invited to:

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

1. Background

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

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

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

2. Work Programme

	01 SEPTEMBER 2020				
Item		Contributor			
1	2020+ Steeping Catchment Action Plan Update	David Hickman, Head of Environment			
2	Investigations undertaken under Section 19 of the Flood and Water Management Act 2010	Paul Brookes, Flood Risk Manager			
3	Environment Agency Update	Morgan Wray, Area Flood and Coastal Risk Manager			
4	Anglian Water – Sewage Flooding Events	Anglian Water			
5	Highways – Gully Cleansing/Repair and Surface Water Flooding	Richard Fenwick, County Highways Manager			

	30 NOVEMBER 2020				
	Item	Contributor			
1	2020+ Steeping Catchment Action Plan Update	David Hickman, Head of Environment			
2	Investigations undertaken under Section 19 of the Flood and Water Management Act 2010.	Paul Brookes, Flood Risk Manager			
3	Environment Agency Update	Morgan Wray, Area Flood and Coastal Risk Manager			
4	Flooding Insurance Arrangements	TBC			

22 FEBRUARY 2021				
	Item	Contributor		
-				

3. Conclusion

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

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

4. Consultation

a) Have Risks and Impact Analysis been carried out? Not Applicable

b) Risks and Impact Analysis

Not Applicable

5. Background Papers

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

This report was written by Daniel Steel, Scrutiny Officer, who can be contacted on 01522 552102 or via email daniel.steel@lincolnshire.gov.uk

