

| Lincolnshire County Council Section 19 Investigations - Network North Area F - Contact Officer Steve Wiles - Area Highways Manager |  |  |   |  |  | Identified Actions/Works  |                     |          |   |                           |
|--|--|--|---|--|--|---|---------------------|----------|---|---------------------------|
| Date of Incident   | Town & Location                          | Description of Flooding  | Risk Management Authorities with Responsibilities and whether they are exercising functions | Actions and Recommendations  | Consideration for inclusion in future Common Works Programme | Proposed Action/Works   | Promoter            | Status   | Estimated Timescales Recommendation Scheme Completion | S19 Report File Reference |
| 28/06/2012   | <b>Caistor</b><br>Castle Hill            | Following heavy rainfall the Anglian Water foul sewer system became overwhelmed due to infiltration of surface water and backed up into a property in Castle Hill.<br><br><b>1 Property</b>  | Anglian Water - <b>Yes</b>  | There is a non-return valve fitted to the property lateral which was ineffective. Anglian Water have repaired it and are to implement an improved maintenance regime.  | No   | AW to maintain the non-return valve.  | AW                  | Complete | Complete Autumn 2012                                  | S19-031                   |
| 28/06/2012   | <b>Keelby</b><br>Eastfield Road          | Surface water sewer overwhelmed due to its connection to a blocked riparian drain.<br><br><b>3 Properties</b>  | Anglian Water - <b>Yes</b><br>North East Lincs IDB - <b>Yes</b><br>LCC - <b>Yes</b>         | North East Lincolnshire Internal Drainage Board to clear riparian drain. Anglian Water to investigate cross contamination of foul and surface water systems. LCC to investigate the provision of a new chamber on the culverted section of watercourse in order to facilitate further investigations. Riparian owners to be advised of their responsibilities.   | No   | All risk management partners have completed their actions and responsibilities.   | AW<br>NELIDB<br>LCC | Complete | Complete Spring 2014                                  | S19-033                   |
| 28/06/2012   | <b>Moortown</b><br>Brigg Road            | Extreme rainfall (in the order of a 1 in 200 year event) caused the riparian ditches in front of properties on Brigg Road to overtop causing internal flooding.<br><br><b>1 Property</b>   | Ancholme IDB - <b>Yes</b>   | Riparian owners have been advised to clear the ditches in front of their properties. Ancholme Internal Drainage Board is to advise residents and promote investigation into the outfall of riparian watercourses into Nettleton Beck. Ancholme Internal Drainage Board requested to assess for enforcement action.   | No   | Riparian owner and Ancholme IDB have completed their actions and recommendations. Residents have been informed of their responsibilities.   | Ancholme IDB        | Complete | Complete Spring 2014                                  | S19-034                   |
| 28/06/2012   | <b>Spridlington</b><br>Faldingworth Road | Extreme rainfall (in the order of a 1 in 200 year event) caused surcharging of the highway drainage system in the village and internal flooding.<br><br><b>1 Property</b>  | LCC - <b>Yes</b>  | Highway drainage system found to be in good order following the investigation. As the flooded property has a very low threshold, property level resilience recommended.  | No   | IDB requested to assess for enforcement action and recommendations advised to residents   | LCC                 | Complete | Complete Autumn 2013                                  | S19-035                   |
| 25/05/2014   | <b>Kexby</b><br>High Street              | History of surface water flooding and drainage issues in location. Most recent event involved an intense period of persistent rain causing surface water drains to back up and flow into the garden and driveway, and then into the property whilst the resident was not at home.<br><br><b>1 Property</b> | LCC - <b>Yes</b>  | LCC has arranged for the surface water drainage system to be jetted and cleansed. However, there is evidence that there is a broken pipe within the system. It is proposed to install a new section of surface water drain to create a connection to another system which is known to be in good order, providing an alternative outfall and rendering the damaged pipe redundant. WLDC have been advised to sweep the roads to prevent excess silt and debris blocking the drain. | No   | System has been cleansed and jetted, WLDC have swept the roads. Damaged surface water drain is currently being replaced by LCC Works to lay a new 225mm diameter surface water pipe between two existing chambers on the High Street. | LCC                 | Complete | Complete September 2015                               | S19-076                   |

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| 09/06/2014   | Scotter<br>High Street     | Heavy rainfall, in a short duration caused excess surface water to flow down the High Street and into the carpark. The water entered through the rear door where it damaged Lounge carpets and refrigeration units in the bar. This occurred on two occasions. Sandbags were issued when the property was threatened on a third occasion. However it did not breach the threshold. Notified in Dec 14<br><br><b>1 Property</b>   | LCC - Yes   | A survey will be carried out to investigate whether any alterations can be made to the access to stop any run off from the carriageway.   | No   | Work order issued to lay centre kerb across vehicle access to create a water check to keep surface water running down High Street and not into the public House carpark. Works completed September 2015 | LCC            | Complete | Complete September 2015                               | S19-128                   |
| 09/06/2014   | Somerby<br>Corringham Road | Following torrential rainfall, the highway ditches became overwhelmed causing the outfall pipe to the property's septic tank to back up the drains in the property, subsequently leading to water entering the property.<br><br><b>1 Property</b>  | LCC - Yes   | Flooding was caused by lack of maintenance of the open ditch. The riparian owner has been contacted to ensure the ditches are regularly cleared out and maintained to remove the risk of the outfall backing up in the future.  | No   | Recommendations provided to riparian owner  | Riparian Owner | Complete | Complete Winter 2014                                  | S19-082                   |
| 09/06/2014   | Blyton<br>High Street      | Following very heavy rainfall, the dyke to the rear of the property which collects water from the adjacent land and development at the top of the hill, was unable to take the water. The volume of water exceeded the capacity of the pipe at the bottom of the dyke. This caused the dyke to back up and run through the fence at the rear of the property. The flood water entered the restaurant and flowed through the building to the main entrance at the front.<br><br><b>1 Property</b> | LCC - Yes   | Flooding was caused by insufficient pipe capacity within the dyke located to the rear of the property. Recommendations given to the property owner and riparian owner of the dyke include:<br><br>Constructing a wall or physical feature along the fence line to reduce the risk of water from the dyke flowing down the slope into the property;<br><br>Installation of flood seals to the doors to prevent water ingress;<br><br>Regular maintenance to the trash screen to ensure it is kept clear of debris and reduce the risk of the 225mm pipe in the dyke from backing up. | No   | The riparian/property owner has been informed of his responsibilities, and of flood resilience measures to help alleviate the property from flooding in the future.                                     | Riparian Owner | Complete | Complete Autumn 2014                                  | S19-089                   |
| 09/06/2014   | Blyton<br>Station Road     | Following torrential rainfall, the highway drains were unable to cope with the amount of surface water on the carriageway causing internal flooding to the property.<br><br><b>1 Property</b>  | LCC - Yes   | During a period of intense rainfall over a short period, surface water run off from neighbouring land caused this residential property internal flooding. Whilst carrying out investigations there was no evidence of any dykes along the field boundaries, additionally the property is situated lower than the surrounding land and carriageway.  | No   | The property owner has been made aware of property resilience measures that should help alleviate flooding in the future.   | Riparian Owner | Complete | Complete Sept 2014                                    | S19-090                   |

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| 09/06/2014<br>Page 41  | <b>Hemswell Cliff</b><br>Capper Avenue | Following torrential rainfall that fell in a short duration, surface water flowed off the unadopted road and onto the property causing internal flooding to the bungalow.<br><br><b>1 Property</b> | LCC - <b>Yes</b><br>Anglian Water - <b>Yes</b>  | That investigations be made by the management company into the surface water drainage system to check the system is operating at full capacity, and to identify any reasonable improvements to mitigate residual flood risk.<br><br>That investigations be made by Anglian Water into the condition of the foul system.<br><br>That the property owner be reminded of the advice given in 2012 by WLDC with regards to flood risk management and property protection. | No   | The Private Management company responsible for the maintenance of the water drainage system and that the property owner has been reminded of the advice given by WLDC in 2012 with regards to flood risk management and property protection. | Riparian owner     | Complete | Summer 2015   | S19-127                   |
| 11/08/2014   | <b>Corringham</b><br>Middle Street     | Intense summer rainfall caused property internal flooding. The cause of the flooding was due to a blocked highway drain located at the front of the property.<br><br><b>1 Property</b>             | LCC - <b>Yes</b>  | It is recommended that the surface water highway drain is regularly maintained.<br>The tenant is currently in the process of requesting permission from the landlord to make improvements to the driveway, to help alleviate flooding in the future.  | No   | System has been cleaned and jetted following the incident. All flood resilience work will be carried out by the landlord.  | LCC Riparian Owner | Complete | Complete Autumn 2014                                  | S19-091                   |

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