

Appendix A												
Duty to Investigate												
Section 19 Investigations												
Lincolnshire County Council Section 19 Investigations - East Lindsey District Council Network Area - Area Highways Manager Andrew Ratcliffe (East)												
Date of Incident	Town / Locality	Description of Flooding	No of Properties Flooded	Investigation Status	S19 Report Recommendations / Conclusions	Risk Management Authorities with Responsibilities and whether they are exercising functions	Proposed Action/Works	Consideration for inclusion in future Common Works Programme	Promoter	Works Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference
28 June 2012	Horncastle South Street	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of the Bull Ring and South Street overwhelming the Anglian Water sewer systems; which were also suffering from surcharged outfalls due to high river levels.  <b>1 Property</b>	1	Completed	Whilst the flooding was caused by extreme rainfall and overland flows, LCC has undertaken a CCTV survey of the underground surface water systems. This has revealed a number of condition concerns in relation to a brick culvert system owned by Anglian Water. The report has been passed to Anglian Water in order that they consider future action and repairs. LCC has in addition carried out repairs to gullies and connections in South Street. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. A bid for an overall surface water study for Horncastle is being submitted by LCC. Anglian Water works to clear blockages have been completed. Planned Environment Agency works regarding outfall issues and river levels may reduce flood risk.	Anglian Water - Yes  LCC - Yes	LCC gullies and system checked and repaired. Anglian Water checking surface water systems and may consider improvement works in future asset management plans. Feasibility and design programmed for 2014/15 and if approved; works to progress in 2015/16/17. Additional minor works to be included in the future works programme.	Yes	LCC	On-going	2018/19	S19-003
28 June 2012	Horncastle Langton Hill	Extreme rainfall (estimated to be a 1 in 50 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 sewer drainage systems on Langton Hill and West Street, and caused flooding at the bottom of the hill.  <b>1 Property</b>	1	Completed	A full drainage survey has been carried out and significant blockages have been removed from both the highway drains and Anglian Water's surface water sewers. The survey has identified a number of areas of damage to both systems. LCC has repaired the highway drainage system, and the survey has been forwarded to Anglian Water for assessment of their surface water sewers. The Witham 3rd Internal Drainage Board is ensuring that ditches are cleared by respective riparian land owners.	LCC - Yes  Anglian Water - Yes Witham 3rd IDB - Yes	Highway drainage system repaired and functioning. Anglian Water checked the surface water system and it is working acceptably. Initial works delivered. A bid for an overall surface water study for Horncastle has been submitted with feasibility and design programmed for 2014/15 if approved; works to be programmed 2017/18.	Yes	LCC	On-going	2017/18	S19-004
28 June 2012	Horncastle Mark Avenue, Accommodation Road, Prospect Street	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent hillside and agricultural land. This was exacerbated by the interceptor ditch being restricted at its entrance to the culvert system, which caused flooding to properties in Mark Avenue, Accommodation Road and Prospect Street.  <b>14 Properties</b>	14	Completed	Whilst the flooding was caused by extreme rainfall and flows from adjacent land, investigations revealed an intercepting ditch which flows into a culverted watercourse which is shown on Anglian Waters records. East Lindsey District Council has cleared the culvert and trash screen. LCC has also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. Ditches cleaned out and discussions are ongoing between Anglian Water and Witham 3rd Internal Drainage Board regarding ownership. A bid for an overall surface water study for Horncastle is being submitted by LCC.	Anglian Water - Yes Witham 3rd IDB - Yes  ELDC - Yes	Ditches cleaned out. Discussions ongoing between Anglian Water and Witham 3rd IDB regarding ownership. A capital scheme is included in the Medium Term Plan for works in 2018/19	Yes	LCC AW Witham 3rd IDB	On-going	2018/19	S19-005
28 June 2012	Toynton St Peter Ings Lane	Extreme rainfall caused overland flows to surcharge a number of watercourses in the area resulting in flooding to a low lying property in Ings Lane.  <b>1 Property</b>	1	Completed	It is recommended that a new watercourse be cut to the south to divert flows from Toynton St Peter away from the flooded property. Witham 4th Internal Drainage Board is considering a scheme. However, this is likely to be a low priority due to the cost, legal issues and minimal benefits.	Witham 4th IDB - Yes  LCC - Yes	Witham 4th IDB considering a capital scheme submission with possible upgrading/realigning of drains in the area. Investigation works programmed for 2016/17/18. Possible works 2018/20.	Yes	Witham 4th IDB	On-going	Investigation 2016/17/18 Possible works 2018/19/20	S19-010
9 June 2014	Skegness North Parade	Intense summer rainfall caused internal flooding to the hotel. Surface water entered the building via the ladies toilets.  <b>1 Property</b>	1	Completed	AW to investigate the capacity of the surface water system. The property owners should investigate whether they have sufficient drainage within their land to accommodate the normal flows expected.	LCC - Yes  Anglian Water - Yes	Further investigations to be carried out by AW and recommendations advised to property owners.	No	AW	On-going	Spring 2015	S19-101
24 June 2014	Skegness Sunningdale Close	Following torrential rain, the highway drains were unable to cope with the amount of surface water on the carriageway. The flood water entered the property.  <b>2 Properties</b>	2	Completed	AW to investigate the capacity of the surface water system. The property owners should consider installing cut off drains to collect water before it enters the property and ensure discharge to an appropriate location, or consider other property level protection measures.	LCC - Yes  Anglian Water - Yes	Further investigations to be carried out by AW, IDB & EA to establish outfall.	No	AW IDB EA	On-going	Spring 2015	S19-098
24 June 2014	Skegness Sunningdale Drive	Following torrential rain, the highway drains were unable to cope with the amount of surface water on the carriageway. The flood water entered the property, whilst the owners were away on holiday. The property also flooded on 13 July 2014.  <b>1 Property</b>	1	Completed	Following investigations carried out by AW in 2012, third party obstructions were identified at several locations within the system. Three of these were resolved in 2013 and a further drainage survey was carried out. AW to carry out further investigations.	LCC - Yes	Further investigations to be carried out by AW, IDB & EA to establish outfall.	No	AW IDB EA	On-going	Spring 2015	S19-099
24 June 2014	Skegness Grand Parade	Following torrential rain, the highway drains were unable to cope with the amount of surface water on the carriageway and a property was flooded.  <b>1 Commercial Property</b>	1	Completed	AW to investigate the capacity of the surface water system. ELDC should consider investigating whether it has sufficient drainage within its land to accommodate the normal flows expected.	LCC - Yes	Further investigations to be carried out by AW & ELDC	No	AW ELDC	On-going	Spring 2015	S19-100
8 August 2014	Wainfleet All Saints Bethlem Crescent	Intense rainfall that fell over a short period of time caused internal flooding to one property.  <b>2 Properties</b>	2	Completed	AW should consider investigating the surface water drainage system within the local area to determine if there is sufficient capacity to drain the local area to 1 in 30 year standard	LCC - Yes  Anglian Water - Yes	Further investigations to be carried out by AW	No	AW	On-going	Summer 2015	S19-118

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Date of Incident	Town / Locality	Description of Flooding	No of Properties Flooded	Investigation Status	S19 Report Recommendations / Conclusions	Risk Management Authorities with Responsibilities and whether they are exercising functions	Proposed Action/Works	Consideration for inclusion in future Common Works Programme	Promoter	Works Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference
10 August 2014	Chapel St. Leonards South Road	Highway surface water entered the property through the vehicular access and flooded the driveway and then entered the living area of the dwelling.  <b>Property flooded again on 27/8/2016 - (REPORT AND WORKS STILL ON-GOING)</b>  <b>1 Property</b>	1	Completed	Due to capacity issues the gully cleansing and jetting is unlikely to resolve the problem during extreme rainfall, as the quantity of surface water would overwhelm any standard drainage system. However this will hopefully ease the extent of flooding and be effective during heavy / average rainfall, together with the solutions installed by the residents.  LCC Highways to arrange a CCTV drainage survey to identify any blockages or defects within the system. Assuming the drainage system is in good working order, the most likely solution to ease the problems of flooding will be to increase the upstand of the dropped kerb to +25mm and install an additional gully at the lowest point (determined by level survey), and connect to the existing surface water drainage system. This will be carried out as a small highways maintenance scheme.	LCC - Yes	CCTV drainage investigation to be carried out in due course. Along with the installation of an additional gully and increasing the upstand of the vehicular access to +25mm. Order in system programmed for 2018/19.	No	LCC	On-going	March 2019	S19-125
10 June 2016	Binbrook Orford Road	An issue of flooding where surface water run-off is travelling down the slope of the road at such a velocity that it is bypassing the drains/gullies and flooding internally.  <b>1 Property</b>	1	On-going	Awaiting report, expecting October 2017		Awaiting report, potential scheme being prepared. Expected July 2017.			On-going		S19-177
27 August 2016	Chapel St Leonards The Esplanade	LPP used to remove large amount of water.  <b>2 Properties</b>	2	On-going			TBC			On-going		S19-195
27 August 2016	Chapel St Leonards St Leonards Drive	Main pump used  <b>1 Property</b>	1	On-going			TBC			On-going		S19-196

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Lincolnshire County Council Section 19 Investigations - West Lindsey District Council & City of Lincoln Council Network Area - Area Highways Manager Steve Wiles (North)												
Date of Incident	Town / Locality	Description of Flooding	No of Properties Flooded	Investigation Status	S19 Report Recommendations / Conclusions	Risk Management Authorities with Responsibilities and whether they are exercising functions	Proposed Action/Works	Consideration for inclusion in future Common Works Programme	Promoter	Works Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference
28 June 2012	Keelby Maple Avenue, Pelham Crescent, Riby Road	Flooding was caused by surcharging surface water sewers combined with overland flows.  <b>4 Properties</b>  <b>Maple Avenue - 2 Properties</b> <b>Pelham Crescent - 1 Property</b> <b>Riby Road - 1 Property</b>	4	Completed	Further detailed study required into the ownership, condition and capacity of the surface water sewer system with a view to providing a new pipe system to intercept flows from the A18 Barton Street; to reduce flows entering the village, and to upgrade the pipe between Riby Road and Caddle Beck. Further LCC investigation and design required. Scheme bid submitted for feasibility and works.	LCC - Yes Anglian Water - Yes	Surface water drainage scheme under consideration. Further LCC investigation and design required. Feasibility 2016/17 Work 2018/19.  Some A18 cut-off remedial work has been identified to have some mitigation benefit.	Yes (may also require Anglian Water investment)	LCC AW	On-going	Investigation & Feasibility 2016/17 Possible works 2018/19. Potential Grant In Aid scheme.	S19-032
28 June 2012	Keelby Eastfield Road	Surface water sewer overwhelmed due to its connection to a blocked riparian drain.  <b>3 Properties</b>	3	Completed	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.	Anglian Water - Yes North East Lincs IDB - Yes LCC - Yes	All risk management partners have completed their actions and responsibilities.	No	AW NELIDB LCC	On-going	Investigation & Feasibility 2016/17 Possible works 2018/19. Potential Grant In Aid scheme.	S19-033
9 June 2014	Gainsborough Caldicott Drive Darwin Street Elsham Walk Hill Crescent Limber Close Marshalls Yard Priory Close Rectory Avenue Silver Street Spring Gardens Tower Street Trinity Street Long Wood Road	Over a period of 60 minutes during the afternoon 43.4mm of rain fell in Gainsborough, of which 35.6mm fell in 30 minutes (a return period of 227 years). The surface water drains and combined sewer systems were unable to cope with the intense rainfall, the various systems consequently surcharging and the resulting surface water runoff entering properties. In all around 53 properties were flooded internally.  <b>53 Properties</b>  <b>Caldicott Drive - 1 Property</b> <b>Darwin Street - 1 Property</b> <b>Elsham Walk - 16 Properties</b> <b>Hill Crescent - 1 Property</b> <b>Limber Close - 13 Properties</b> <b>Marshalls Yard - 9 Properties</b> <b>Priory Close - 1 Property</b> <b>Rectory Avenue - 1 Property</b> <b>Silver Street - 1 Property</b> <b>Spring Gardens - 1 Property</b> <b>Tower Street - 2 Properties</b> <b>Trinity Street - 3 Properties</b> <b>Longwood Road - 2 Properties</b>	53	Completed	1. That all RMA's inspect their respective infrastructure and take any necessary steps to ensure it is working as well as possible.  2. Advice be made available to victims of flooding with regard to resistance measures which might be appropriate, for example air brick covers and flood gates.  3. LCC consider improvements to the highway surface water drainage where this will offer resistance to flooding from surface runoff.  4. That the LLFA investigate the feasibility of overland flood routes to manage the risk of flooding from surface water	LCC - Yes WLDC - Yes Severn Trent Water - Yes	Consider for inclusion in Medium Term Plan. Feasibility study 2019/20.	No		On-going		S19-115
14 September 2015	Lincoln Percy Street	Customer rang to report that during Monday evenings heavy rainfall their house was flooded due to blocked drains at the bottom of the road. Customer has had to have all the carpets ripped up and the back garden was under approx 2 feet of water.  <b>1 Property</b>	1	Completed	To clean and jet through all sewer connections and ensure the drainage system is running clear	LCC - Yes AW - Yes	LCC to clean and jet gullies and connections	No	LCC AW	On-going	End 2015	S19-132
15 June 2016	Cherry Willingham Ancaster Close	Flooding into the property due to drainage, water in customers house.  <b>1 Property</b>	1	On-going	Awaiting report		Awaiting report			On-going		S19-164
15 June 2016	Cherry Willingham St Hughs Close	Cherry Willingham – pumping water from Close and flooded conservatory.  <b>1 Property</b>	1	On-going	Awaiting report		Awaiting report			On-going		S19-175
19 May 2017	Lincoln Frederick Street	Kitchen is flooded with clear water that may be coming from the rain? Water entered from below ground level. They have inspected their own pipework and have found no leaks.  <b>1 Property</b>	1	Completed						On-going		S19-188
9th August 2017	Scotter Eminson Close	Caller reported this before and extra drainage was added BUT the house is flooded at present. Fire brigade were pumping out garage and hallway after midnight this morning. Caller is very concerned about further flooding and asks that someone call her back today please as the drainage improvements are not enough. Caller refers to new properties being built taking surface drainage potential away.  <b>1 Property</b>	1	On-going	Awaiting report		Awaiting report			On-going		

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Lincolnshire County Council Section 19 Investigations - North Kesteven District Council & South Kesteven District Council Network Area - Area Highways Rowan Smith (West)												
Date of Incident	Town / Locality	Description of Flooding	No of Properties Flooded	Investigation Status	S19 Report Recommendations / Conclusions	Risk Management Authorities with Responsibilities and whether they are exercising functions	Proposed Action/Works	Consideration for inclusion in future Common Works Programme	Promoter	Works Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference
28 June 2012	<b>Belton</b> A607	Surface water from public highway and adjacent private land flowing onto properties. <b>2 Properties</b>	2	Completed	Upper Witham Internal Drainage Board has carried out enforcement on riparian owner for watercourse improvements. LCC Highways is designing improvements to the drainage system.	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b> Environment Agency - <b>Yes</b> SKDC - <b>Yes</b>	New drainage system/dyke renewal (seeking funding). Improvement work designed and due to be built summer 2014. Initial works have started within the private grounds, however, highway work has been delayed due to listed building status of a drystone wall. Original solution could not be built - new solution being considered. Trash screen has been installed.	No	LCC	On-going	Works have commenced; estimated completion Summer 2015.	S19-042
28 June 2012	<b>Carlton Scroop</b> Main Street	Surface water run-off from private land running onto highway and entering front of cottage. <b>1 Property</b>	1	Completed	IDB undertaking enforcement, further LCC investigation to be carried out.	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b>	IDB undertaking enforcement. Further LCC investigation to be carried out. System jetted, and requires new manhole but will not be placed until other issues have been resolved.	No	LCC	On-going	Outstanding works due to be completed Summer 2015.	S19-043
28 June 2012	<b>Digby</b> North Street	Overland flow from field into private properties, also blocked culvert/watercourse on school playing field.	Unconfirmed	Completed	LCC, Witham First IDB and the Environment Agency are to undertake local maintenance and are considering improvement works following consultation with the Parish Council. A bid for an overall flood risk study for Digby has been submitted for feasibility, design and works.	LCC - <b>Yes</b> Witham 1st IDB - <b>Yes</b>	Local maintenance work carried out by LCC, IDB & Landowner and residents on Green Dykes and North Street. Wider improvement scheme under consideration. Feasibility and Design 2016/17. Possible works 2017/18.	Yes	LCC Witham 1st IDB EA	On-going	Feasibility and Design 2016/17 Possible works 2017/18	S19-048
28 June 2012	<b>Digby</b> Beck Street	Overtopping of Digby Beck (Main River) and capacity issues on the foul sewer.	Unconfirmed	Completed	LCC, Witham First IDB and the Environment Agency are to undertake local maintenance and are considering improvement works following consultation with the Parish Council. A bid for an overall flood risk study for Digby has been submitted for feasibility, design and works.	Environment Agency - <b>Yes</b> Anglian Water - <b>Yes</b> LCC - <b>Yes</b>	Local maintenance work carried out by LCC, IDB & Landowner and residents on Green Dykes and North Street. Wider improvement scheme under consideration. Feasibility and Design 2016/17. Possible works 2017/18.	Yes	LCC Witham 1st IDB EA	On-going	Feasibility and Design 2016/17 Possible works 2017/18	S19-049
28 June 2012	<b>Digby</b> The Hum	Overtopping of IDB drain (Digby Beck North Branch) and riparian watercourse. Suspected failure of Anglian Water foul pumping station.	Unconfirmed	Completed	LCC, Witham First IDB and the Environment Agency are to undertake local maintenance and are considering improvement works following consultation with the Parish Council. A bid for an overall flood risk study for Digby has been submitted for feasibility, design and works.	Witham 1st IDB - <b>Yes</b> Anglian Water - <b>Yes</b>	Local maintenance work carried out by LCC, IDB & Landowner and residents on Green Dykes and North Street. Wider improvement scheme under consideration. Feasibility and Design 2016/17. Possible works 2017/18.	Yes	LCC Witham 1st IDB EA	On-going	Feasibility and Design 2016/17 Possible works 2017/18	S19-050
28 June 2012	<b>Sleaford</b> Southgate	Surface water from public highway and private land flowing into properties through front and rear entrances. <b>2 Properties</b>	2	Completed	LCC to advise properties on self help measures relating to flood resilience. Anglian Water to investigate capacity of combined system.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC have cleaned all ACCO drains and all working OK. Awaiting AW investigation to check capacity issues.	No	LCC AW	On-going	Summer 2017	S19-053
28 June 2012	<b>Thorpe Tilney Village</b> Sleaford Road	Surcharging of open watercourses and assumed restrictions within culverted sections. Surcharge of public surface and foul water systems. <b>1 Property</b>	1	Completed	Improvement works on watercourse undertaken November 2012. Ongoing LCC investigations, further excavations to commence to provide access for CCTV survey, also minor kerbing improvements and works issued. A meeting has been held with the Parish Council/Flood Group/National Flood Forum. A bid for an overall study for Timberland has been submitted for feasibility, design and works.	Witham 1st IDB - <b>Yes</b> LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Wider scheme Feasibility and Design 2017/18. Possible works 2019/20. LCC to carryout regular monitoring.	Yes	LCC	On-going	Feasibility 2017/18 Possible works 2019/20	S19-054
6 July 2012	<b>Swaton</b> West End	Overland surface water flowing through private land. Separate case of overtopping of Swaton Eau flooding carriageway and property basement. <b>2 Properties</b>	2	Completed	The Environment Agency has completed its hydraulic modelling works. Black Sluice Internal Drainage Board has previously bid for an improvement scheme. Environment Agency / LCC have been asked to assist with scheme promotion.	Environment Agency - <b>Yes</b> Black Sluice IDB - <b>Yes</b> LCC - <b>Yes</b>	EA progressing a Natural Flood Management R&D project to reduce frequency of flooding to Swaton, and possibly Threackingham and Spanby	Yes	LCC EA Black Sluice IDB	On-going	EA Feasibility Study 2017/18 Possible works 2018/19	S19-056
6 July 2012	<b>Harlaxton</b> High Street	Current drainage system has insufficient capacity and backed up causing flooding to the carriageway and 2 properties. <b>1 Property</b>	1	Completed	Following detailed investigation, joint work between LCC and Upper Witham IDB has been completed. Investigation to Mow Beck required to understand overall flood risk.	LCC - <b>Yes</b> Upper Witham IDB - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC surface water scheme completed and EA to investigate Mow Beck watercourse downstream.	Yes	LCC EA	On-going	Summer 2015	S19-060
6 July 2012	<b>Burton Pedwardine</b> White Cross Lane	Surface water surcharge from private open watercourse to the east. <b>2 Properties</b>	2	Completed	Black Sluice IDB to carry out enforcement. Resident met and awaiting proposals which may be subject to a highway contribution. Awaiting confirmation.	Black Sluice IDB - <b>Yes</b>	Discussions still ongoing between LLFA, IDB and residents. LCC have found and cleaned 2 pipes under road.	No	LCC Black Sluice IDB	On-going	Summer 2015	S19-062

6 August 2012	<b>Caythorpe</b> Gorse Hill Lane	Following an intense period of rain, excess surface water did not drain away fast enough from the gully at the boundary with Kings Hill. This caused surface water to flow across the carriageway and breach the verge and enter the property's driveway, subsequently overtopping the threshold causing internal flooding.  <b>1 Property</b>	1	Completed	The profile of the carriageway may cause excess surface water to miss gullies at the boundary of Kings Hill. The installation of a vehicular access built to the correct specification may also prevent further occurrences of flooding by increasing the kerb height between the carriageway and the property.	LCC - Yes	Further investigations of the surface water system required, possibly aided by development plans for Kings Hill. Level survey and wet weather inspection to be carried out to establish validity of highway drains. Inspections & cleansing carried out and further investigations required.	No	LCC	On-going	Summer 2016	S19-068
21 November 2012	<b>Corby Glen</b> Irnham Road	Overland flow from adjacent farm land.  <b>1 Property</b>	1	Completed	Resilience measures the property owner has taken will reduce the risk of surcharge from the private drain (non-return valve added). Works that have been undertaken by LCC Highways including jetting & CCTV of the system have identified possible improvement works, this would include additional inspection chambers and updating the system. Application for additional funding has been submitted for the installation of inspection chambers and upgrade of the sewer system.	LCC - Yes	Application submitted for funding to add inspection chambers and upgrade sewer system along a short section of Irnham Road.	No	LCC	On-going	End 2015	S19-069
22 May 2014	<b>Bourne</b> Beadhouse Bank	Due to heavy rainfall surface water built up on the unmade road outside the property to an extent where it flowed into the garden to the front door, at which point it entered the property.  <b>1 Property</b>	1	Completed	LCC highways are undertaking a resurfacing scheme of Beadhouse Bank, this will level the road with a cross fall towards the existing tarmac section, water will flow away from the properties towards the existing highway gully. The resident has been recommended to install a kerb line to act as a barrier between the highway and the private property. However, LCC to carry out footway improvements works in the area in 2015.	LCC - Yes	Resurfacing scheme to be undertaken including the construction of a kerb line between the private property and highway to act as a barrier.	No	LCC	On-going	End 2015	S19-080
22 May 2014	<b>Dorrington</b> Main Street	During a period of heavy rainfall this property suffered internal flooding from the lateral sewer beneath the property where water came up through the living room floor. The second event was caused by overland flow where flood water from the garden came in through the rear patio doors.  <b>1 Property</b>	1	Completed	Following investigations it is assumed that saturated land and heavy rainfall caused overland water to flow down the gradient to the property. The lateral sewer located beneath the property was blocked by foreign objects which caused the sewer to burst and push water up through the floor. Anglian Water investigated as to where the excess water came from and suggested that it may have gained access from the foul system through the kitchens open gully's at the rear of the property.  LCC highways are considering installing additional gullies near the property and undertake a survey of the dyke to the rear of the property to determine the outfall on the southern side of the village.  Anglian Water to carry out further investigations into ensuring where possible, the excess surface water does not enter the foul water system.  The Internal Drainage Board has been requested to continue monitoring of the dykes, and take enforcement as necessary.	LCC - Yes Anglian Water - Yes	LCC have installed new gullies near the property. no other updates required.  AW to carryout investigations into the foul sewer system.  IDB to continue the monitoring of the dykes and enforce as required.  Riparian owner to maintain the dykes and ensure they do not restrict their flow.	No	LCC AW IDB	On-going	Summer 2017	S19-084
22 May 2014	<b>Market Deeping</b> Stamford Road	Following heavy rainfall that fell in a short space of time; causing numerous roads and properties in the area to flood. The amount of rain that fell was excessive for the system at optimum capacity.  <b>1 Property</b>	1	Completed	LCC to continue to maintain the surface water system; and consider raising the footway kerbs at the front of the property. However, works to the footway may prove difficult due to conflict with a slope to the footpath away from the building and the existing height of the door threshold and damp proof course levels. Anglian Water to maintain the surface water drainage system.  The property owner to maintain the rainwater systems and consider further drainage to allow the escape of water from the rear 'bund' area which is a natural water collection area.	LCC - Yes Anglian Water - Yes	Consideration by LCC have been made to lift the footpath and Kerb outside the properties to full height, to prevent water overtopping the kerb onto the footway. However there may be issues in doing this. Awaiting report from AW.	No	LCC AW	On-going	End 2015	S19-112
22 May 2014	<b>Deeping St James</b> Horsegate	Following torrential rain, excess water on the carriageway forced water to overtop the footway and enter the properties causing internal flooding to the public house.  <b>1 Properties</b>	1	Completed	LCC to repair blockages in highway surface water system.  Welland & Deepings IDB to clear the identified blockages /diversion in their system and ensure the entry feed in the High Street is closed during weather warnings or during periods of heavy rain to ensure there is capacity for surface water two drain away.  AW to maintain the surface water drainage systems with recommendation that its system diverts into the watercourse on the High Street instead of linking with the WDIDB watercourse.  Resident to consider adding drainage to their exit to the driveway.	LCC - Yes Anglian Water - Yes WDIDB - Yes	Maintenance work to be carried out by LCC.  Property owner advised on preventative measures to protect the property.  AW to clean & jet its system and divert the current system into the watercourse on the high street.  its their entry feed on the High Street is closed during periods of heavy rain.	No	LCC AW WDIDB	Completed	Completed December 2014	S19-105
22 May 2014	<b>Deeping St James</b> Horsegate	Following torrential rain, excess water on the carriageway forced water to overtop the footway and enter the properties causing internal flooding to the residential properties.  <b>3 Properties</b>	3	Completed	LCC to repair blockages in highway surface water system.  AW to maintain the surface water drainage systems with recommendation that its system diverts into the watercourse on the High Street instead of linking with the WDIDB watercourse.  Welland & Deepings IDB to clear the identified blockages /diversion in their system and ensure the entry feed in the High Street is closed during weather warnings or during periods of heavy rain to ensure there is capacity for surface water two drain away.	LCC - Yes Anglian Water - Yes WDIDB - Yes	Maintenance work to be carried out by LCC.  Property owner advised on preventative measures to protect the property.  AW to clean & jet its system and divert the current system into the watercourse on the high street.  its their entry feed on the High Street is closed during periods of heavy rain.	No	LCC AW WDIDB	On-going	End 2015	S19-106

22 May 2014	<b>Market Deeping</b> Market Place	Following torrential rain, there was excess water on the carriageway. The surface water drains were overwhelmed and when vehicles passed through the standing surface water, bow waves forced water to overtop the footway and enter the properties causing internal flooding.  <b>1 Property</b>	1	Completed	LCC to carry out maintenance work on the surface water drainage system.  AW to maintain utility surface drainage systems.  Property owner to maintain the rainwater drainage systems and consider further drainage to allow the escape of water from the low front area.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b> WDIDB - <b>Yes</b>	Maintenance work to be carried out by LCC.  Property owner advised on preventative measures to protect the property.  AW to continue with regular inspections & maintenance.	No	LCC AW	On-going	Summer 2015	S19-107
22 May 2014	<b>Market Deeping</b> Market Place	Following torrential rain that fell in a short period, excess surface water on the carriageway, forced water to overtop the footway by passing vehicles and enter the property causing internal flooding.  <b>1 Property</b>	1	Completed	LCC to carry out maintenance work on the surface water drainage system.  Aw to maintain utility surface drainage systems.  Property owner to maintain the rainwater drainage systems and consider further drainage to allow the escape of water from the low front area.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Maintenance work to be carried out by LCC.  Property owner advised on preventative measures to protect the property.  AW to continue with regular inspections & maintenance.	No	LCC AW	On-going	End 2015	S19-108
20 July 2014	<b>Stamford</b> Water Street	Following a short period of heavy intense rain, surface water from the highway entered the ground floor of the property.  <b>1 Property</b>	1	Completed	LCC to undertake a drainage survey of the system this work has been programmed for 2015	LCC - <b>Yes</b>	carry out a survey of the drainage system Works are programmed during 2015.	No	Due to complete Summer 2015	On-going	End 2015	S19-116
10 August 2014	<b>Stamford</b> Northumberland Avenue	Due to heavy rainfall, and a waterlogged public open space in front of the property; excess groundwater encroached the threshold and entered the property damaging the hallway carpets and flooring.  <b>1 Property</b>	1	Completed	All highway surface water gullies had been cleaned out and jetted prior to the flooding incident, although we have recommended that the system have further investigations carried out in due course. It is believed the Highway surface water system was not the cause of flooding to the property other than the public open space. AW are to survey the site to ascertain whether the combined drainage system is sufficient to accommodate all the downpipe connections from the properties. SKDC to survey the Public Open Space and identify the manhole cover and determine which drainage system it is connected to and if the manhole/catchpit is clear.	LCC - <b>Yes</b> SKDC - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC to carry out CCTV investigations of the highway drainage system. SKDC to carry out investigations of the drainage system within the public open space. AW to ascertain whether the combined drainage system is adequate to serve the properties.	No	LCC SKDC AW	On-going	End 2015	S19-111
24 August 2015	<b>Grantham</b> Coxmoor Close, Cavendish Way	Reports received stated that on 24th August and 14th September 2015 water entered 4 properties, 2 on Cavendish Way and 2 on Coxmoor Close. The incidents were caused by excessive rainfall which lead to the levels of the adjacent Witham Brook to rise substantially with the resultant flood water escaping the banks of the stream and entering several of the nearby properties. The rise in the level of this stream also meant that the surface water sewer that services the roads in the area had nowhere to discharge to and this exacerbated the problems experienced by the residents.  <b>4 Properties</b>  <b>Coxmoor Close - 2 Properties</b> <b>Cavendish Way - 2 Properties</b>	4	Completed	The Witham Brook requires major maintenance works, which will need to be carried out by the EA. A trash screen will also need to be installed by the EA. They also need to investigate the possible construction of a storage lagoon in association with SKDC & LCC.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b> Environment Agency - <b>Yes</b>	EA recently commissioned works to reprofile the channel of the Witham Brook in this area and these works have now been completed. The scheme also included the creation of a berm to increase water storage in the area. LCC investigating the feasibility of a scheme to reduce frequency of surface water flooding from Witham Brook, which would also reduce flooding to the small number of properties at risk of flooding from the main river.		EA	On-going		S19-136
24 August 2015	<b>Westborough</b> Town Street	Water entered rear of property during severe rain fall.  <b>1 Property</b>	1	Completed	Upper Witham IDB is aware of the flood risk issues within the village and have designed a scheme. Currently awaiting funding.	Upper Witham IDB - <b>Yes</b>	Await implementation of IDB drainage scheme.		Upper Witham IDB	On-going		S19-144
24 August 2015	<b>Grantham</b> Bridge End Road	Date of Incident – all on the evening of 24/8/15 (all retrospective enquiries) Source of Report – Lincolnshire Fire & Rescue (F&R) Enquiry code – FL06 Flood Invest Risk to Life/Prop Detail of each report – site was attended by F&R reacting to flooding -  <b>1 Property</b>	1	Completed	Initial investigations M Thornhill letter sent out to resident 14/09/2015. Awaiting confirmation of internal flooding.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Awaiting report	No		On-going		S19-147
4 July 2015	<b>Tallington</b> Bainton Road	The customer informed me that the main cause of flooding is water backing up coming out of the four gullies in front of property. These gullies are LCC, but the LCC system here feeds into a AW surface sewer about 10-15m downstream. Water backs up and comes out of the LCC gullies, I assume from the AW surface sewer and then floods the property. AW have been doing a lot of investigation into this system over the past few months.  <b>1 Property</b>	1	Completed	The gullies are programmed to be cleaned and jetted out to ensure the system is flowing well. Due to the proximity to the level crossing a risk assessment is required to be signed off by Network Rail prior to any works commencing. AW to investigate the sewer system and inspect and service the flood gates at the property to ensure they are fit for purpose.	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	A program of gully cleaning to be carried out shortly, also AW to inspect and service the flood gates at the property that they installed. Additionally the sewer system requires further investigations to be carried out by AW.	No	LCC AW	On-going	Spring 2016	S19-129
15 June 2016	<b>Welbourn</b> Cliff Road	Water is not flowing now but this morning just before caller got up he says there was a heavy downpour. The surface water has entered callers kitchen and living room on the ground floor. The road was surface dressed recently and caller thinks this is possibly the reason why it has entered the property  <b>1 Property</b>	1	On-going	Due to no previous flooding prior to surface dressing it is recommended to lift all the centre kerbs to re-establish a 25mm upstand. In agreement with resident, it is recommended to raise the existing kerbs directly outside footpath to a full 110mm upstand. Dyke also to be unblocked to allow gully to catch surface water and outfall into dyke.	LCC - <b>Yes</b>	Due to no previous flooding prior to surface dressing it is recommended to lift all the centre kerbs to re-establish a 25mm upstand. In agreement with resident, it is recommended to raise the existing kerbs directly outside footpath to a full 110mm upstand. Dyke also to be unblocked to allow gully to catch surface water and outfall into dyke.		LCC	On-going		S19-167

16 June 2016	<b>Potterhanworth</b> Under Railway Bridge on Station Road	Police are requesting a road closure at this location.  <b>Carriageway Flooded</b>	0	Completed	Repeat of previous flooding. Refer to S19-131.		Repeat of previous flooding. Refer to S19-131.			On-going		S19-180
6 July 2012	<b>Billingborough</b> West Road,	The village of Billingborough suffered surface water flooding on West Road and Station Road on the 5 <sup>th</sup> July 2012 and 22 <sup>nd</sup> May 2014. Billingborough Parish Council made Lincolnshire County Council aware of this fact in August 2014, however, Lincolnshire County Council had not received any other reports that two residential properties were internally flooded during the event on 22 May 2014. These internal flood events were not reported to Lincolnshire County Council at the time of the incident.  <b>2 Properties</b>	2	Completed	A part CCTV survey was conducted by Anglian Water in March/April 2015. This had identified bricks missing from the soffit of the brick culvert and mass root ingression into the culvert in a section in Station Road. At the time of writing this report Anglian Water were preparing to carry out excavations in the affect area to repair the culvert and once this was carried out, full jetting of the sytem was to take place and CCTV survey to contine.  Local Lead Flood Authority, Anglian Water and Lincolnshire County Council as Highway Authority to contune liaison and monitoring of the area. Upon publication of the Enviornment Agencies catchment study all risk Management Authorites to consider where appropriate any conclusions or recommendations derived from this study.  LCC have carried out the level survey works to protect the properties and will be complited by 31/03/2017.	LCC - Yes Anglian Water - Yes	Anglian Water were preparing to carry out excavations in the affect area to repair the culvert and once this was carried out, full jetting of the sytem was to take place and Local Lead Flood Authority, Anglian Water and Lincolnshire County Council as Highway Authority to contune liaison and monitoring of the area.  CCTV survey to contine. County Council as the Highway Authority to carry out a full level survey of the road levels to see if any accomadation/adjustment works could take place to reduce the possibility of highway surface water reaching the properties.  AWS are still investigating and are proposed to have completed their surveys and any works required by summer 2017.  Minor works have been carried out by	No	LCC Anglian Water	On-going	Summer 2017	S19-162
22 May 2014	<b>Billingborough</b> West Road, Station Road	The village of Billingborough suffered surface water flooding on West Road and Station Road on the 5 <sup>th</sup> July 2012 and 22 <sup>nd</sup> May 2014. Billingborough Parish Council made Lincolnshire County Council aware of this fact in August 2014, however, Lincolnshire County Council had not received any other reports that two residential properties were internally flooded during the event on 22 May 2014. These internal flood events were not reported to Lincolnshire County Council at the time of the incident.  <b>2 Properties</b>	2	Completed	A part CCTV survey was conducted by Anglian Water in March/April 2015. This had identified bricks missing from the soffit of the brick culvert and mass root ingression into the culvert in a section in Station Road. At the time of writing this report Anglian Water were preparing to carry out excavations in the affect area to repair the culvert and once this was carried out, full jetting of the sytem was to take place and CCTV survey to contine.  Local Lead Flood Authority, Anglian Water and Lincolnshire County Council as Highway Authority to contune liaison and monitoring of the area. Upon publication of the Enviornment Agencies catchment study all risk Management Authorites to consider where appropriate any conclusions or recommendations derived from this study.  LCC have carried out the level survey works to protect the properties and will be complited by 31/03/2017.	LCC - Yes Anglian Water - Yes	Anglian Water were preparing to carry out excavations in the affect area to repair the culvert and once this was carried out, full jetting of the sytem was to take place and Local Lead Flood Authority, Anglian Water and Lincolnshire County Council as Highway Authority to contune liaison and monitoring of the area.  CCTV survey to contine. County Council as the Highway Authority to carry out a full level survey of the road levels to see if any accomadation/adjustment works could take place to reduce the possibility of highway surface water reaching the properties.  AWS are still investigating and are proposed to have completed their surveys and any works required by summer 2017.  Minor works have been carried out by	No	LCC Anglian Water	On-going	Summer 2017	S19-162
24 August 2015	<b>Long Bennington</b> Main Road Vicarage Lane Welbournes Lane Acklands Lane Church Street Orchards Park	The incident appears to be simply one where heavy rain overwhelmed the piped sewer and watercourse systems. The rain could not enter the various systems, found overland routes and settled in the low points. These overland routes were channelled by the fall of the natural ground level, augmented by the new developments and/or householders - increasing hard standing - using soakaways and permeable pavements - undertaking topographical realignment. Some of the village is served by a combined public sewer and this was likewise overwhelmed and caused flooding.  <b>25 Properties</b>  <b>Main Road - 13 Properties</b> <b>Vicarage Lane - 2 Properties</b> <b>Welbournes Lane - 3 Properties</b> <b>Acklands Lane - 1 Property</b> <b>Church Street - 5 Properties</b> <b>Orchard Park - 1 Property</b>	25	Completed	Investigations into conditions of drainage assets have already been carried out by LCC, AW/STW and IDBs, with remedial action taken as appropriate, mainly to do with cleansing.  It is recommended that - there is further investigation undertaken to determine possible overland flow paths and storage areas, - the RMAs continue to repair deficiencies, - watercourses are cleansed and desilted, including those culverted lengths - the planning authority or appropriate authority apply relevant policies when considering how proposals affect groundwater, current exceedance flow routes and potential loss of safe flood storage.	LCC - Yes LLFA - Yes Anglian Water - Yes STW - Yes SKDC - Yes UWIDB - Yes TVIDB - Yes	There is a further investigation undertaken to determine possible overland flow. Paths and storage areas. The RMAs continue to repair deficiencies. Watercourses are cleansed and desilted, including those culverted lengths. Include potential flood alleviation scheme in the Medium Term Plan.	Yes	LCC	On-going	2019/20	S19-137
14 June 2016	<b>Woolsthorpe by Belvoir</b> Sedgebrook Road, Hillside Road	Internal flooding - fire and rescue in attendance with pumps and sandbags distributed by SKDC  <b>6 Properties</b>	6	On-going	Report and investigation being undertaken. Report expected July 2017.					On-going		S19-178
15 June 2016	<b>South Witham</b> Great Close	Caller reports that water entered the property last night at each of the addresses. SKDC supplied sandbags to all of them.  <b>1 Property</b>	1	On-going	Written twice and no reply or evidence apart from the report which was second hand.		Awaiting report.			On-going		S19-173
14 June 2016	<b>Bourne</b> Beech Avenue	Fire & Rescue called, 4 fire engines attended – pump used to remove flood water inside  <b>1 Property</b>	1	Completed	Concusions: the inlet screen of the culvert was blocked by vegetation which could have been a contributing factor to the flood event. There is concern over the 400mm diameter pipe above the two 300mm diameter pipe section. There is also concern over the route of the downstream public sewer system which could be a contributing factor.  A fire brigade attended to pump out the surface water standing in Beech Avene, however the water level only started to drop once an AWS manhole cover was lifted to allow the water to drain into the AWS surface water system, which suggests that the culverted watercourse was blocked upstream during the flood event. The homeowner of the flooded property has taken steps to protect their property.					On-going		S19-170

10 March 2016	<b>Welby</b> Main Street	Pooling water in the wider part of the road close to the pedestrian pathway that is in poor condition and sitting lower than the main section of the road. The rainwater simply runs from the camber into this area and misses the gulleys each side of the front of my property. It tends to sit there for a few days once it has stopped raining. As each winter passes the small section of road further deteriorates. I paid for a pothole to be filled in when having some private tarmac work done in the summer as we were unable to avoid running through it and making it worse.  <b>1 Property</b>	1	Completed	Water did not enter the property and we have since found that this was a AW issue that they have now resolved.  Additional info: Just to point out that the problem is across the full width of the property starting at the bus stop gulley and stretching across to the gulley adjacent to Cottage. Between the 2 roadside verges.	AW - Yes	No further action required		AW	On-going		S19-157
10 June 2016	<b>Bourne</b> North Road	Internal flooding following heavy rainfall. Entered property through air bricks and door threshold.  <b>2 Properties</b>	2	Completed	LCC and AW to consider future works	LCC - Yes AW	LCC and AW to consider future works			On-going		S19-152
16 June 2016	<b>Bourne</b> Spalding Road	Flooding from rain from collapsed drain which has not been repaired. Water has entered Customers kitchen.  <b>1 Property</b>	1	Completed	Maintenance is required of private drainage. Action should be considered to prevent domestic roof water discharging onto the highway.	LCC - Yes AW - Yes	CCTV investigation required. Awaiting report			On-going		S19-168
28 June 2017	<b>Grantham</b> Dudley Road	Water entered into the basement of the property (customers son's bedroom) and constant buckets were required to keep the water under control. Customer advised that gully drains either side of the house are overflowing and that water drain covers outside in the road are 'lifting' under pressure of water.  <b>1 Property</b>	1	On-going	Awaiting report		Awaiting report			On-going		S19-190
14 June 2016	<b>Bourne</b> Edenham Road	The home owner reported to have surface water run-off coming from the highway, internally flooding the property via the dining room patio doors and under the floor. The highway is drained by an open ditch and a surface water pipe which runs under the highway. The open ditch located parallel to the A151 opposite the property is allegedly often blocked with debris and it is unknown who owns the surface water pipe. Due to insufficient drainage on the highway the water is gathering at a low point opposite the property, passing vehicles are then causing the surface water to flow over the verge and into the property as it is located on a slope.  <b>1 Property</b>	1	Completed	Conclusions - The cause of flooding appears to be a combination of a number of inadequacies in the existing drainage arrangements. 1: a lack of ownership and/or maintenance of both the open watercourse and culvert below the A151. 2: Possible capacity issues with the culvert below the A151. 3: Possible capacity issues with the riparian culverted watercourse draining surface water through Pond Farm. 4: Standing water on the carriageway overflows onto the lower lying Pond Farm during significant storm events, the situation exacerbated by vehicles passing through the flooded carriageway.					On-going		S19-194

Appendix A												
Duty to Investigate												
Section 19 Investigations												
Lincolnshire County Council Section 19 Investigations - Boston Borough Council & South Holland District Council Network Area - Area Highways Andy Wharff (South)												
Date of Incident	Town / Locality	Description of Flooding	No of Properties Flooded	Investigation Status	S19 Report Recommendations / Conclusions	Risk Management Authorities with Responsibilities and whether they are exercising functions	Proposed Action/Works	Consideration for inclusion in future Common Works Programme	Promoter	Works Status	Estimated Timescales Recommendation / Scheme Completion	S19 Report File Reference
28 June 2012	New Bollingbrooke Station Row	Extreme rainfall (estimated to be a 1 in 40 year event) caused highway surface water flows to collect in the low area of Main Road/Station Row overwhelming the highway drainage system in the footway.  <b>7 Properties</b>	7	Completed	LCC has investigated the drainage and found blockages/damage due to buildings and tree roots. A solution to rectify the damage is being designed and costed.	LCC - Yes	Dropped kerbs outside the post office replaced with full height kerbs. Drainage system found to be damaged by buildings/trees and a new outfall is required. Solution being designed and costed.	No	LCC	On-going	2014 - 2016	S19-007
6 July 2012	Donington Quadring Road	The footway along the front of the property is lower than the carriageway and has its own series of gullies. The carriageway is served by gullies and drained separately. The Highway Authority (LCC) has no records of the carriageway or footway drainage piped system in this area.  <b>1 Property</b>	1	Completed		LCC - Yes			LCC	On-going		S19-039
20 July 2014	Swineshead Market Place	Flooding to the business occurred following a heavy downpour. The business suffered internal flooding due to surface water runoff from the carriageway entering the car park and subsequently entering the property.  <b>1 Commercial Property</b>	1	Completed	The entire drainage system has been jetted and cleaned; a new connection from both of the alleys is programmed. The drainage system requires a new chamber and new connections to the highway drainage system in the carriageway. The adjacent property owner has an irregular outfall into the alley way; he has been notified to find an alternative way to discharge surface water from the property. Additionally, the low spots in the alley way that allows surface water to flow from the highway around the back of the public house will require modifying to provide a water check to prevent this re-occurring. All works required will be programmed for 2015.	LCC - Yes	New connections, chamber pots and minor highway alterations are currently in the works programme for next financial year.	No	LCC	On-going	Summer 2015	S19-103
20 July 2014	Crowland Chapel Street	The road gully outside the property was unable to cope with the excessive amount of rainfall which resulted in surface water entering into the property, causing damage to the dining room and lounge.  <b>1 Property</b>	1	Completed	The drainage system has been jetted; and indicated a possible blockage within the system. Excavations have been carried out and no blockage was detected within the drainage system. Since the reported incident there has been further heavy prolonged downpours within the area with no repeat of the previous flooding incident in July. It has been concluded that the current system is slow running and the surface water was exasperated due to the excessive amount of roof water flowing onto the highway from the property opposite. Further investigations will be carried out in due course.	LCC - Yes	Further Drainage Investigations to be carried out in due course. An enforcement letter has been sent to the property opposite which is discharging water onto the highway.  Meeting with owner of property opposite to identify any amendments which may be required to their roof water dispersal system. Preliminary designs, undertaken for proposed alterations to LCC Surface Water drainage.  Scheme in programme for 2017/18. Bid submitted for assistance from Floods and Water as this is not maintenance.	No	LCC	On-going	8 July 1905	S19-113
17 June 2016	Spalding Stonegate	Customer states that this is the 5th time the properties have flooded since November 2011. The customer states that the drainage system is too old and cannot take the rain in exceptional rain. They say the drains are not man enough and the fire brigade has also said this. Customer states that the properties were flooded yesterday 16/06 in the evening and the fire brigade attended. Customer states that if it rains again the properties will once again get flooded. The customer states that the current drains need cleaning out and the whole system needs replacing with a better more modern system.  <b>4 Properties</b>	4	On-going	The highway drainage system has been jetted and there are no blockages. It may be a capacity issue? Awaiting report- expecting completion date end of October 2017.		CCTV survey required.			On-going		S19-171
10 June 2016	Spalding Little London	Flooding incident on 10/06/16. Third such incident in 3 years. Flood water was up to 5" deep within the property. AWA have attended and state it is a result of surface water. They previously accepted responsibility when their own main drain was blocked. Other properties known to be effected but could be whole strip of houses.  <b>1 Property</b>	1	Completed	Report conclusions: the drainage investigation revealed multiple deficiencies in the drainage network which mainly involve riparian and highway authority responsibilities.		CCTV survey required.			On-going		S19-174
16 June 2016	Kirton Penny Gardens	Water has started to enter properties after persistent rain for most of the afternoon. Customer believes that this is due to a blocked gully.  <b>1 Property</b>	1	Completed	There are issues with the surface water disposal system. The gullies on Penny Gardens are cleansed by the highway authority but there appears to be no record of any authority accepting maintenance responsibility for the connecting pipework.  The culvert on the line of historical watercourses appears to have been damaged by utilities where it crosses the Willington Road.  Water appears to have problems in discharging to the watercourse due to the outfall condition and the system being silted.	BBC AW BSIDB LCC	Awaiting report CCTV required			On-going		S19-169

16 June 2016	<b>Kirton</b> Station Road	Flooding from rainfall and blocked drain. <b>3 Property</b>	3	Completed	There appears to be a system in The Green, outside the Codfather, Curry King and the War Memorial but the gully system has been crushed, it contains a high level of siltation, and is filled with congealed fat. The culvert is full of silt and appears not to discharge anywhere. The brick arch pipework appears to be a culverted watercourse but its route is unknown. There are no surface water sewer systems in the area, some of the properties may discharge surface water into the foul public sewer system, which is believed to be a combining system. A bung was located in the pipe upstream south of the manhole in front of the Codfather however it is unlikely this had a major effect on the system.	BBC AW BSIDB LCC	Awaiting report CCTV required			On-going		S19-169
16 June 2016	<b>Kirton</b> Green Lane	It is likely that the property may have been inundated as a consequence of the extreme nature of the event but the severity of the flooding may not have been so severe, and a lower degree of ponding noted, if the system in the Hardwick Estate surface water system was operating efficiently, but the intensity of the rainfall and the property's location were probably major factors. <b>1 Property</b>	1	On-going	Only one property was internally flooded on the Hardwick Estate, but there were reports of excessive standing water in locations where those piped sewerage systems that were constructed to serve the development do not appear to have been adopted or maintained by any public authority, nor by the housing authority.  The watercourse into which the system appears to discharge appears to be heavily silted	TBC	TBC			On-going		S19-169
27 June 2016	<b>Freiston</b> Oak House Lane	Customer states that the rain flows down the road and into the shop. The customer has requested the fire brigade attend last year and they had to pump the shop out. The shop flooded again yesterday 26/06/16 and they managed to clear it themselves with a lot of work and help. The customer states there was a new drain put in, but this is doing nothing to alleviate the situation. <b>1 Property</b>	1	On-going	Awaiting report		Awaiting report			On-going		S19-181
23 to 27 June 2016 25 to 28 August 2016	<b>Spalding</b> Cathedral Drive	Customer states that water from the road floods his front and then back garden and has entered his property in the hall. He said that it also happened 2 months ago and that both his neighbours have the same issue. <b>1 Property</b>	1	Complete	When the system was cleaned out in April 2016 there were no issues with the gullies so it is more likely to be a problem with the outfall. This site is on the jetting programme. Report expected completion date end October 2017.		Investigations on-going. Awaiting report CCTV required.			On-going		S19-184
25 June 2016	<b>Spalding</b> Woolram Wygate	Contacted by a building consultant who is investigating an insurance claim regarding surface water flooding at this property. The lounge of the property flooded on two occasions 25th June and 28th August 2016 during intense rainfall and water drains quickly once rainfall stops. <b>1 Property</b>	1	Completed	To be raised at the local Flood and Drainage Risk Management Group.	Inconclusive as the owner of the drainage assets is unknown at this stage.	To be raised at the local Flood and Drainage Risk Management Group			On-going		S19-182
16 June 2016	<b>Low Fulney, Spalding</b> Mallard Road Weston Hills Road	After the recent heavy rainfall, surface water ran off the road & possibly surrounding land and flooded these properties. This is a private road and there is very little positive drainage. 3 of these properties (No 9, 11 & 13 Mallard Road) flooded again on 27 August 2016. <b>7 Residential Properties</b> <b>1 Commercial Property</b> <b>Mallard Road - 7 Properties</b> <b>Weston Hills Road - 1 Property</b>	8	Completed	Drainage recommendations: the drainage relies on riparian watercourses, steps need to be taken to ensure that the watercourses are returned to a serviceable standard.					On-going	1 May 2017	S19-185
27 August 2016	<b>Frampton</b> Middlegate Road	Water entered dining room. <b>1 Property</b>	1	On-going	Division asked TSP to investigate. Report expected completion date October 2017.		Awaiting report CCTV investigation required.			On-going		S19-183
28 June 2017	<b>Kirton</b> London Road	Water came off the highway into neighbours drive and garden which then travelled to customers property. Water is getting into the air bricks and damaging the wallpaper and flooring. <b>1 Property</b>	1	Completed	The property reportedly flooded on 16 June 2016 also.  The report concluded that - the property was flooded by a less than extreme rainfall event. - The soakaways serving the properties were unable to deal with the flow. - The highway drainage system is unable to fully serve the highway and there is no single discharge system. - There is a culverted watercourse on both sides of London Road, which along with other riparian controlled watercourses do not appear to benefit from maintenance.	TBC				On-going		S19-189
20 July 2017	<b>Tydd St Mary</b> Church Way	Water entered the kitchen of the property through the brickwork. The customer believed there was 2-3 inches of water which was caused by heavy rainfall/porous brickwork. The customer states that the footway cambers away from the road where the drains are and instead cambers towards the property. <b>1 Property</b>	1	On-going	Awaiting report - expected completion date end December 2017.		Awaiting report			On-going		S19-191

TBC (Could be 10/6/2016)	Spalding Coronation Avenue	<p>Reported to LCC on 8 June 2017</p> <p><b>1st Property:</b> The water came up through the floor between my house and next door that are joined together. It flooded in the customers kitchen where the cooker is and cupboards, all underneath the cupboards was wet, the water came in both sides of my fireplace and flooded each side and because the drains could not hack the amount of water that poured down it started to come through my back door as well as my front, we could not step outside without getting wet through.</p> <p><b>2nd Property:</b> Parts of the property flooded - living room, kitchen, hall, all down stairs</p> <p><b>3rd Property:</b> Area flooded - living room and front door leading to stairway. Customer believes the reason for flooding is it rained hard for 2 hours on June 10th. The sewerage pump couldn't take the water off the homes roofs. Pushed inspection cover off. The drains in the avenue are all blocked. The avenue is 18 inches higher at the top than the bottom. With the drains being blocked all the water runs</p>	3	On-going	Awaiting report		Awaiting report			On-going	S19-138
27 December 2017	Spalding Little London	<p>Flooding outside the property resulted in water entering the property and causing wet carpets. Water entered the property again on the 29th December 2017.</p> <p><b>1 Property</b></p>	1	On-going		LCC	Raise Kerbs, Cleanse the system, Consider additional carriageway drainage	No	LCC	On-going	S19-197

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