

Lincolnshire County Council Section 19 Investigations.									
Date	Location	Town	Customer Service Reference Number	Division	Contact Officer	Description of Flooding	No of Properties Internally Flooded	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations
06-Jul-12	High Street	Burgh Le Marsh		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Overland and highway surface water flows entering low lying property due to suspected lack of capacity and defects in the surrounding highway drainage system, despite previous kerbing works aimed to mitigate problem.	1	LCC - Yes	LCC have investigated the surface water system and identified damage caused by utility activity. LCC will enforce repair once utility has been identified. In addition, LCC have liaised with residents, issued an order to raise the kerbs, regrade the footway and install a new surface water sewer/highway drain with outfall into catchwater drain, in order to provide additional protection.
28-Jun-12	East Street and Stanhope Road Area	Homcastle		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of East Street and Stanhope Road. The extreme rainfall overwhelmed the highway drainage system which was also suffering from surcharged outfalls due to high river levels.	2	LCC - Yes	LCC have undertaken a CCTV survey of the highway drainage system in the area which has identified some minor defects and obstructions which will be addressed. LCC have also undertaken initial modelling work to help understand and assess the surface water flood risk in Homcastle. A further meeting with Anglian Water is to be arranged, and a bid for an overall surface water study for Homcastle is being submitted by LCC.
28-Jun-12	West Street	Homcastle		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from adjacent school field, hillside and Lincoln Road. The surface water collected at the bottom of the hill causing flooding to the Grammar School and adjacent properties in West Street.	3	LCC - Yes Anglian Water - Yes	LCC have undertaken a check of the highway drainage system in West Street and have cleaned out a number of gullies and removed the blockages. LCC have also undertaken initial modelling work to help understand and assess surface water flood risk in Homcastle. A bid for an overall surface water study for Homcastle is being submitted by LCC.
28-Jun-12	South Street and Bull Ring	Homcastle		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused overland and highway surface water flows to collect at the low area of the Bull Ring and South Street overwhelming the Anglian Water sewer systems, which were also suffering from surcharged outfalls due to high river levels.	3	Anglian Water - Yes LCC - Yes	Whilst the flooding was caused by extreme rainfall and overland flows, LCC have 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 have in addition carried out repairs to gullies and connections in South Street. LCC have also undertaken initial modelling work to help understand and assess surface water flood risk in Homcastle. A bid for an overall surface water study for Homcastle 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 issues.

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28-Jun-12	Langton Hill	Horncastle		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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.	3	LCC - Yes Anglian Water - Yes Witham 3rd IDB - Yes	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 and Anglian Water have completed works to clear blockages and repair damaged sections.
28-Jun-12	Mark Avenue, Accommodation Road and Prospect Street	Horncastle		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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.	14	Anglian Water - Yes Witham 3rd IDB - Yes East Lindsey District Council Yes	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 have also undertaken initial modelling work to help understand and assess surface water flood risk in Horncastle. Ditches have been 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.

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28-Jun-12	Bowl Alley Lane	Homcastle		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall (estimated to be a 1 in 50 year event) caused significant overland flows from the adjacent school field and Bowl Alley Lane. The surface water collected at the lowest point causing flooding to the adjacent properties in Bowl Alley Lane.	3	Anglian Water - <b>Yes</b> LCC - <b>Yes</b>	Whilst the flooding was caused by extreme rainfall and overland flows, LCC have undertaken a CCTV survey of the underground surface water systems. This has revealed a number of condition concerns in relation to the system owned by Anglian Water. The report has been passed to Anglian Water in order that they consider future action and repairs. In addition, LCC is planning to install additional drainage protection features in front of the affected properties, and is in discussion with the school with respect to intercepting flows from the school car park. A bid for an overall surface water study for Homcastle is being submitted by LCC. Anglian Water are awaiting the new financial year to see if funding is available to resolve their issues.
28-Jun-12	Main Road/Station Row	New Bollingbrooke		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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.	7	LCC - <b>Yes</b>	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.
28-Jun-12	Homcastle Road adjacent old railway line	Roughton Moor		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Metalling works to the Spa Trail has affected the natural overland flow routes. This has caused surface water to be trapped on the south side of the trail, which has caused flooding to one property.	1	LCC - <b>Yes</b>	A temporary relief trench has been cut and boarded. LCC is designing a solution as the Spa Trail upgrade has affected the natural overland flow route.
19-Jul-12	Lumley Avenue	Skegness		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall caused both highway surface water and overland flows to funnel down the unadopted lane and collect in the low area behind the properties of Lumley Avenue.	2	LCC - <b>Yes</b>	LCC has installed two new gullies to cut off the discharge from the highway onto the private road. Owners of the private road will need to consider a drainage system within the unadopted lane.
28-Jun-12	Sunningdale Close	Skegness		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Extreme rainfall caused highway surface water flows to bypass kerb gullies and collect in the low area of Sunningdale Close. Overland flows from the rear of the houses also contributed to the flooding.	4	LCC - <b>Yes</b> Anglian Water - <b>Yes</b> East Lindsey District Council <b>Yes</b>	East Lindsey District Council have installed new gullies and connections which discharge into the Anglian Water surface water system (the capacity of which has been checked and found to be acceptable).

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28-Jun-12	Ings Lane	Toynton St Peter		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	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.	1	Witham 4th IDB - Yes LCC - Yes	It is recommended that a new watercourse be cut to the south to divert flows from Toynton St Peter away from the flooded property. Witham 4th Internal Drainage Board is considering a scheme. However, this is likely to be a low priority due to the cost, legal issues and minimal benefits.
28-Jun-12	Albany Road	Woodhall Spa		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Heavy rainfall caused surcharging of the highway drainage system (which flows into Tattershall Road) causing backflow into Albany Road. This together with the flows collected from Albany Road were unable to enter the watercourse crossing Albany Road and the watercourse to the rear of Witham Road (due to a combination of blocked watercourses and partially blocked culvert crossing Albany Road).	5	Witham 3rd IDB - Yes LCC - Yes	Witham 3rd Internal Drainage Board has instructed a developer to clear the ditches; to the rear of Witham Road, and leading to the culvert crossing Albany Road. LCC has cleared the culvert from its outfall to Albany Road and are investigating the short section of culvert under Albany Road with a view to upsizing (feasibility and design in progress). In addition, LCC plan to install a new section of pipe work and gullies outside the affected properties to drain to the culvert. Residents have also cleared the ditch to the south of Albany Road.
29-Jun-12	The Esplanade	Chapel St Leonards		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Surcharging from the highway drainage system due to blockages within the system, root ingress and possible concerns over the number of gullies.	2	LCC - Yes	LCC has investigated the highway drainage system and undertaken a CCTV survey which indicates blockages and root infestation. Gullies and connections have been jetted. Further work is planned to clear roots and blockages within the system, and install additional gullies. The improvement scheme is currently being designed and costed.
28-Jun-12	Fairfield Avenue	Chapel St Leonards		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Surcharging of Anglian Water surface water system due to displaced pipe work, and possible concerns over capacity.	1	Anglian Water - Yes	All works completed.
06-Jul-12	Croft Bank	Croft		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Overland and highway surface water flows entering property access due to low kerb threshold.	1	LCC - Yes	LCC has investigated and undertaken reshaping works to divert flows away from the property access.
06-Jul-12	Mumby Road	Huttoft		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Overland and highway surface water flows entering low lying property due to suspected lack of capacity in the surrounding highway drainage system.	1	LCC - Yes	LCC have investigated the drainage system and placed an order to raise kerbs and install new gullies. LCC is awaiting funding availability prior to carrying out the works.
28-Jun-12	Main Road	Salfleet		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Soil and vegetable matter washing into the channel in front of the property causing blockage to the adjacent gully.	1	LCC - Yes	All works completed.

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29-Jun-12	Pump Lane	Salfleet		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	Overland and highway surface water flows entering low lying property due to collapsed and silted surface water drainage system.	1	East Lindsey District Council Yes	All works completed.
28 Jun 12 6 Jul 12	Riverhead Terrace, Louth	Louth		East	Andy Ratcliffe Area Highways Manager East Division Southern Area	During heavy rainfall (estimated to be a 1 in 60 year event) flooding took place in Riverhead Terrace due to overland flows from adjacent Riverhead development, and flows from the Terrace area being unable to escape.	9	East Lindsey District Council Yes Anglian Water - Yes	Development has taken place to the east and north of Riverhead Terrace, which is partially complete. The new development is significantly higher than the Terrace, and has severed the natural drainage and flow routes from Riverhead Terrace, such that surface water from the Terrace and land to the north is trapped against the new development. The only means of surface water disposal from Riverhead Terrace is now via a combined gravity system with an assisted foul pumping station. The pumping station was installed, subsequent to development, at the east of Riverhead Terrace. It is unlikely that this foul pumping station will have the capacity to deal with surface water flows from Riverhead Terrace and its catchment area.  The new development is to be drained by Anglian Water foul and surface water sewer systems and also involves the culverting of a watercourse which previously drained the land to the north and east of the Terrace. Due to the elevation of the new development the plans included a retaining wall at its junction with Riverhead Terrace. However, this was not constructed at the time of the flooding. In addition a number of planned road gullies at the western end of the development were not installed and others were blocked. This added to the problems in the Terrace by allowing flows from the higher development to cascade down into Riverhead Terrace. Since the summer ELDC have required the developer to complete the retaining wall, install the missing gullies, and clean out the surface water sewer system, which should mitigate the overland flows from the development. However, there remains a significant issue in that the development has severed the natural drainage and flow routes from Riverhead Terrace, such that surface water from the Terrace and land to the north are trapped against the retaining wall and the raised development. East Lindsey District Council has commissioned a study which has commenced. Survey complete and Study undertaken to identify issues and solutions. Anglian Water has undertaken further investigation with potential for a grant aid bid.
10-Jul-12	Laing Close	Bardney		North	Alan Brown Area Highways Manager North Division South Area	Surcharging from foul and surface water sewers due to blockages within the SWS and possible concerns over operation of foul sewer system due to possible downstream pump failure, excessive surface water connectivity to the foul sewer and the effectiveness of the overflow arrangements at the pumping station.	1	Anglian Water-Yes Witham 3rd IDB - Yes	LCC system checked and functioning effectively. Anglian Water has provided resilience measures at a property on Laing Road. Anglian Water to check and repair their systems and investigate the flow carried by the foul system and validate the capacity of the foul sewer, including the operational effectiveness of the foul pumping station and its emergency overflow arrangements. The installation of a flap valve to the surface water sewer outfall at the rear of Batholomew Close should be investigated. Witham 3rd Internal Drainage Board to complete its study into the benefits of upgrading its culvert through the garden of a property on Abbey Road.

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06-Jul-12	Beevor Street	Lincoln		North	Jeanne Gibson Area Highways Manager North Division Lincoln City Area	Internal flooding to an industrial property caused by blockage to private sewer	1	None	Advised company to investigate the blockage and connection of their private sewer. This has now been carried out and has been cleared through to its connection with the Anglian Water system in Beevor Street.
28-Jun-12	Castle Hill	Caistor		North	Steve Wiles Area Highways Manager North Division North Area	Due to 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.	1	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.
28-Jun-12	Maple Avenue, Riby Road and Pelham Crescent	Keelby		North	Steve Wiles Area Highways Manager North Division North Area	Flooding was caused by surcharging surface water sewers combined with overland flows.	4	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	Further detailed study required to 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 due to be submitted for feasibility and works.
28-Jun-12	Eastfield Road	Keelby			Steve Wiles Area Highways Manager North Division North Area	Surface water sewer overwhelmed due to its connection to a blocked riparian drain.	3	Anglian Water - <b>Yes</b> North East Lincs IDB - <b>Yes</b> 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.
28-Jun-12	Brigg Road	Moortown		North	Steve Wiles Area Highways Manager North Division North Area	Extreme rainfall (in the order of a 1 in 200 year event) caused the riparian ditches in front of properties on Brigg Road to overflow causing internal flooding.	1	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.
28-Jun-12	Faldingworth Road	Spreldington		North	Steve Wiles Area Highways Manager North Division North Area	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.	1	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.
06-Jul-12	Quadrang Road	Donington		South	Andy Wharff Area Highways Manager South Division Boston	Following a period of heavy rainfall it is assumed that both footway and carriageway water entered the footway drainage system. The carriageway is significantly higher than the footway and properties on Quadrang Road. There is also the possibility that the combined sewer was overwhelmed.	1	LCC - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC investigations have identified that the Highway drainage does not outfall to the Anglian Water combined sewer. The highway drainage system was compromised some distance from the development. This has now been repaired and a new outfall provided to a nearby Highway Drain.

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06-Jul-12	High Street	Gosberton		South	Andy Wharff Area Highways Manager South Division Boston	Heavy rainfall caused the piped and open dykes within the village to overflow which caused internal flooding.	1	Weiland and Deepings IDB- Yes LCC - Yes	LCC have checked the highway drainage system in the vicinity and found it to be clear. Maintenance to Highway drainage system and riparian ditches and piped drains undertaken.
06-Jul-12	Buttonhole Cottages	Allington		West	Mark Heaton Area Highways Manager West Division Grantham	Overtopping of riparian ditch upstream of recently piped section and surface water run-off from fields and highway.	2	Upper Witham IDB -Yes LCC - Yes	The Upper Witham IDB have undertaken enforcement and cleared the drain. LCC highways have issued an order to provide a new piped highway drainage system.
06-Jul-12	Allington Road (Sedgebrooke village)	Sedgebrooke		West	Mark Heaton Area Highways Manager West Division Grantham	Following an intense period of rain, highway surface water and watercourses overtopping flooding breaching property thresholds.	2	Environment Agency-Yes Upper Witham IDB - Yes Anglian Water - Yes LCC - Yes	Environment Agency have cleared out the Beck, Upper Witham IDB have cleared the riparian ditch and are negotiating with Parish Council to maintain in future. Lincolnshire County Council to install new kerbing fronting properties affected (order placed). Anglian Water to undertake installation of non return flap valves.
06-Jul-12	Casthorpe Road	Barrowby		West	Mark Heaton Area Highways Manager West Division Grantham	Highway surface water and surface water from private property flowing into garage and residential property.	1	LCC - Yes	Lincolnshire County Council are designing improvements to surface water drainage and advising residents on self protection.
June/July 2012	Cottage	Carlton Scoop		West	Mark Heaton Area Highways Manager West Division Grantham	Surface water run-off from private land running onto highway then running from highway and entering front of cottage	1	LCC - Yes Upper Witham IDB - Yes	IDB undertaking enforcement, further LCC investigation to be carried out. System jetted requires new Manhole order will not be placed until other issues have been resolved.
28-Jun-12	Bridge End Road	Grantham		West	Mark Heaton Area Highways Manager West Division Grantham	Highway surface water run-off entering front of property and exiting from the rear due to root obstructions in Anglian Water system	1	LCC - Yes Anglian Water - Yes	Anglian water have undertaken root clearance works.
28 June 12 6 July 12	Avenue Road	Grantham		West	Mark Heaton Area Highways Manager West Division Grantham	Highway surface water run-off entering front of property. Highway SWS backed up due to capacity issues within Anglian Water system	1	LCC - Yes Anglian Water - Yes	Anglian Water scheme completed.
June/July 2012	High Street	Harlaxton		West	Mark Heaton Area Highways Manager West Division Grantham	Current drainage system insufficient capacity and backed up causing flooding to the carriageway and 2 properties	2	LCC - Yes Upper Witham IDB - Yes Anglian Water - Yes	Following detailed investigation a joint scheme between LCC and Upper Witham IDB has been completed. EA to investigate Mow Beck watercourse downstream.
06-Jul-12	Main Road	Long Bennington		West	Mark Heaton Area Highways Manager West Division Grantham	Groundwater flooding through the cellar.	1	LCC - Yes	Resident advised to tank cellar.
06-Jul-12	Tattershall Road	Billinghay		West	Rowan Smith Area Highways Manager West Division Sleaford	Blockage on a private gully which backed up and water entered a property through an external door.	1	LCC - Yes	System jetted and cleared. No evidence of cause of blockage. Now on 3 x per year cleaning and jetting highway drain to outfall.
06-Jul-12	Cottages White Cross Lane / Asgardby Road	Burton Pedwardine		West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water surcharge from private open watercourse to the east.	2	Black Sluice IDB - Yes	Black Sluice IDB to carry out enforcement. Resident met and awaiting proposals which may be subject to a highway contribution. Awaiting Confirmation.
06-Jul-12	North Street	Digby		West	Rowan Smith Area Highways Manager West Division Sleaford	Overland flow from field into private properties, also blocked culvert/watercourse on school playing field.	8	LCC - Yes Witham 1st IDB - Yes	



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06-Jul-12	Beck Street	Digby		West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of Digby Beck (main river) and capacity issues on the foul sewer	2	Environment Agency - <b>Yes</b> Anglian Water - <b>Yes</b> LCC - <b>Yes</b>	LCC, Witham 1st IDB and the Environment Agency are to undertake local maintenance and improvement works following consultation with the Parish Council. A bid for an overall study for Digby has been submitted for feasibility, design and works.
06-Jul-12	The Hum	Digby		West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of IDB drain (Digby Beck North Branch) and riparian watercourse. Suspected failure of Anglian Water foul pumping station.	10	Witham 1st IDB - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC have installed a new gully and outfall to dyke on the opposite side of the road.
06-Jul-12	Laburnham Cottage, South Drive	Helpingham		West	Rowan Smith Area Highways Manager West Division Sleaford	Combination of private and highway surface water which drained to property	1	LCC - <b>Yes</b>	LCC have installed a new gully and outfall to dyke on the opposite side of the road.
06-Jul-12	Leasingham village	Leasingham		West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water and foul water flooding capacity issue on watercourse running through the village, also capacity/maintenance issue with pumped foul sewer.	2	Environment Agency - <b>Yes</b> Anglian Water - <b>Yes</b> LCC - <b>Yes</b> Witham 1st IDB (Enforcement for LLFA) - <b>Yes</b>	Further investigations to be carried out by LCC, and further discussions to be held with the other listed risk management authorities.
06-Jul-12	High Street North and South, Manor Street, Chapel Street and Chestnut Street	Ruskington		West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of Ruskington Beck (main river) and surcharge of foul sewers and overtopping of riparian watercourse.	6	Environment Agency - <b>Yes</b> Anglian Water - <b>Yes</b> Witham 1st IDB (Enforcement) - <b>Yes</b>	The Environment Agency is to remodel Ruskington Beck (hydraulic) and carry out riparian enforcement. Anglian Water is investigating the foul water system and is considering an improvement scheme. A bid for an overall study for Ruskington has been submitted for feasibility, design and works.
06-Jul-12	Main Street	Scopwick		West	Rowan Smith Area Highways Manager West Division Sleaford	Ditch backing up and overtopping due to volume of surface water in the main surface water pipe system.	1	Witham 1st IDB (Enforcement) - <b>Yes</b> Lincolnshire County Council - <b>Yes</b>	LCC have jettied the system, further investigations into ownership of main piped drain and open ditch are ongoing
06-Jul-12	Southgate	Sleaford		West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water from public highway and private land flowing into properties through front and rear entrances.	2	Lincolnshire County Council - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC to advise properties on self prevention measures relating to flood resilience. Anglian Water to investigate capacity of combined system.
06-Jul-12	Various	Timberland & Thorpe Tilney village		West	Rowan Smith Area Highways Manager West Division Sleaford	Surcharging of open watercourses and assumed restrictions within culverted sections. Surcharge of public surface and foul water systems.	3	Witham 1st IDB - <b>Yes</b> Lincolnshire County Council - <b>Yes</b> Anglian Water - <b>Yes</b>	Improvement works on LCC 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.
06-Jul-12	High Street and The Drift	Walcot		West	Rowan Smith Area Highways Manager West Division Sleaford	Flooding of property caused by volume of water backing up in the surface water system. Further investigations revealed at least 6 properties off the drift which were internally flooded. This flooding was a combination of blockages in the surface water system and intensity of rainfall.	7	Lincolnshire County Council - <b>Yes</b> Anglian Water - <b>Yes</b>	Anglian Water works in progress. LCC improvement scheme ongoing. A meeting with Walcott Parish Council has been held.



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06-Jul-12	West End / High Street	Swaton		West		Overland surface water flowing through private land. Separate case of overtopping of Swaton Eau flooding carriageway and property basement.	2	Environment Agency - <b>Yes</b> Black Sluice IDB - <b>Yes</b> Lincolnshire County Council - <b>Yes</b>	The Environment Agency has completed their hydraulic modelling works. Black Sluice Internal Drainage Board has previously bid for an improvement scheme. LCC/Environment Agency have been asked to assist with scheme promotion.
29-Apr 28-June 6-July	Watterfoe Cottages A607	Belton		West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water from public highway and adjacent private land flowing onto properties .	2	Lincolnshire County Council - <b>Yes</b> Upper Witham IDB - <b>Yes</b> Environment Agency - <b>Yes</b> South Kesteven District Council - <b>Yes</b>	Upper Witham Internal Drainage Board has carried out enforcement on riparian owner for watercourse improvements. LCC Highways is designing improvements to the drainage system.
28-Jun-12	Thorald Avenue	Cranwell		West	Rowan Smith Area Highways Manager West Division Sleaford	Surface water surcharge from private parking area and Highway gullies onto private property causing internal flooding of conservatory. Possible contributing factors due to the development of adjacent land which was historically an area of flood plain. Non maintenance of riparian watercourse.	1	Witham 1st IDB - <b>Yes</b> Lincolnshire County Council - <b>Yes</b> North Kesteven District Council - <b>Yes</b>	Investigations ongoing between LCC, North Kesteven District Council and Landowners. Small scheme to divert water away from garages being looked at. Landowner has been written to regarding possible cutting of new dyke.
06-Jul-13	Newton Village	Newton near Haceby		West	Rowan Smith Area Highways Manager West Division Sleaford	Overtopping of riparian dykes.	7	Black Sluice IDB - <b>Yes</b> Lincolnshire County Council - <b>Yes</b>	LCC proposing to replace culvert on Church Road, and the Black Sluice Internal Drainage Board/LCC are to explain further riparian duties to residents. Details of additional enforcement requirements to the east of the village have been sent to the Black Sluice Internal Drainage Board.
30-Apr-12	St Catherine's Grove	Lincoln		North	Jeanne Gibson Area Highways Manager North Division Lincoln City Area	Surface water backed up and surcharged into St Catherine's grove due to flap valve sticking open.	2	Lincolnshire County Council - <b>Yes</b> Anglian Water - <b>Yes</b> Environment Agency - <b>Yes</b>	Anglian Water is to inspect the flap valve at the outfall to the River Witham, and introduce a maintenance regime to ensure it closes when the river levels are high.
01-Jun-12	Shop Lane	Goulceby		West	Andrew Ratcliffe Area Highways Manager East Division Southern Area	Overland flows from the adjacent hillside and agricultural land has been exacerbated by the overgrown/silted interceptor ditch, and the inlet to the culvert system being restricted by debris and silt. The combined flows caused flooding to a property opposite and lower than the restricted culvert/ditch system.	1	Lincolnshire County Council - <b>Yes</b>	All works complete.
01-Apr-12	Church Lane	Brandon		West	Mark Heaton Area Highways Manager West Division Grantham	Overland flow from adjacent land. Saturated ground leading to overland flow which may have been exacerbated due to the lack of maintenance of riparian watercourses. South Kesteven District Council has given advice, and a drainage alleviation showing a proposed filter drain to the side of the property to intercept overland flows and underground surface water, which has not been approved by LCC.	1	Lincolnshire County Council - <b>Yes</b> South Kesteven District Council - <b>Yes</b> Upper Witham IDB - <b>Yes</b>	Property owner to maintain his filter drain. LCC Highways to improve highway drainage to remove standing surface water. Risk Management Authorities to ascertain ownership of all watercourses and advise the owners to clear/maintain them periodically.

<b>Lincolnshire County Council Section 19 Investigations.</b>									
Date	Location	Town	Customer Service Reference Number	Division	Contact Officer	Description of Flooding	No of Properties Internally Flooded	Risk Management Authorities with Responsibilities and whether they are exercising functions	Actions and Recommendations
June and July 2013	The Grove	Hanthorpe		West	Kevin Brumfield Area Highways Manager West Division	Surcharge from dike/drains.	1	Lincolnshire County Council - <b>Yes</b> South Kesteven District Council - <b>Yes</b>	LCC continue to discuss issues with residents. LCC arranged a 1hour emergency response team to clear and investigate potential blockages and issue sandbags due to the period of heavy rainfall. The investigation identified there was a culverted driveway using a 600mm concrete pipe which has a foul sewer connection crossing through which is then connected onto two 150mm pipes, this connection is of a poor standard, further restrictions included tree roots which have been removed. There is a planning history with regard to the culverted vehicle crossing, which has not been constructed as the original planning permission. This is currently under investigation by South Kesteven District Council. All remedial work that has been carried out appears to have alleviated the problem to a certain extent. Further works planned include installation of a trash screen on the pond side to stop any large debris entering the watercourse.
23-Jul-13	York Road	Stamford		West	Mark Heaton Area Highways Manager West Division Grantham	Blocked gullies on Sussex Road causing water to back up in York Road resulting in internal flooding.	1	Lincolnshire County Council - <b>Yes</b> South Kesteven District Council - <b>Yes</b>	Following the 1 hour emergency response, LCC investigated a potential blockage and emptied gullies. Initial investigation showed that the gully on the south side of York Road (near No 4) was blocked approximately 3m from the gully access. The jetter cleared the initial blockage, however jetting could only be undertaken for approximately 20m to an area under the conservatory at the rear of no. 2 York Road. Emergency road closure to install a new double gully and connect to existing surface water system on Sussex Road (approval sought and received from Anglian water).
06-Aug-13	New Cross Roads	Stamford		West	Mark Heaton Area Highways Manager West Division Grantham	Standing water collected at the front of the property and caused internal flooding.	1	Lincolnshire County Council - <b>Yes</b> Anglian Water - <b>Yes</b>	All highway drainage found to be running clear on New Cross Roads, however the kerb offset opposite the property was found to be blocked and required work to be carried out. On a site visit on 7th August a gully located on Sussex Road was also identified as being blocked with leaf matter & debris this was later cleared. Recommendations made include LCC to clear the blocked offset, Anglian Water to maintain their utility surface water drainage system, the property owner to maintain their rainwater outfall, and alterations to be made to the rainwater drainage of the properties here so rainfall is shared more evenly and not concentrated in one location.
23-Jul-13	Oster Fen Lane	Claypole		West	Mark Heaton Area Highways Manager West Division Grantham	Due to heavy rainfall that fell on the 23rd/24th July 2013, a property suffered internal flooding. The owner reported that there was inadequate drainage along Oster Fen Lane and Main Street and the drainage that was there was not maintained. The road is covered in silt and the gullies were blocked with straw. The owner stated the road had previously flooded.	1	Lincolnshire County Council - <b>Yes</b> South Kesteven District Council - <b>Yes</b>	LCC instructed a gully tanker to clean and jet the highway drainage system outside the property, the system was reported to be running well. Anglian Water CCTV'd the public sewer several weeks later, it identified tree roots to the extent that the survey had to be terminated. The removal of the tree roots has been undertaken and a further CCTV investigation is due to take place. Property owner is to investigate downpipes and gully at rear of property. SKDC to undertake regular carriageway sweeping in the village to reduce the amount of detritus to build up around the gullies.
05-Aug-13	Main Street	Long Bennington		West	Mark Heaton Area Highways Manager West Division Grantham	The rainfall event led to surface water from the Manor Drive estate flowing out of the junction to join the flow running along Main Road, which entered the property.	1	Lincolnshire County Council - <b>Yes</b> Anglian Water - <b>Yes</b>	LCC jetted all highway surface water drainage in the area to ensure no blockages. Installation of kerbing and an extra highway has been completed. Investigation into the foul drain has been carried out by Severn Trent Water and two blockages/breaks in the system have been repaired. LCC to undertake carriageway kerbing improvements and install new highway gully to intercept surface water. Anglian Water to investigate and survey foul sewer systems to ensure capacity is maintained in the future.