

Nottinghamshire County Council The Lead Local Flood Authority



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County Council**

Lead Local Flood Authority – The Background

Sir Michael Pitt's Review of
2007 summer floods.



Creation of the Flood and
Water Management Act 2010.



Lead Local Flood Authority
role.




Learning lessons from the 2007 floods

An independent review by Sir Michael Pitt

June 2008

 The Pitt Review



Flood and Water Management Act 2010

CHAPTER 29

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What is the LLFA?

- Coordinate Flood Risk Management across Nottinghamshire.
- Statutory consultee on surface water to the Local Planning Authorities and the County Planning Authority.
- Maintain a register of assets that have a critical impact on effect on flood risk in the County.
- Issue Land Drainage Consents.
- Publish and develop Strategic Documentation and contribute to others.



**Risk
Management
Authorities**

**Lead Local
Flood
Authority**

**District
Council**

**Internal
Drainage
Board**

**Severn
Trent Water**

**Environment
Agency**

The Confusion!



- **We are not a first responders!**
- **We oversee, understand, educate and influence**
- **We ensure coordination across RMA's**
- **We Lead on managing local Surface Water flood risk,**
- **ground water and Ordinary Water Courses.**

Powers – Land Drainage Authority



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Water runs down hillSimple! The complexity is who owns the hill!

Flooding type	Responsibility	Action
Roads	Our Highways team provide and manage highway drainage and ensure that road projects do not increase flood risk.	You can report road related damage/problems to us
Public sewer/burst water mains	Severn Trent Water 0800 783 4444 @stwater	You can report problems directly
Main rivers	Environment Agency 0845 988 1188 @EnvAgency	You can call the 24 hour incident hotline on 0800 80 70 60
Ordinary watercourses	Small rivers and streams which are not managed by the Environment Agency. They are the responsibility of the owners of their banks (riparian owners)	We must provide consent to any changes on these, see making changes to waterways.
Rising groundwater	The property owner but we can provide advice.	See preparing for flooding



Under Our Umbrella



• Ashfield:	87 miles	16 named watercourses	585 unnamed
• Bassetlaw:	520 miles	78 named watercourses	1043 unnamed
• Broxtowe:	42 miles	13 named watercourses	194 unnamed
• Gedling:	54 miles	14 named watercourses	215 unnamed
• Mansfield:	10 miles	7 named watercourses	66 unnamed
• N&S:	535 miles	49 named watercourses	1456 unnamed
• Rushcliffe:	365 miles	25 named watercourses	962 unnamed

Countywide: 1613 miles

202 named watercourses and 4521 unnamed



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Ordinary Watercourses

- An Ordinary Watercourse is any; river, stream, ditch, drain or dyke of which does not form part of a main river.
- The responsibility to maintain ordinary watercourses rest with “Riparian Owners”.
- A Riparian owner owns the land in which the water sits. Where a watercourse runs along the boundary of a property, you are assumed to own the land up to the centre of the watercourse.

Sewer Flooding

- Responsibility for Sewer Flooding depends on which element of the system is causing the problem. In general:
 - Sewerage Companies are responsible for the public sewers and drains located outside the boundary of a property;
 - Property owners are responsible for the drainage which carry their water to the public sewer;
 - Local Authorities and the Highways Agency are responsible for highway drainage on roads they maintain.



What do we do initially after an event?

After a flood event we:

- Are on site as soon as possible. Provide guidance support and advice to all affected individuals.
- We collect information and data about the event.
- Co-ordinate with other RMA's.
- Section 19's is trigger hit,



What Advice?

Based on experience after a flooding event affected residents want to understand how they can get their lives back to normal.

- Who is going to help us?
- Resilience Measures / Property Flood Resilience.
- Information /Data/ EA Warning System.
- Insurance - Flood RE scheme.
- Why did this happen?
- Who is responsible?

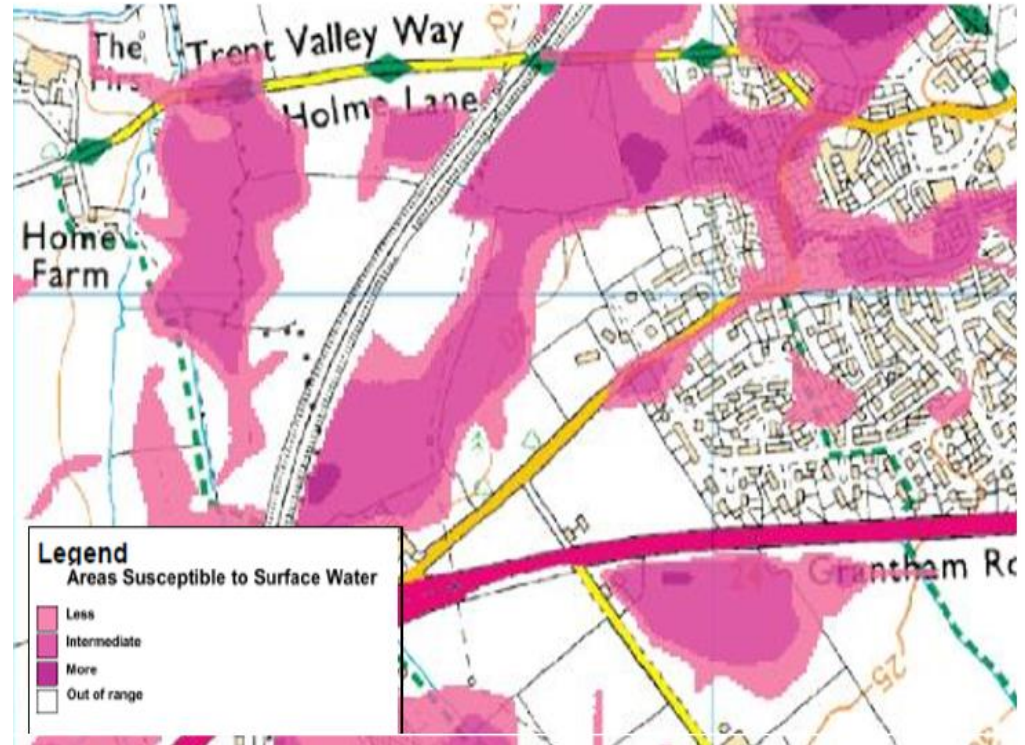


Our role in the Planning Process

- As LLFA we are a statutory consultee for all Local Planning Authorities in the County.
- Our consultee role covers the management of surface water for major developments.
- The Environment Agency are statutory consultee in regards to any developments on flood plains, and where there is any interaction with Main Rivers.
- Formally consideration by the Local Planning Authority.

Rushcliffe Planning

- Since April 2020 we have commented on 73 Major Planning Applications.
- These planning applications look to safeguard of over 1,600 residential properties.
- These sites have their flood risk assessed as part of the planning process to ensure they met current guidelines.



Section 19 Reports

- Cropwell Butler 2012
- Gotham 2016
- Tollerton 2019
- Bingham 2019
- Gotham 2019
- Radcliffe on Trent 2020
- Sutton Bonington 2020
- Tollerton 2020
- Gotham 2020
- Cotgrave 2020
- Cropwell Butler 2020
- Bingham 2020



Mitigation and Prevention

- Following a flood event we work very closely with all Risk Management Authorities and our key partners to understand the mechanisms for a flooding event.
- We work closely with our key partners to incorporate schemes within our capital programme.
- NCC Capital Programme is an amalgamation of Nottinghamshire County Council led schemes and our key partner schemes where we are supporting.
- We liaise closely with landowners where they are responsible for undertaking works following a flood event.



Ruddington – High Street

- June 2020 Ruddington High Street suffered internal property flooding to 22 businesses.
- Business hardship support grants were made available to all affected businesses in the area.
- NCC staff were present and on site the morning after the event to provide guidance, advice and support to all affected business owners.





East Leake

- East Leake suffers from a combination of sewer flooding and fluvial flooding from minor watercourses.
- During storm events, the local sewerage system is overrun and subsequently works in reverse causing flood waters to become polluted with foul water.
- NCC are working with Severn Trent to understand the weaknesses in their system and to help work towards a solution.



Radcliffe on Trent- Clumber Drive



- Maintenance issues on an ordinary watercourse at the rear of Clumber Drive contributed to several properties suffering internal flooding.
- Close liaison with riparian owners to strengthen the resilience of the network in the locality have been ongoing.
- Section 19 investigation was published following the event in February 2020.



Bingham – Western Avenue

- Residents of Western Avenue have been repeatedly affected by a drainage ditch at the rear of their properties owned by Network Rail.
- NCC have liaised with Network Rail as well as landowners upstream to manage and maintain the ditch to alleviate the potential for flooding.
- Ditch clearance work has recently been undertaken by the parties involved.



Cropwell Butler

- Cropwell Butler has suffered repeated flooding events within the community.
- We have been engaging with all relevant landowners, stakeholders and RMA's in order to try to find a workable solution for the community.
- Several factors affect the flood risk in the locality, including; capacity problems, maintenance of minor watercourse and natural pinch points.





West Bridgford – Rugby Road

- Residents of Parkstone Close have been affected by the Ordinary Watercourse which runs underneath Rugby Road.
- NCC have been working directly with RBC and Via to assist in the maintenance and management of the watercourse.
- Further modelling is currently taking place in the area to highlight any further flooding risks.



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Gotham

- Gotham has seen several repeated flood events caused by a lack of maintenance on minor watercourses.
- Investigations have taken place to understand the problems faced at this community.
- Natural flood management techniques are being employed to manage the risk of flooding.



Making a difference in our Communities

- Education/Awareness/Resilience.
- Range of experience in the Team.
- Support communities to be independent/sustainable.
- Influence future proofing solutions, technology, innovation.
- **Facilitate investment, growth, ambition, connectivity.**
- Partnership Working.
- Alignment, new opportunities and ideas.
- Celebrate! Build investment relationships and capitalise on confidence levels.

