

Flood Risk Management

Annual Report 2022

Matt Maginnis

Worcestershire County Council – Flood Risk Manager

mmaginnis@worcestershire.gov.uk

Overview and Context

Flooding in summer 2007



The Pitt Review



The Flood & Water Management Act



Act clarifies the legal responsibility for different forms of flooding



**Introduction of the concept of a Lead Local Flood Authority
(Council/Unitary)**



Partnership working is key part of work by LLFA

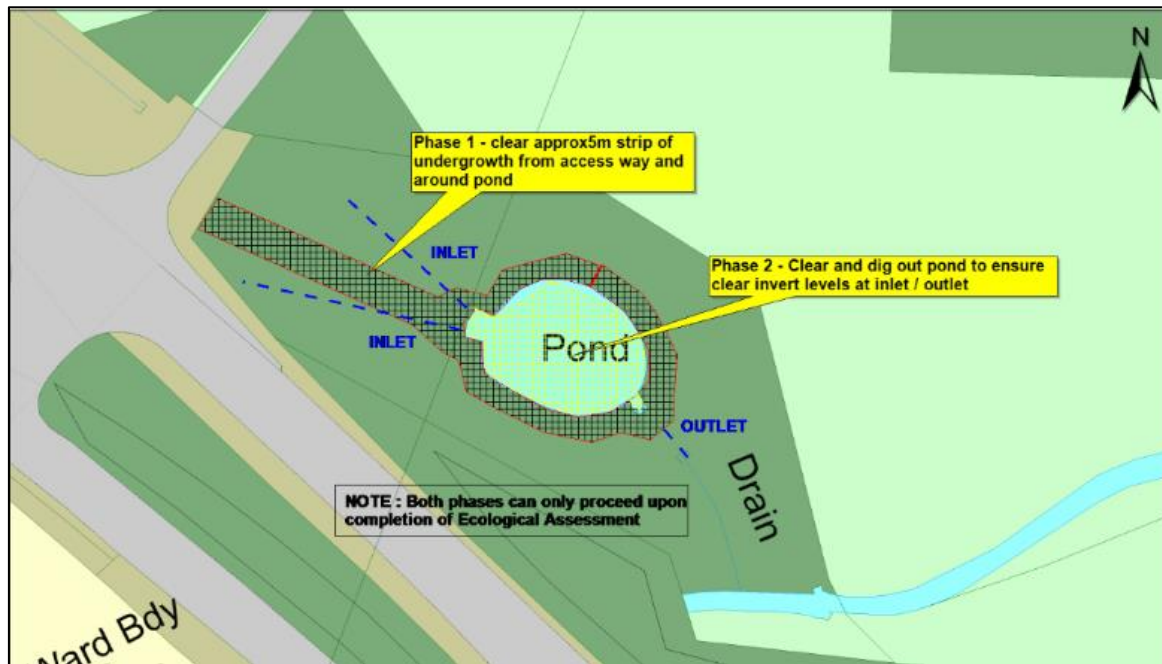
Flood Risk Management – progress in 2022

- Understanding and Prioritising Flood Risk
- Reducing the Likelihood and Impact of Flooding
- Governance and Partnerships
- Communications and Engagement
- Plans, Policies and Strategies
- Future challenges



Understanding and Prioritising Flood Risk

- Learning from the flood event in February 2022.
- Progress with the Flood Risk Management Plans in Wythall, Droitwich, Redditch, Bromsgrove and Hagley.
- Updating the Local Flood Risk Management Strategy.



Reducing the Likelihood and Impact of Flooding – New schemes and developments

- Delivery of **flood alleviation schemes** and progress with business cases for potential schemes.
- Delivery of **Natural Flood Management** programme.
- Worcestershire County Council and partners (districts and north & south water management teams) have collectively made representations on over **1500 planning applications** and over **80 pre-application consultations**.



Reducing the Likelihood and Impact of Flooding – maintaining existing arrangements

- Maintenance of **main rivers, ordinary watercourses, sewerage networks and highway drainage**.
- Pro-active **maintenance works** by the Environment Agency on more than 20 main rivers in Worcestershire including vegetation, debris and silt removal.
- **Inspection** of nearly 100km of the ordinary watercourse network.
- 54 **Land Drainage Consents** processed.
- Around 100 successful **informal enforcement actions**.
- Severn Trent have visited **schools in Worcestershire** and delivered key messages on saving water and sewer misuse to over 2,000 children through interactive assemblies, workshops and talks.
- Over 100 **highway drainage schemes** were delivered in 2022, including 200 **new gully assets** being installed to relieve drainage issues and over 2000 metres of **highway drainage pipes being replaced**. Over 1000 metres of **ditches were dug** as part of new works or maintenance.

Reducing the Likelihood and Impact of Flooding – Flood Response and Recovery

- **Multi-agency response** to, and **recovery** from, major flood event in February 2022, including initiating the Tactical Co-ordinating Group (TCG) and Operational (Bronze) Cells in the north and south.
- **Learning** from this and other localised flood events, including the **WCC Flood Response Group** which meets monthly to assist in preparing for future flood events.



Governance and Partnerships

- Regional Flood and Coastal Committees.
- Strategic work with partners to make the most of opportunities – eg. WISE (Water Infrastructure for a Sustainable Economy project in Worcestershire) and River Severn Partnership.
- Developing partnerships and bringing together potential sources of funding, such as:
 - Worcestershire Land Drainage Group
 - Regional Environment Agency / Lead Local Flood Authority Networking Group
 - Worcestershire Natural Flood Management Project Steering Group
 - The West Mercia Local Resilience Forum (Worcestershire) Severe Weather Group
 - The Worcestershire Local Nature Partnership
 - The Worcestershire Infrastructure Steering Group



Communications and Engagement

- Encouraging community resilience.
- Development of flood groups including Hagley, Hollywood (Wythall), Tenbury, Diglis (Worcester), Powick and Severn Stoke in partnership with the National Flood Forum.
- A number of communities benefitted from the County Council's flood grants following the flooding in February and March 2020 and February 2022.
- Severn Trent's community fund continued in 2022 supporting local projects across Worcestershire.



Plans, Policies and Strategies

- Progress with the Flood Risk Management Plans and updating the Local Flood Risk Management Strategy.
- Input into other related plans and policies including:
 - National Flood Risk Management Plans
 - Multi-Agency Flood Plans
 - District Local Development Plans
 - Neighbourhood Plans
 - Catchment Flood Management Plan



Progress since last annual report

We said	We did
Publication and implementation of the Hagley formal investigation report.	Completed and published
Continued implementation of the Hollywood formal investigation report recommendations, including appraisal of the potential flood scheme and continuing to work with partners to build a compelling business case for a flood scheme.	Modelling now completed and business case being developed.
Further development and implementation of the local FRMP for the new Redditch 'Flood Risk Area', as identified by the review of the Preliminary Flood Risk Assessment.	Environment Agency Severn Flood Risk Management Plan completed with Worcestershire-wide and Redditch-specific measures included.
Implementation of the six-year, county-wide Natural Flood Management project.	Funding now secured and project underway.
Implementation of lessons learned from recent major flood events and further development and testing of emergency plans.	A number of recommendations now actioned, and the Worcestershire Flood Response Group continues to meet regularly for the purposes of continuous improvement.

Flood risk management future actions - highlights

Understanding and Prioritising Flood Risk

- Further developing FRMPs for Droitwich, Hagley, Wythall, Redditch, Worcester and Bromsgrove.

Reducing the Likelihood and Impact of flooding

- Continue to develop and deliver major flood alleviation schemes at Severn Stoke, Toronto Close (Worcester), Bewdley and Tenbury.
- Continue delivery of other smaller flood alleviation schemes in locations such as Summerfield, near Kidderminster.
- Continue to develop and deliver Property Flood Resilience schemes in Evesham, Wickhamford, Droitwich, Worcester and Himbleton.
- Continue to develop and implement the county-wide Natural Flood Management programme.

Governance and Partnerships

- Review and refresh of the Local Flood Risk Management Strategy.

Community Engagement and Resilience

- Support existing flood action groups and the development of new groups.

Plans, Policies and Strategies

- Review and update the Preliminary Flood Risk Assessment.

Questions ?

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