

FLOOD RISK MANAGEMENT ANNUAL REPORT

Kerry Whitehouse
Interim Flood Risk Manager
Birmingham City Council
18 January 2018

Update in relation to:

- Flood and Water Management Act:
 - Local Flood Risk Management Strategy
 - Cooperation with Other Authorities
 - Investigation of Flooding Incidents
 - Works to Manage Flood Risk
- Flood Risk Regulations
- Statutory Consultee Role
- Funding

Local Flood Risk Management Strategy

Birmingham City Council has a duty to maintain, apply and monitor the application of a Strategy in its area.

Aim is to ensure that local flood risk is understood and managed in a coordinated way in Birmingham.

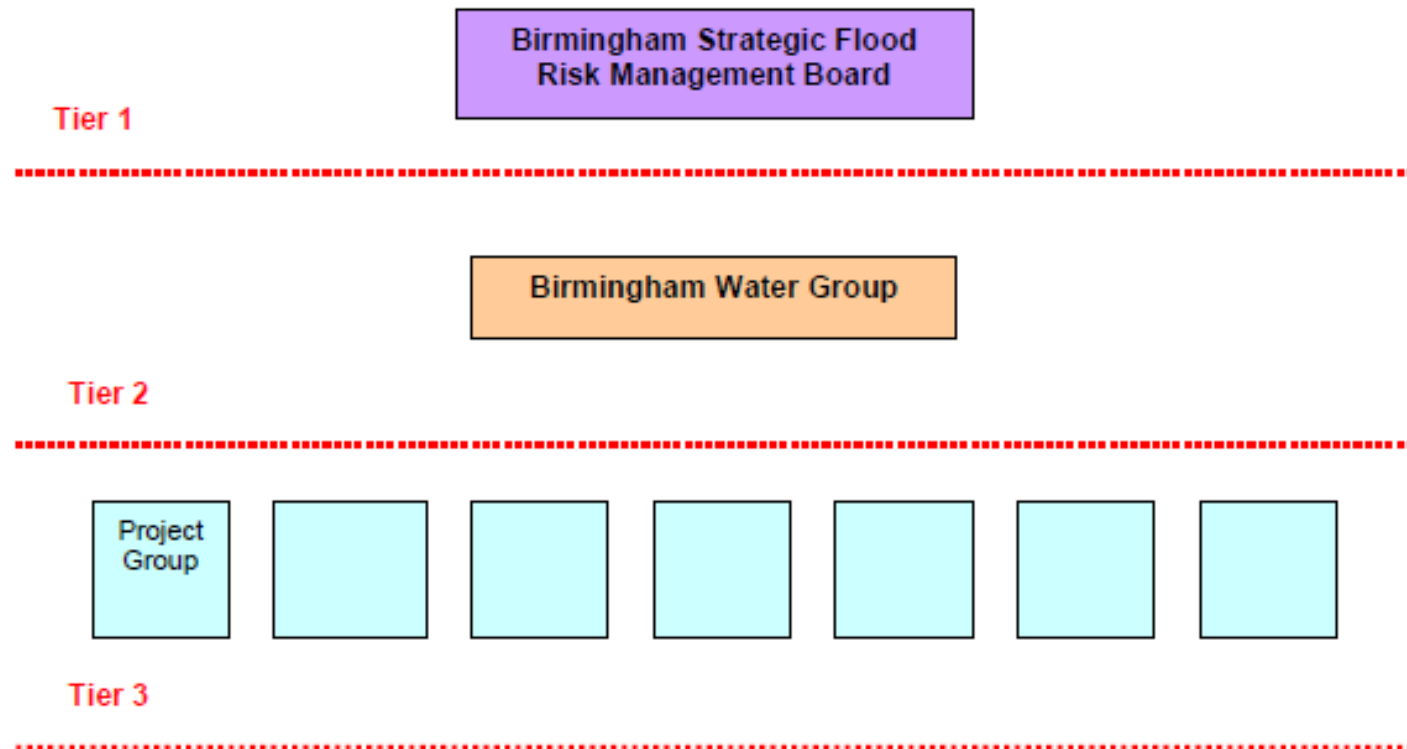
The strategy sets out seven objectives and twenty policies in relation to:

- Who does what
- The type and level of flood risk
- Who manages flood defences
- How flood events are managed and investigated
- How flood risk schemes are prioritised
- Reducing the impact of development; and
- Considering the environment

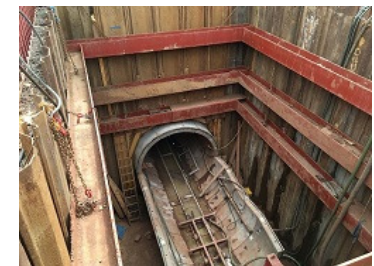
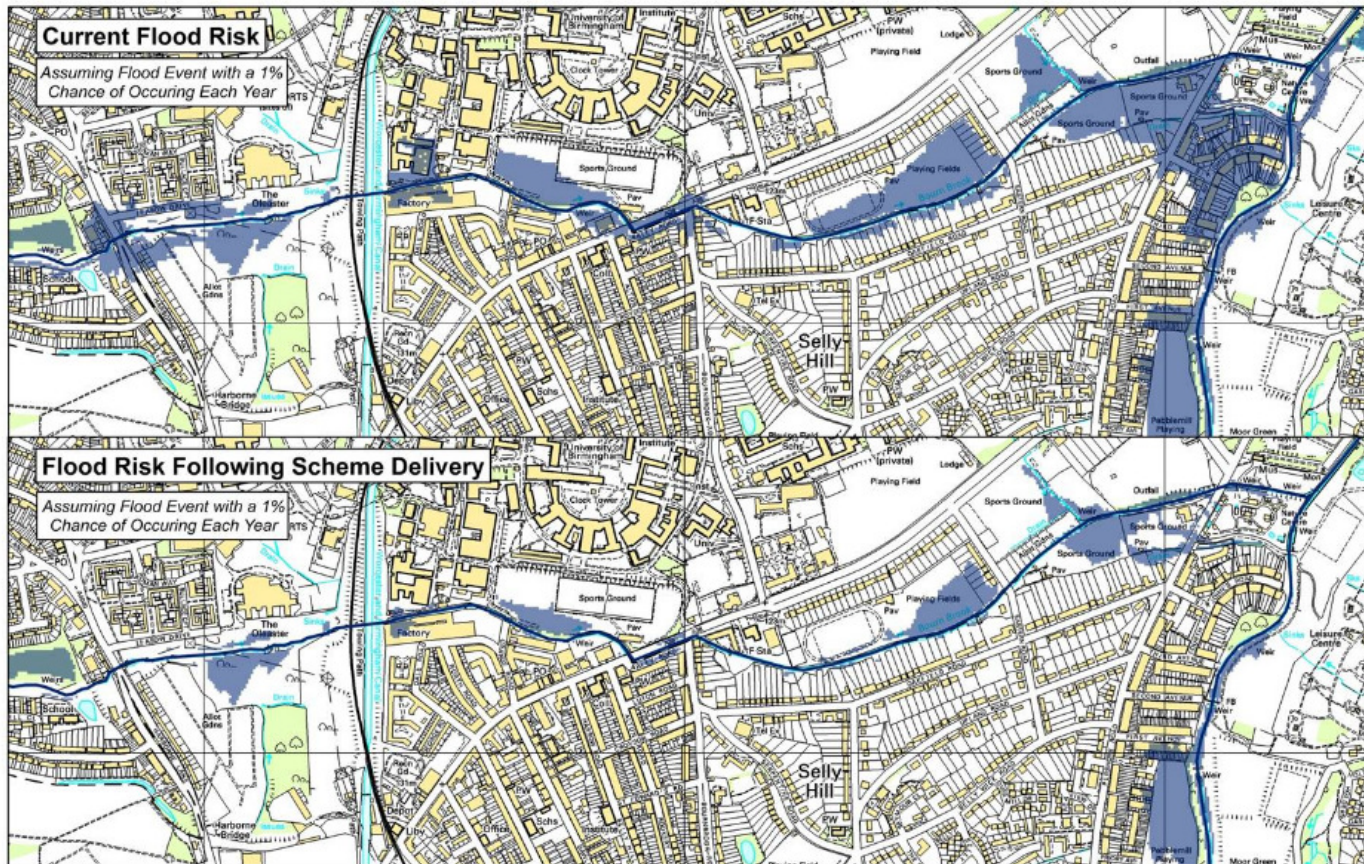
Approved by Cabinet In October 2017



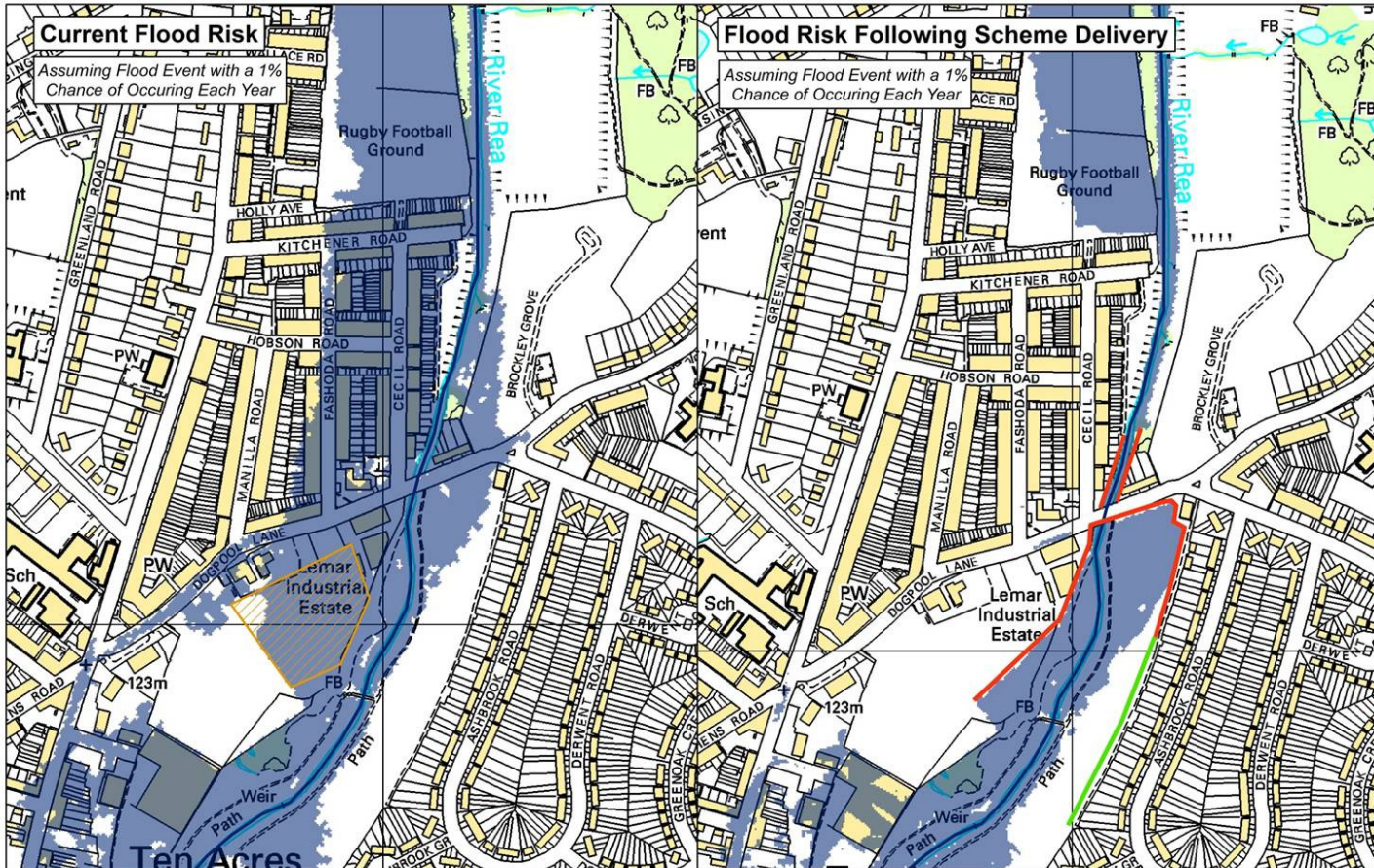
Cooperation with other Flood Risk Management Authorities



Selly Park North

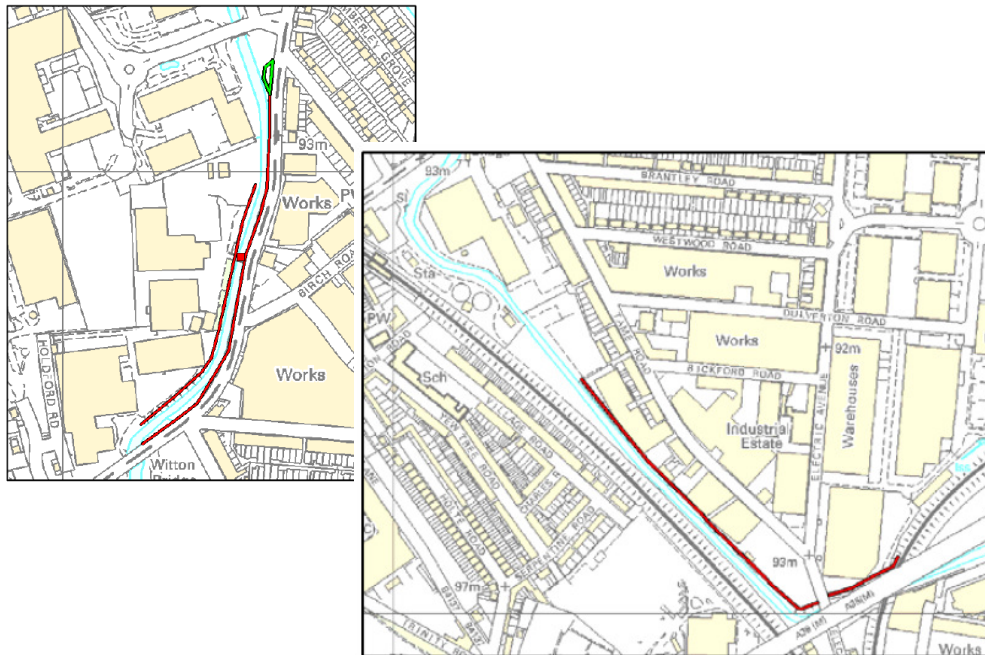


Selly Park South

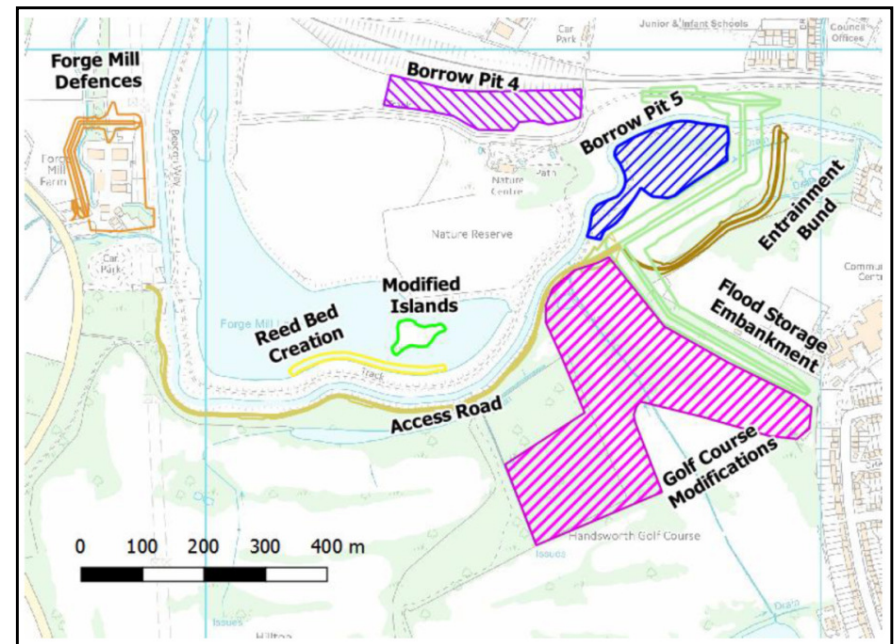


Perry Barr and Witton

Phase 1

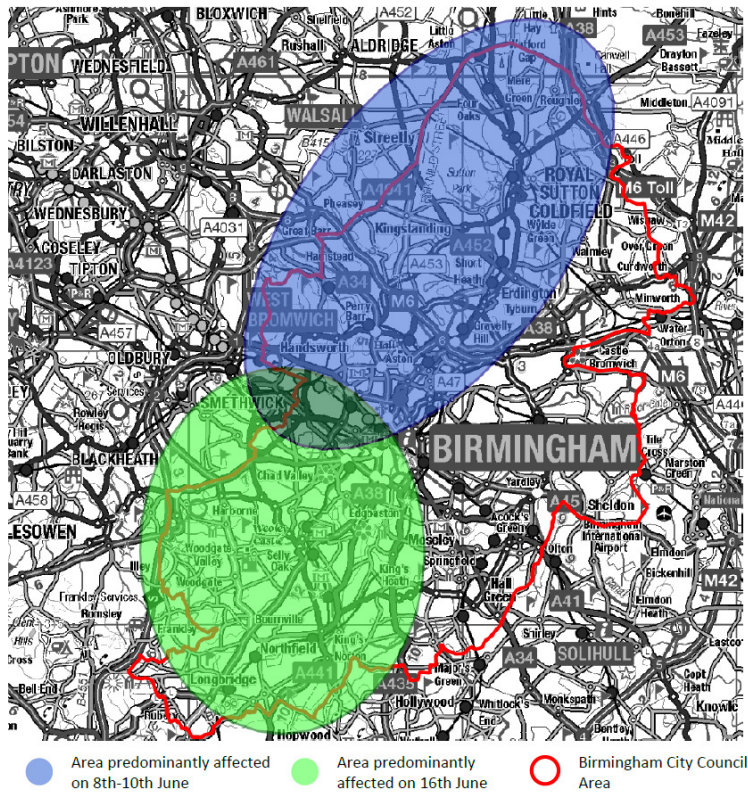


Phase 2

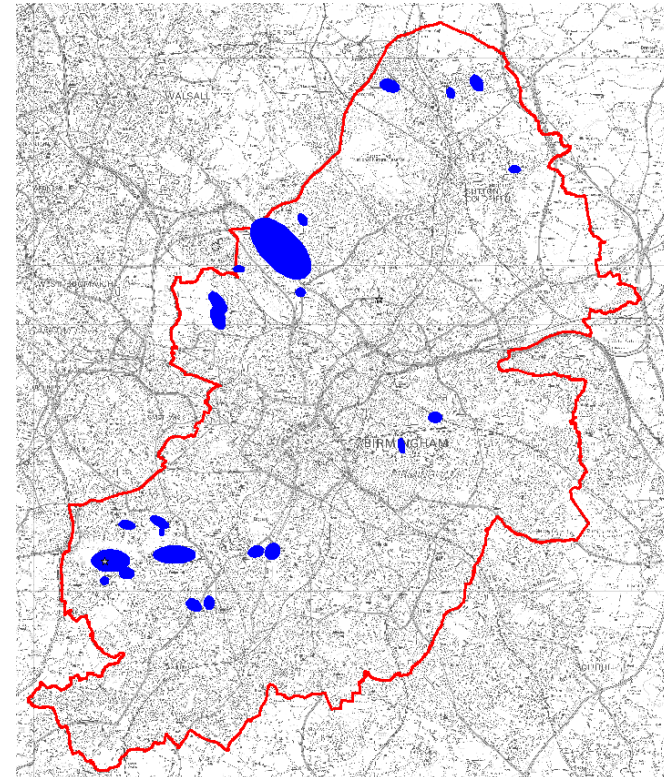


Flood Events

Significant storms June 2016



23 Areas with Internal Flooding



Section 19 Investigation Report



Report outlines:

- Source of the flooding
- Flooding mechanism
- Responsible parties
- Investigation undertaken
- Actions undertaken
- Future actions

Flooded Sites Action Tracker

Ref	Linked event	Date	Street	Area	Detail	Responsible Organisation	Progress	Action Undertaken past 6 months	Action to be undertaken next 6 months
2012-003	2016-016	28-Jun-12	Queens Park	Harborne	Flooding due to runoff from parkland, properties flooded	BCC - Leisure		Construction commenced on site	Anticipated completion of scheme March 2017
2012-004		28-Jun-12	Fashoda Road, Cecil Road, Hobson Road and Kitchener Road	Selly Park	Spoke to John Clayton following issue of flood alert, took the decision to deploy sandbags. Report from contractor deploying sandbags that there was bad flooding and further sandbags were required. Engineer sent to inspect, reported flooding coming out of bank upstream of Dogpool Lane bridge, flowing through industrial estate onto Dogpool Lane and flooding down Fashoda Road towards Kitchener Road. Blocked gullies Fashoda Road and Cecil Road	EA		Flood Defence functional, currently undertaking landscaping	Official opening January 2018
2012-006		28-Jun-12	Brookvale Road/Witton Road	Witton	Blown manhole cover outside Yew Tree PH Brookvale Road and localised highway flooding as a result.	STW		Sewer cleared, identified as a highway flooding issue and therefore a long term priority.	
2012-010		28-Jun-12	Pensby Close		Advised by Irene De Boo (Museum Services) that properties may have flooded.	BCC - Housing		Works Completed	
2012-011		28-Jun-12	Nesfield Close	West Heath	Flooding to 2 properties, request for sandbags	BCC - Highways		Works Completed	
2012-019	2016-015	28-Jun-12	Elford Road	Harborne	Flooding to front and rear of properties	EA		Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . On hold due to other projects having funding	Explore opportunities as part of catchment wide study of Bourn Brook
2012-023		28-Jun-12	Greenacres	Bartley Green	Call from EA to say watercourse had broke its banks, garden of property was flooded and may enter property	EA		Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . On hold due to other projects having funding	Explore opportunities as part of catchment wide study of Bourn Brook
2012-024	2016-012	28-Jun-12	Middleacre Road	Bartley Green	Flooding from Mill Lane grills	EA		Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . On hold due to other projects having funding	Explore opportunities as part of catchment wide study of Bourn Brook
			Middleacre Road	Bartley Green	Internal flooding 4 feet deep			Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . On hold due to other projects having funding	Explore opportunities as part of catchment wide study of Bourn Brook
2012-025	2016-012	28-Jun-12	Rush Green	Bartley Green	Internal flooding, 4" - 5"	EA		Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . On hold due to other projects having funding	Explore opportunities as part of catchment wide study of Bourn Brook
2012-026	2016-012	28-Jun-12	Mill Lane	Bartley Green	Internal flooding, depth not given	EA		Potential scheme identifies incorporating storage on Stonehouse Brook in Senneleys Park . On hold due to other projects having funding	Explore opportunities as part of catchment wide study of Bourn Brook
2012-031	2016-023	28-Jun-12	Overdale Road	Quinton	Combined flooding, partly from storm sewers, foul sewers and potentially a culverted watercourse. Properties are in a depression below road level.	BCC - Highways		PLR scheme completed March 16, however during 2016 there was ingress of water into the properties. Funding bid for additional PLR works unsuccessful.	Explore opportunities as part of catchment wide study of Bourn Brook
2012-041	2016-019	24-Sep-12	Fourth Avenue	Selly Park	Flooding from blocked gullies	STW EA Amey		STW cleansing complete. Potential scheme identified. Amey looking at possible highway realignment to direct runoff towards River Rea.	EA comms to include STW update EA to work with community on re-establishment of FLAG

Works to Manage Flood Risk

Grant Funded Property Protection

Types of Work:

- Property Level Resilience
- Community Protection



Works Funded by Flood Risk Management Revenue Budget

Types of Work:

- Grill clearance
- Sandbag Distribution
- Restoring flood channel/culvert capacity
- Inspecting strategic culvert structures
- Inspection & maintenance work to flood defence assets



Works Funded by Other Departments

On behalf of:

- Housing
- Education
- Leisure (including Major Reservoir Works)
- Local Engineering
- Transportation
- Highways



Flood Risk Regulations

6 year cycle, comprising:

- Preliminary Flood Risk Assessment (PFRA)
- Mapping of flood hazards and risk
- Flood Risk Management Plans (FRMPs)

Lead Local Flood Authorities worked with the Environment Agency to publish the first set of FRMPs, covering the 10 river basin districts in England, in March 2016.

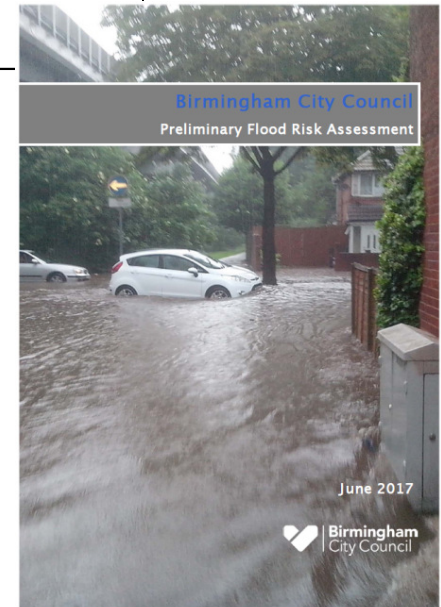
The second round of the cycle commenced in 2017, with an updated PFRA produced in June 2017.



Humber River Basin District
Flood Risk Management Plan
2015 - 2021

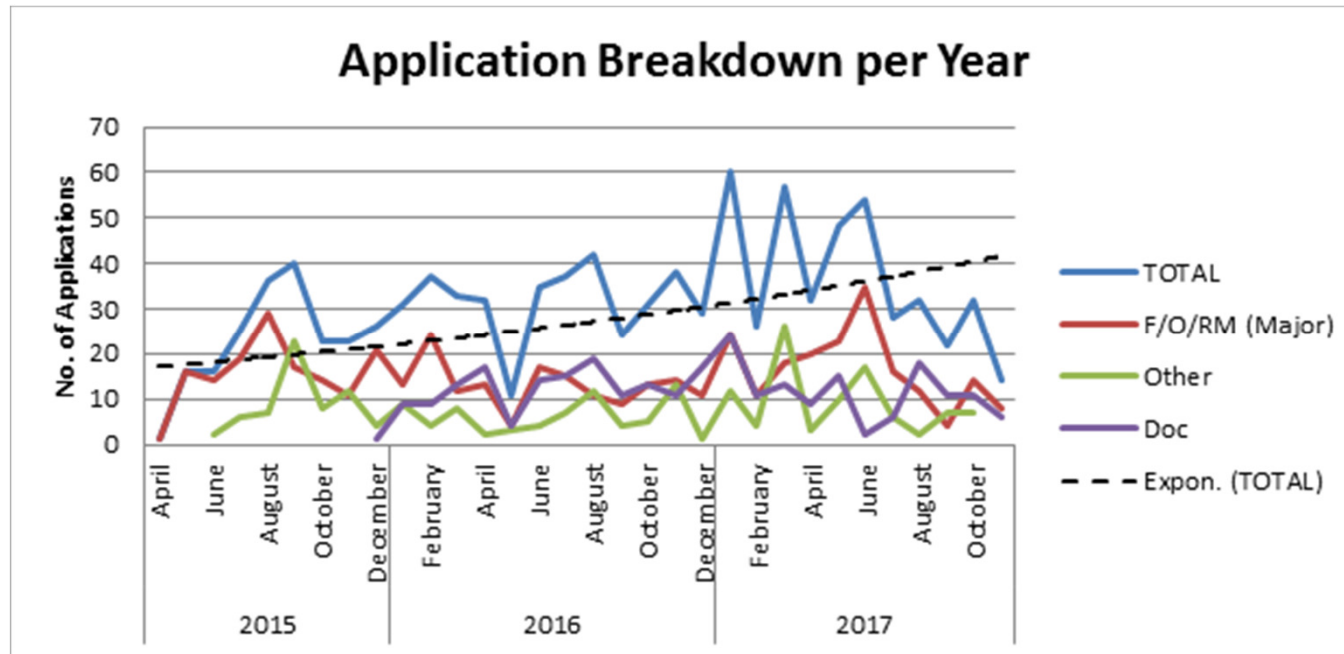
PART A: Background and River
Basin District wide information

March 2016



Statutory Consultee Role

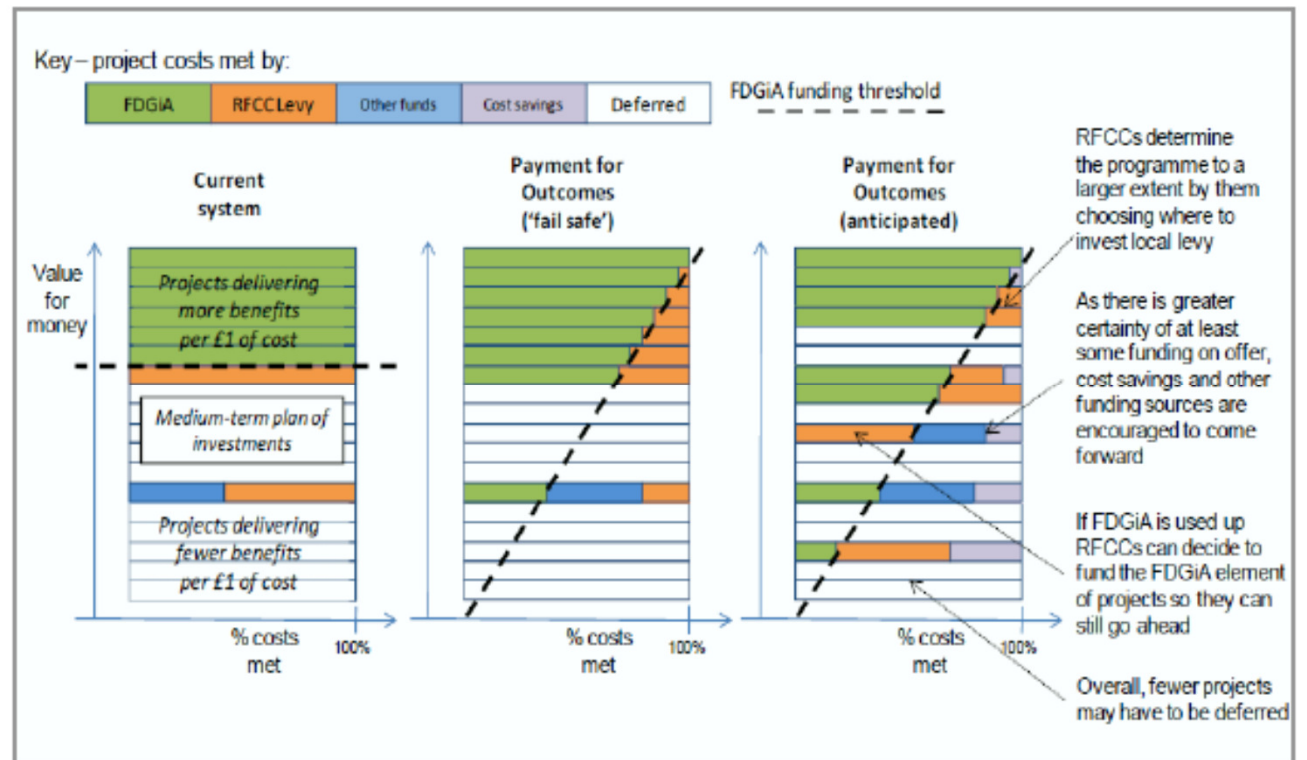
The LLFA is a statutory consultee for surface water on major developments (10 dwellings or more; or equivalent non-residential or mixed development).



Funding

Funding Streams:

- Funding for Lead Local Flood Authority
- Revenue Budget
- Flood Defence Grant in Aid - Partnership Funding
- Local Levy



£49 million has been allocated to **Birmingham** through GiA from central government and Local Levy within the 6 year programme for **new flood schemes**.



Kerry Whitehouse

0121 464 6142



@bhamcitycouncil



/birminghamcitycouncil

kerry.whitehouse@birmingham.gov.uk

birmingham.gov.uk