

Actions					Objectives										Programme						Costs Range		Partners		Priority				
ID	FRMP Action Name	Plan	Action Owner	Ward	Action description										2015	2016	2017	2018	2019	2020-2025	2025+	Other RMAs	Other Non RMAs						
					National		Partnership					Local																	
					N1	N2	N3	N4	N5	P1	P2	P3	P4	P5	P6	P7	L1	L2	L3	L4	L5								
1	BR-Groundwater Risk Map	LFRMS	Bromley (FRM)	ALL	Build on understanding of historic groundwater flood events to establish formal understanding of areas at risk of groundwater flooding within the London Borough of Bromley. Work with EA to produce local groundwater flood risk map linked to conditions that result in flood risk to particular areas and review following future groundwater flood events. Incorporate into Borough's Strategic Flood Risk Assessment.																		less than £100k	Partnership EA	BGS	Critical			
2	BR-Groundwater monitoring	LFRMS	Bromley (FRM)	ALL	Borough wide review of existing groundwater monitoring sites (boreholes) in relation to areas at risk within London Borough of Bromley. Review with EA potential requirements for additional sites. Review telemetry arrangements at existing and proposed sites.																			less than £100k	Partnership EA	BGS	Very High		
3	BR-Groundwater warning	LFRMS	Bromley (FRM)	ALL	Review groundwater provision in local and multi-agency flood plans for Borough. Review the potential to use local groundwater flood risk map to identify groundwater flood warning areas. Work with EA to seek to establish triggers for 'alert', 'warning' and 'server warning' categories or similar for groundwater flood warning areas. Raise awareness of residents and business within groundwater flood warning areas over local flood risk and what they might be able to do to prepare themselves / their property.																				less than £100k	Partnership EA	Emergency Planning	High	
4	BR-Culvert Blockage Risk Assessment	LFRMS	Bromley (FRM)	ALL	Desktop exercise to review residual risk of culvert blockage throughout non-main river across the Borough. Look at options to include surface water systems / catchments in study area. Use to prioritise asset condition surveys.																			less than £100k	TWUL, Highways Authority		Very High		
5	BR-Borough wide storage and FRM	LFRMS	Bromley (FRM)	ALL	Borough wide - seek opportunities for incorporating storage or other FRM measures alongside other activity (e.g. public realm works, highways works and to parks and open spaces) subject to funding.										Ongoing						£500k to £1M	Highways Authority	Planning, Public Realm, Parks, Residents associations	High					
6	BR-Borough wide runoff management	LFRMS	Bromley (FRM)	ALL	Borough wide - Promote interception of roof runoff into back gardens and/or front permeable paving and replace footways with permeable tarmac.										Ongoing						£500k to £1M		Planning, Transport	High					
7	BR-Runoff neutral parks and open spaces	LFRMS	Bromley (FRM)	ALL	Borough wide - make parks and greenspaces runoff neutral as opportunities arise										Ongoing								Parks and open space	Moderate					
8	BR-Lake siltation	LFRMS	Bromley (FRM)	ALL	Borough wide - review with Environment Agency all council owned and operated lakes and impounded water bodies for water quality and siltation issues. Consider interventions										Ongoing							EA	Parks and open space	High					
9	BR-Green St Green area; review flooding	LFRMS	Bromley (FRM)	Darwin	Review regular flooding in Green Street Green area (Shire Lane) and interactions with downstream in conjunction with other measures in Chelsfield and Pratts Bottom Ward. Review action of A21 on flow paths and TWUL existing infrastructure.																			less than £100k	TWUL, Highways Authority	TfL	Moderate		
10	BR-Darwin Ward; Keep change of use under review	LFRMS	Bromley (FRM)	Darwin	Keep change of use under review - particularly with recent change in permitted development rights for change of use. (Planning)										Ongoing						less than £100k		Planning	Moderate					
11	BR-Jail Lane; review drainage issues	LFRMS	Bromley (FRM)	Darwin	Highway Drainage issues around Jail Lane near Charles Darwin School and Blackness Lane. Monitor drainage issues in this area.																			less than £100k	Highways Authority		Moderate		
12	BR-Coney Hall; GW issues, risk map	LFRMS	Bromley (FRM)	Hayes and Coney Hall, West Wickham	Groundwater and surface water issues along border of West Wickham Ward and Hayes and Coney Hall ward (Sparrows Den, Courtfield Rise, Bencurtis Park etc.). Working in partnership with the Environment Agency to improve Main River culvert function																			less than £100k	EA	Planning	Moderate		
13	BR-Coney Hall; GW issues, risk map	LFRMS	Bromley (FRM)	Hayes and Coney Hall, West Wickham	Hayes and Coney Hall and West Wickham integrated combined source study with Environment Agency on Ravensbourne South (West Wickham to Shortlands) looking into future alleviation options (including around Pickhurst Lane).																			less than £100k	EA	Planning	Moderate		
14	BR-St John Rigby/All Saints development review	LFRMS	Bromley (FRM)	Hayes and Coney Hall	Keep development of St John Rigby / All Saints site under review. (Planning)										Ongoing						less than £100k		Planning, Education	Moderate					
15	BR-Knoll/Husseywell Rec Grounds; FRM measures	LFRMS	Bromley (FRM)	Hayes and Coney Hall	Review opportunities for The Knoll and Husseywell Recreation Grounds, The Green and Pitsmead Avenue open spaces, Pickhurst Green, Boughton Avenue, Farleigh Avenue and Mead Way and Bourne Vale.																			£100k to £500k	Highways Authority	Planning, Open Spaces	Low		
16	BR-Whitehall/Parkfield Rec	LFRMS	Bromley (FRM)	Bromley Common and Keston	Review potential opportunities for attenuation in Whitehall and Parkfield Recreation Grounds for FRM measures.																			£100k to £500k		Planning, Open Spaces	Low		
17	BR-Bromley Common; OW and SW	LFRMS	Bromley (FRM)	Bromley Common and Keston	Review opportunities around Bromley Common open spaces (e.g. Bromley Golf Course) particularly ordinary watercourse and surface water management.																			less than £100k		MyTime / Riparian Owners	Low		
18	BR-Chelsfield; FRM links to Development	LFRMS	Bromley (FRM)	Chelsfield and Pratts Bottom	Monitor potential development in Chelsfield and opportunities for FRM measures. Review Green Street Green Bus Garage and Orpington Hospital plans and opportunities. (Planning)										Ongoing						less than £100k		Planning	Moderate					

Possible Funding Source

