

BOROUGH WIDE ACTION PLAN

CRITICAL DRAINAGE AREA	Est No. of residential properties at risk from the 100 year rainfall event ****	ACTION				RESPONSIBILITY				FINANCE		TIMING			REVIEW						
		ID	Description	Potential Locations	Benefit*	Priority Ranking	Lead Organisation	LFA Dept.	Primary Support	Other Stakeholders	Indicative Cost**	FUNDING SUITABILITY					Current Project Stage	Start Date	Approx. Duration	Frequency	Next Review Date
												LDP	S106	NFM	Green Infra	Other					
NCOL_001	16	1	Investigate specific surface water flood risk mitigation to manage overland flow and reduce risk of surface water flooding through the construction of basins and associated bunds or NFM at Middewick Range, utilising hydraulic modelling where appropriate.	Middewick Range	Reduction in properties flooded during high intensity rainfall events	High	ECC	FWM Team	CBC	Middewick Range	High	-	Yes	Yes	Yes	FDGA	Not commenced	2020	1 year	Annually	2021
		2	Consider installation of SuDS throughout the CDA to reduce surface water flooding depths and durations.	Various	Reduction in depth of flooding, improvements to biodiversity	Medium	ECC	FWM Team	Anglian Water and Essex Highways	CBC	Medium	-	Yes	-	Yes	-	Not commenced	2020	Ongoing	Annually	2021
		3	Ensure redevelopment of Conder Way Industrial Estate redevelopment applies best practice surface water management SuDS and fluvial flood risk mitigation.	Conder Way Industrial Estate	Reduction in surface water and fluvial flood risk, improvements to biodiversity	High	ECC	FWM Team	EA / Development Management	Anglian Water	Low	-	-	-	-	-	Not commenced	During Planning Period	Ongoing	Annually	2021
		4	Investigate suitability of Property Flood Resilience measures for properties in areas identified as high risk with the CDA, particularly surrounding Ranger Walk and Old Heath Road.	Various	Reduction in the impact of flooding to properties	Medium	ECC	FWM Team	Development Management	Local Resilience Forum / CBC	Medium	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
NCOL_002	63	5	Investigate specific surface water flood risk mitigation to manage overland flow and reduce risk of surface water flooding through the construction of basins and associated bunds or NFM, utilising hydraulic modelling where appropriate.	Abbey Field / Shrub End Playing Field	Reduction in properties flooded during high intensity rainfall events	High	ECC	FWM Team	CBC	Landowners	High	-	Yes	Yes	Yes	FDGA	Not commenced	2020	1 year	Annually	2021
		6	Consider installation of SuDS throughout the CDA to reduce surface water flooding depths and durations.	Various	Reduction in depth of flooding, improvements to biodiversity	Medium	ECC	FWM Team	Anglian Water and Essex Highways	CBC	Medium	-	Yes	-	Yes	-	Not commenced	2020	Ongoing	Annually	2021
		7	Review of land uses for the industrial and commercial units on Haven Road	Haven Road Industrial Estate	Increase resilience to commercial and industrial units at risk of flooding	High	ECC	FWM Team	Development Management	Local Resilience Forum	Low	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
		8	Appropriate maintenance of Ordinary Watercourse within CDA, including control of development adjacent to watercourse.	Unnamed Ordinary Watercourse	Ensure conveyance of watercourse and reduce impact on flooding	Medium	ECC	FWM Team	CBC		Medium	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
		9	Investigate suitability of Property Flood Resilience measures for properties in areas identified as high risk with the CDA, particularly surrounding Boome Court and Powell Crescent	Various	Reduction in the impact of flooding to properties	Medium	ECC	FWM Team	Development Management	CBC	Medium	-	-	-	-	-	Ongoing	2020	Ongoing	Biannually	Q3 2020
NCOL_003	75	10	Consider installation of SuDS throughout the CDA to reduce surface water flooding depths and durations.	Various	maintain low surface water flood risk within the CDA and offset the impact of climate change	Low	ECC	FWM Team	Anglian Water and Essex Highways	CBC	Medium	-	Yes	-	Yes	-	Not commenced	2020	Ongoing	Annually	2021
		11	Consider installation of SuDS throughout the CDA to reduce surface water flooding depths and durations. In with a focus along the main flow route through the CDA along Maldon Road.	Maldon Road	Reduction in depth of flooding, improvements to biodiversity	Low	ECC	FWM Team	Anglian Water and Essex Highways	CBC	Medium	-	Yes	-	Yes	-	Not commenced	2020	Ongoing	Annually	2021
NCOL_004	1	12	Consider implementation of flood warning and evacuation plan for Colchester Country Park, with focus on campers and overnight stays.	Colchester Country Park	Reduce risk to live of park users	High	ECC	FWM Team	Colchester Country Park		Low	-	-	-	-	Not commenced	2020	Ongoing	Quarterly	Q3 2020	
NCOL_005	45	13	Investigate specific surface water flood risk mitigation to manage overland flow and reduce risk of surface water flooding through the construction of basins and associated bunds or within NFM Highwoods Country Park, utilising hydraulic modelling where appropriate.	Highwoods Country Park	Reduction in properties flooded during high intensity rainfall events	High	ECC	FWM Team	CBC	Landowners	High	-	Yes	Yes	Yes	FDGA	Not commenced	2020	1 year	Annually	2021
		14	Property Level Protection to properties at high risk within the CDA, particularly on Havering Close.	Various	Reduction in the impact of flooding to properties	Medium	ECC	FWM Team	Development Management	CBC	Medium	-	-	-	-	-	Ongoing	2020	Ongoing	Biannually	Q3 2020
		15	Appropriate maintenance of Ordinary Watercourse within CDA, including control of development adjacent to watercourse.	Unnamed Ordinary Watercourse	Ensure conveyance of watercourse and reduce impact on flooding	Medium	ECC	FWM Team	CBC		Medium	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
NCOL_007	32	16	Investigate specific surface water flood risk mitigation to manage overland flow and reduce risk of surface water flooding through the construction of basins and associated bunds within the land to the west of Mile End Road, utilising hydraulic modelling where appropriate.	Land to east of Mile End Road	Reduction in properties flooded during high intensity rainfall events	High	ECC	FWM Team	CBC	Landowners	High	-	Yes	Yes	Yes	FDGA	Not commenced	2020	1 year	Annually	2021
		17	Investigate suitability of Property Flood Resilience measures for properties in areas identified as high risk with the CDA, particularly surrounding Golden Dawn Way, Hugh Dickson Road, Bergholt Road and Mile End Road.	Various	Reduction in the impact of flooding to properties	Medium	ECC	FWM Team	Development Management	CBC	Medium	-	-	-	-	-	Ongoing	2020	Ongoing	Biennially	2022
NCOL_008	109	18	Consider installation of SuDS throughout the CDA to reduce surface water flooding depths and durations.	Various	Maintain low surface water flood risk within the CDA and offset the impact of climate change	Low	ECC	FWM Team	Anglian Water and Essex Highways		Low	-	-	-	Yes	-	Not commenced	2020	Ongoing	Annually	2021
		19	Review of land uses for the industrial and commercial units on Colne Causeway industrial estate.	Colne Causeway Industrial Estate	Increase resilience to commercial and industrial units at risk of flooding	High	ECC	FWM Team	EA / Development Management	Local Resilience Forum	Low	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
		20	Appropriate maintenance of Ordinary Watercourse within CDA, including control of development adjacent to watercourse.	Potters Brook	Ensure conveyance of watercourse and reduce impact on flooding	Medium	ECC	FWM Team	CBC		Medium	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
NCOL_009	3	21	Ensure best practice drainage strategy and additional surface water management strategy is applied to the proposed redevelopment of Severalls Business Park.	Severalls Business Park	Maintain low surface water flood risk within the CDA and reduce peak surface water run off downstream	Medium	ECC	FWM Team	Development Management	CBC	Low	-	-	-	-	Not commenced	During Planning Period	Ongoing	Annually	2021	
		22	Review drainage network, capacity and gullies at locations of ponding through the CDA, including Fitzwalter Road, Lunden Court and Vint Crescent.	Various	Ensure drainage is increase surface water drainage network to reduce ponding	High	ECC	FWM Team	Anglian Water and Essex Highways		Medium	-	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021
NCOL_012	22	23	Review of land uses for the industrial and commercial units on Colchester Retail Park including property level protection if required.	Colchester Retail Park	Increase resilience to commercial and industrial units at risk of flooding	High	ECC	FWM Team	Development Management	Local Resilience Forum	Low	-	-	-	-	Not commenced	2020	Ongoing	Annually	2021	

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NCOL_015 NCOL_013	23	24	Consider installation of SuDS throughout the CDA to reduce surface water flooding depths and durations.	Various	Maintain low surface water flood risk within the CDA and offset the impact of climate change.	Low	ECC	FWM Team	Anglian Water and Essex Highways	Low	-	-	-	Yes	-	Not commenced	2020	Ongoing	Annually	2021	
		25	Investigate suitability of Property Flood Resilience measures for properties in areas identified as high risk with the CDA, particularly surrounding Victor Road and Lenz Close.	Various	Reduction in the impact of flooding to properties	Medium	ECC	FWM Team	Development Management	CBC	Medium	-	-	-	-	-	Ongoing	2020	Ongoing	Biennially	2022
	29	26	Investigate specific surface water flood risk mitigation to manage overland flow and reduce risk of surface water flooding through the construction of basins and associated bunds within the land behind Wivenhoe Town Cricket Club, utilising hydraulic modeling where appropriate.	Land to east of Wivenhoe Town Cricket Club	Reduction in properties flooded during high intensity rainfall events	High	ECC	FWM Team	CBC	Landowners	High	-	Yes	Yes	Yes	FDGA	Not commenced	2020	1 year	Annually	2021
		27	Investigate suitability of Property Flood Resilience measures for properties in areas identified as high risk with the CDA, particularly surrounding Turner Close and Brook Street.	Various	Reduction in the impact of flooding to properties	Medium	ECC	FWM Team	Development Management	CBC	Medium	-	-	-	-	-	Ongoing	2020	Ongoing	Biennially	2022

* Benefit can include type of protection i.e. Identified depth above 0.5m or velocity greater than 2l/s etc (to replace classification requirements in old template)

**Indicative Cost - Low <£10k, Medium >£10k< £100k, High >£100k

*** Funding Suitability - ECC, District, EA, Contributions, NFM, Green Infrastructure

**** Based on a building threshold of 300mm