



LOCAL FLOOD RISK MANAGEMENT STRATEGY 2022 – 2028

Appendix 6 Flood risk management schemes



Contents

Overview	2
Completed flood risk management schemes (2015 – 2021)	3
Ongoing and proposed flood risk management schemes (2021 – 2027)	6

Overview

The tables below highlight the projects completed over the last investment cycle (2015 – 2021) and proposed for the current investment cycle (2021 – 2027). The list of schemes is not exhaustive and there is potential for additional projects to be proposed and delivered.

Completed flood risk management schemes (2015 – 2021)

Table 6.1 – Details of completed schemes

Scheme	Type of flood risk	Cost	Funding source(s)	Lead authority	Type of infrastructure
Albert Dock flood wall	Tidal	£6,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ LGF 	Environment Agency	Aboveground structure
Humber Hull Frontages	Tidal	£42,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ Highways England 	Environment Agency	Aboveground structure
Hull and Holderness flood alleviation scheme	Tidal	£5,200,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ LGF ▪ ERYC 	East Riding of Yorkshire Council	Aboveground structure
Hessle Foreshore tidal defence	Tidal	£11,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ ERDF ▪ LGF 	East Riding of Yorkshire Council	Aboveground structure
River Hull Defences	River	£59,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ LGF 	Environment Agency	Aboveground structure
River Hull +	River	£3,500,000	<ul style="list-style-type: none"> ▪ ERDF 	Hull City Council	Nature based solutions
Trash screen at Sand Dyke	River	£31,200	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Aboveground structure
Capital maintenance - access platform at Setting Dyke and Sand Dyke trash screens	River	£16,000	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Aboveground structure

Hull City Council
LOCAL FLOOD RISK MANAGEMENT STRATEGY 2022 – 2028

Capital maintenance - access platform at Orchard Park Road trash screen	River	£31,000	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Aboveground structure
River Hull natural flood management feasibility study	River	£92,000	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Innovation
Willerby and Derringham flood alleviation scheme	Surface water	£14,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ ERDF 	East Riding of Yorkshire Council	Aboveground structure
Cottingham and Orchard Park flood alleviation scheme	Surface water	£22,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ LGF 	East Riding of Yorkshire Council	Aboveground structure
Anlaby and East Ella flood alleviation scheme	Surface water	£21,000,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ LGF 	East Riding of Yorkshire Council	Aboveground structure
Property flood resilience - Bexhill Avenue	Surface water	£12,000	<ul style="list-style-type: none"> ▪ FDGiA ▪ HCC 	Hull City Council	Property flood resilience
Property flood resilience - Atlanta Court	Surface water	£8,800	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Property flood resilience
Aquagreen - Gleneagles flood alleviation scheme	Surface water	£25,000	<ul style="list-style-type: none"> ▪ Environment programme 	Hull City Council	Nature based solutions
Aquagreen - Kingfisher Close	Surface water	£25,000	<ul style="list-style-type: none"> ▪ Environment programme ▪ Local levy 	Hull City Council	Nature based solutions
Aquagreen - Lambwath Stream	Surface water	£19,000	<ul style="list-style-type: none"> ▪ Environment programme 	Hull City Council	Nature based solutions

Hull City Council
LOCAL FLOOD RISK MANAGEMENT STRATEGY 2022 – 2028

			<ul style="list-style-type: none"> ▪ Local Levy 		
Aquagreen - Willerby Carr daylighting scheme	Surface water	£55,000	<ul style="list-style-type: none"> ▪ Environment programme 	Hull City Council	Nature based solutions
Aquagreen - Howdale Road flood alleviation scheme	Surface water	£32,000	<ul style="list-style-type: none"> ▪ Environment programme ▪ Yorkshire Water 	Hull City Council	Nature based solutions
Aquagreen - Bristol Road flood alleviation scheme	Surface water	£35,000	<ul style="list-style-type: none"> ▪ Environment programme ▪ Local Levy ▪ HCC 	Hull City Council	Nature based solutions
Aquagreen - Barbara Robson flood alleviation scheme	Surface water	12,500	<ul style="list-style-type: none"> ▪ Local Levy ▪ Yorkshire Water 	Hull City Council	Nature based solutions
Bransholme pumping station	Surface water	£16,000,000	<ul style="list-style-type: none"> ▪ Yorkshire Water 	Yorkshire Water	Sewer and pumping station

Ongoing and proposed flood risk management schemes (2021 – 2027)

Table 6.2 – details of ongoing and proposed schemes

Scheme	Type of flood risk	Cost	Allocation	Funding source(s)	Lead authority	Type of infrastructure
Holderness Drain flood alleviation scheme	River	£28,000,000	ongoing	<ul style="list-style-type: none"> ▪ FDGiA ▪ LGF ▪ Highways England ▪ Local Levy ▪ HCC ▪ ERYC 	Environment Agency	<ul style="list-style-type: none"> ○ Nature based solutions ○ Pumping station
Hull’s Dynamic Drains	River	£35,000	2021/23	<ul style="list-style-type: none"> ▪ WEIF ▪ FDGiA 	Environment Agency	<ul style="list-style-type: none"> ○ Nature based solutions
Living with Water SuDs retrofit	Surface water	£50 million	2021-2026	<ul style="list-style-type: none"> ▪ FDGiA ▪ AMP7 	Yorkshire Water	<ul style="list-style-type: none"> ○ Nature based solutions
Sand Dyke catchment improvements	River	£60,000	2022/23	<ul style="list-style-type: none"> ▪ FDGiA ▪ Yorkshire Water 	Hull City Council	<ul style="list-style-type: none"> ○ Above ground structure ○ Nature based solutions
Setting Dyke (National Avenue to Priory Park Primary School) FAS	River	£150,000	2022/23	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	<ul style="list-style-type: none"> ○ Aboveground structure ○ Nature based solutions
Foredyke stream trash screen	River	£60,000	2023/24	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Aboveground structure
Wawne Drain trash screen renewal	River	£60,000	2023/24	<ul style="list-style-type: none"> ▪ FDGiA 	Hull City Council	Aboveground structure

Hull City Council
LOCAL FLOOD RISK MANAGEMENT STRATEGY 2022 – 2028

Wawne Drain and Foredyke stream access improvements	River	£60,000	2024/25	▪ FDGiA	Hull Council	City	Aboveground structure
Hull - Resilience for ground water flooding	Groundwater	£100,000	2024-26	▪ FDGiA	Hull Council	City	Innovation
Old Main Drain Storage for Holderness Drain	River	£50,000	2025/26	▪ FDGiA	Hull Council	City	<ul style="list-style-type: none"> ○ Aboveground structure ○ Nature based solutions
Counter Dyke outfall into Beverley & Barmston	River	£100,000	2026/27	▪ FDGiA	Hull Council	City	Aboveground structure
Common East Drain	River	£280,000	2026-28	▪ FDGiA	Hull Council	City	Aboveground structure
Outfalls into Fleet Drain, Hessle	River	£90,000	2027/28	▪ FDGiA	Hull Council	City	Aboveground structure
Cottingham and Newland Beck Culverts survey	Surface water	£50,000	2027/28	▪ FDGiA	Hull Council	City	Innovation