

Wampool Catchment Action Plan

Action Required	Issues being addressed	Project Name	Project description	Status						
				Proposed idea	Developed idea	Appraisal/ Scoping	Agreed as feasible	Funded project	Current phase complete	Complete
Enhancing Agri-Environments Improving farm infrastructure and land management	<ul style="list-style-type: none"> • Water Quality – Diffuse water pollution from agriculture • Biodiversity – Poor in-stream habitat • Biodiversity – Poor habitat in wider catchment 	Catchment Sensitive Farming	Natural England Initiative to provide training, advice and grant support for farmers and land managers to reduce water and air pollution from agriculture					Ongoing - Funded by Natural England		
		Environmental land management tests and trials	Consultations and sub catchment planning to inform future agri-environment schemes			Funded by DEFRA				
		Bowness peninsula Facilitated Farmers group	Farmer group who meet monthly with guest speakers and demonstrations to share best practice					Funded by Natural England		
		Channel maintenance for multiple benefit	Environment Agency and West Cumbria Rivers Trust project providing advice to farmers on channel maintenacne to promote biodiversity, 'slowing the flow' and wider habitat diversity whilst maintaining land drainage.					2019 - Funded by Environment Agency		
		Wampool catchment restoration	Suite of measures across the catchment to reduce diffuse pollution from agriculture and improve in-channel and catchment habitat diversity.							
Strengthening defences Engineered defences and infrastructure improvements to reduce flood risk	<ul style="list-style-type: none"> • Flood risk in Wigton • Flood risk to agricultural land 	Waver-Wampool Water Level management board	Explore the possibility and interest from the local community in establishing a water level management board				Led by Environment Agency & NFU			
		Wigton Flood defences	Infrastructure to reduce flood risk to Wigton, including culvert improvements, storage and rerouting. Environment Agency appraisals completed in 2018, construction planned for 2020.					Funded by Environment Agency		
Natural Flood Management Suite of measures to 'slow the flow' and hold water in the landscape	<ul style="list-style-type: none"> • Flood risk • Biodiversity – Poor habitat in wider catchment • Water Quality – Diffuse water pollution from agriculture • Resilience to drought 	Wiza beck Natural Flood Management	Suite of natural flood management measures in Wiza beck catchment, upstream of Wigton							
		Natural Flood Management for Kirkbride and East Woodside	Suite of natural flood management measures upstream of Kirkbride and East Woodside							
River Restoration Restoring natural river courses and functioning	<ul style="list-style-type: none"> • Flood risk • Resilience to drought • Biodiversity – Poor in-stream habitat 	Renaturalising the Wampool	Renaturalising sections of canalised stream to improve habitat diversity whilst maintaining their function as drainage channels							
Biosecurity Preventing spread of invasive non-native species	<ul style="list-style-type: none"> • Biodiversity – Poor in-stream habitat • Biodiversity – Poor habitat in wider catchment 	Planning against INNS	Raises awareness and promotes good biosecurity with contractors, builders, farmers and planners							
Invasive non-native species control Reducing the impact and preventing further spread of invasive non-native species	<ul style="list-style-type: none"> • Biodiversity – Poor in-stream habitat 	Cumbria freshwater Invasive non-native species initiative	Overarching strategy for tackling invasive non-native species across Cumbria							
		Invasive species control through catchment restoration project	Mapping distribution and controlling Himalyan balsam and Japanese knotweed through whole catchment project.							

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Peat restoration Restoring areas of degraded and eroded peat	<ul style="list-style-type: none"> Flood risk – to properties Biodiversity – Poor habitat in wider catchment Resilience to drought 	Cumbrian BogLIFE Wedholme flow	Restoration of lowland bog SSSI habitat, education & community events						Funded by Natural England & EU LIFE+	
		Biglands bog, Bowness common and Glasson Moss SSSI recovery	Restoration of lowland bog SSSI, Natural England are responsible for the protection of designated sites						Funded by Natural England	
Woodland creation and management Increasing cover of riparian and catchment woodlands and management of existing woodlands	<ul style="list-style-type: none"> Flood risk – to properties Resilience to drought Biodiversity – Poor habitat in wider catchment Biodiversity – Poor in-stream habitat Water Quality – Diffuse water pollution from agriculture 	Woodlands for Water and Keeping Rivers Cool	Working with landowners to create more woodland cover, especially in riparian areas. Building on existing work of the Woodlands Trust and Cumbria Woodlands							
Evidence gathering Increasing understanding of the current condition of the catchment	<ul style="list-style-type: none"> Evidence – Lack of information about the area 	Walkover surveys	Surveys of the condition of stream and river habitat undertaken by West Cumbria Rivers Trust						Funded by the Environment Agency	
		Fish barrier assessments	Survey the structures across the catchment identified as potential barriers to fish migration							
		Electrofishing surveys	Increase understanding of the populations of fish on the Waver and tributaries with a programme of electrofishing surveys							
Education & Engagement Increasing opportunities for people to learn, enjoy and volunteer for rivers	<ul style="list-style-type: none"> Engagement – Lack of access to rivers/opportunities to enjoy and learn about rivers 	Solway wetlands education	Solway AONB sessions for schools, colleges and community groups						Funded by Heritage Lottery Fund	
		Wild Rivers education	School visits and field trips to educate primary school children about how rivers work and how to look after them						Funded by United Utilities	
		River Watchers Wampool	Increase opportunities to access, engage and learn about rivers including guided walks, information and volunteer opportunities							