

March 2019

Arun & Western Streams Catchment Partnership - Delivered Projects

Sub-catchment	Project	Action	Details	Partners
Rother	Shopham and Duncton	Enhancement	Tree on native broadleaved and Black poplar planting to increase river shade, increase bank stabilisation and create bank side fish habitat.	ARRT, Woodland Trust, Sussex Wildlife Trust
Rother	Burton Mill Stream Improvements	Enhancement	Flint gravel and flow dynamics enhancement	ARRT, WTT, SDNPA, P&BAC, ARC project
Rother	Hammer Stream	Engagement	Engagement with farmers to test for turbidity and nitrates.	ARRT, EA, CSF
Rother	Costers Brook	Fish passage	Increasing fish passage by weir adjustment.	ARRT, WTT, EA
Rother	Shopham Bridge	Enhancement	Riffle creation and backwater creation.	ARRT, WTT, EA
Rother	Fittleworth Bridge		Fish pass	ARRT, EA
Ems	Deepsprings	Enhancement	In-channel enhancements	ARRT, PW, WTT
Ems	Watersmeet	Enhancement	Weir restoration. Flow augmentation.	ARRT, PW
Ems	Westbourne Mill	Scoping	Design report to increase fish passage.	ARRT, EA
Ems	Old Flour Mill, Queens Street	Fish passage	Adjustments to weir for fish passage	ARRT, EA
Ems	Old Rectory Close	Fish passage	Weir enhancement to improve fish passage.	ARRT, EA
Ems	Brook Meadow	Enhancement	Workshop for volunteers. Also addition of brush berms and woody deflectors to improve in-channel habitat.	ARRT, EA
Rother	Near petworth	Enhancement	Sediment trap	ARRT, CSF, Leconfield Estate
Rother	A Star - sediment project	Investigation	Investigation of how sediment moves downstream	SW, Portsmouth University
Rother	Smart project	Investigation	Investigation into sediment pathways	SDNP, Oxford / Northampton Universities, SW
Arun	Southern Water Drainage Action Plan	Action Plan	DAP proposes schemes to remove surface water from sewers and reduce flooding	
Arun	Surface Water Management Plan	Action Plan	Southern Water & Horsham DC (LLFA) working together to resolve local flooding issues	SW, Horsham DC
Arun	Chemicals Investigation programme (Horsham WWTW)	Investigation	AMP6 pharmaceuticals & AMP7 microplastics and anti-microbial resistance	SW
Arun	Horsham WWTW growth scheme			
Ems	Watersmeet	Enhancement	Desilting off line pond and improvements to control structures.	ARRT, WTT, PRT
Chichester harbour	Sussex SeaView Chichester Harbour	investigation exercise	benchmarking existing environmental legislation in a specific location to understand targets, actions and gaps in delivering environmental standards.	
Chichester harbour	Clear Seas	awareness campaign	targeted messages for boat users on how to adjust behaviours to protect the marine environment.	Chichester Harbour Conservancy
Chichester harbour	Valuing Chichester Harbour Shellfishery	ecosystem services model	collation of shellfishery and ecosystem services information together with the creation of a model to produce economic values for the shellfish harbour under differing water quality scenarios.	New Economics Foundation

Key	
ARRT	Arun & Rother Rivers Trust
WTT	Wild Trout Trust
SDNPA	South Downs National Park Authority
P&BAC	Petworth & Bognor Angling Club
EA	Environment Agency
CSF	Catchment Sensitive Farming
PW	Portsmouth Water
SW	Southern Water