



I will introduce you to Sarah Gelpke our new Wensum project officer and John Flowerdew Chair of the WCP.

We will update you on outcomes from last years objectives

What is the scope of the Ecology Group?

Define our plans for the coming year and beyond.

Formalising the Riverfly Monitoring

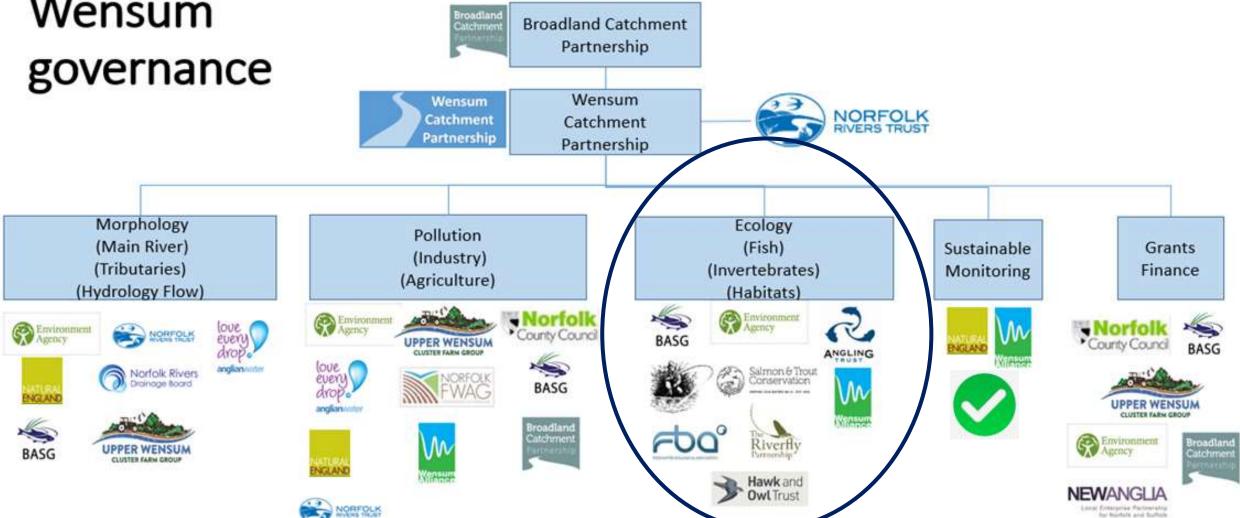
BioBlitz on the Headwaters this spring

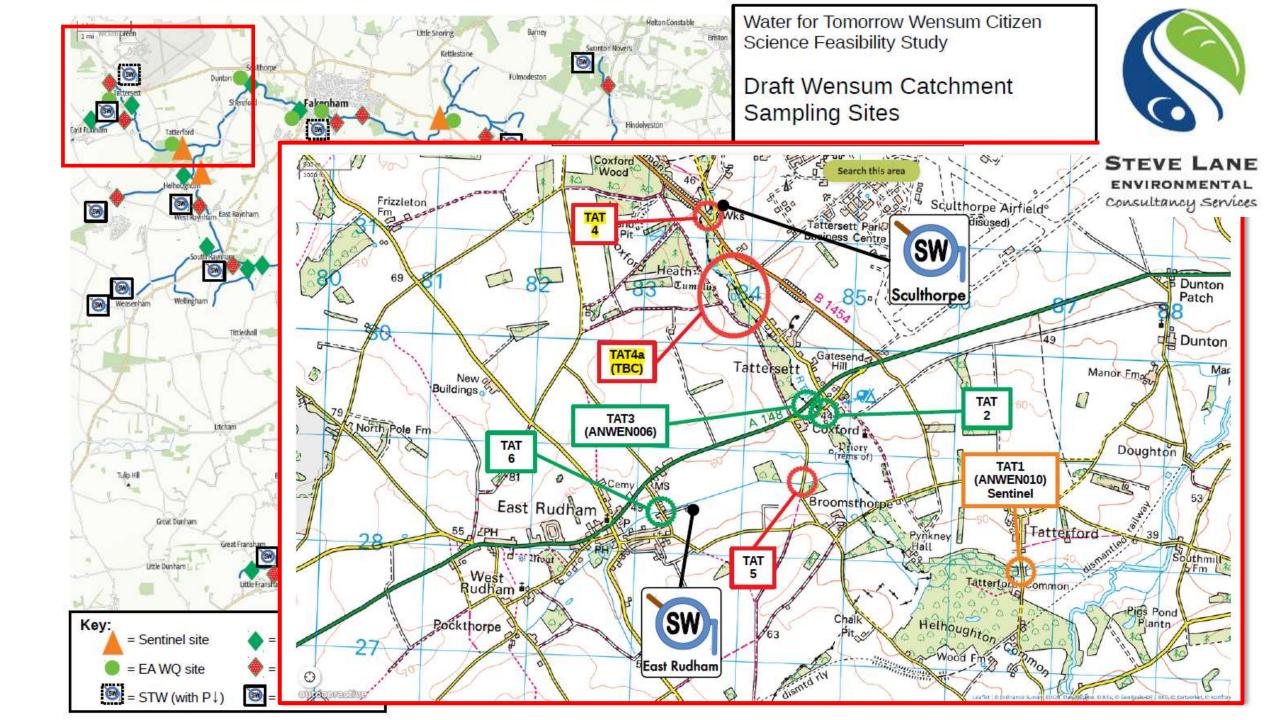
Seeking willing volunteers to engage with water quality monitoring on the

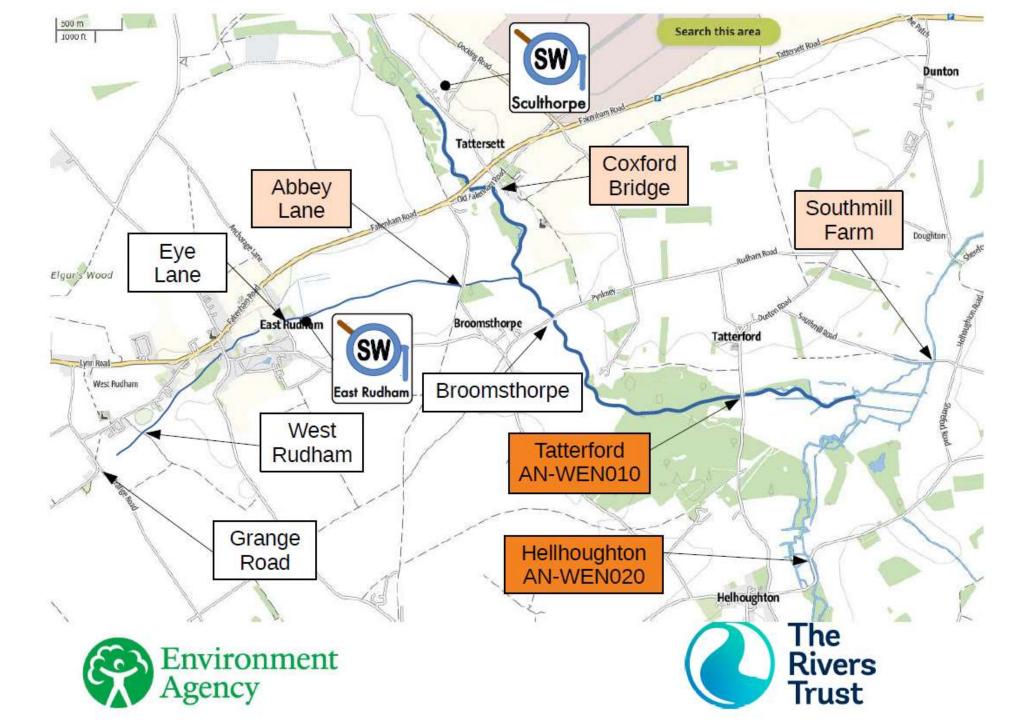
Headwaters

Reviewing and agreeing next steps and locations for potential fishery habitat improvements and connectivity

Wensum







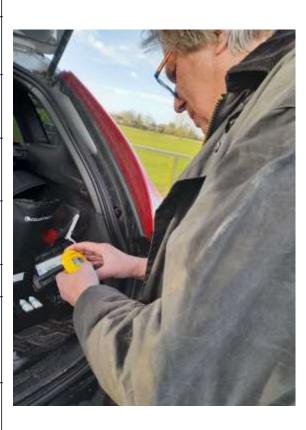


River Tat sampled on 23rd February 2022:

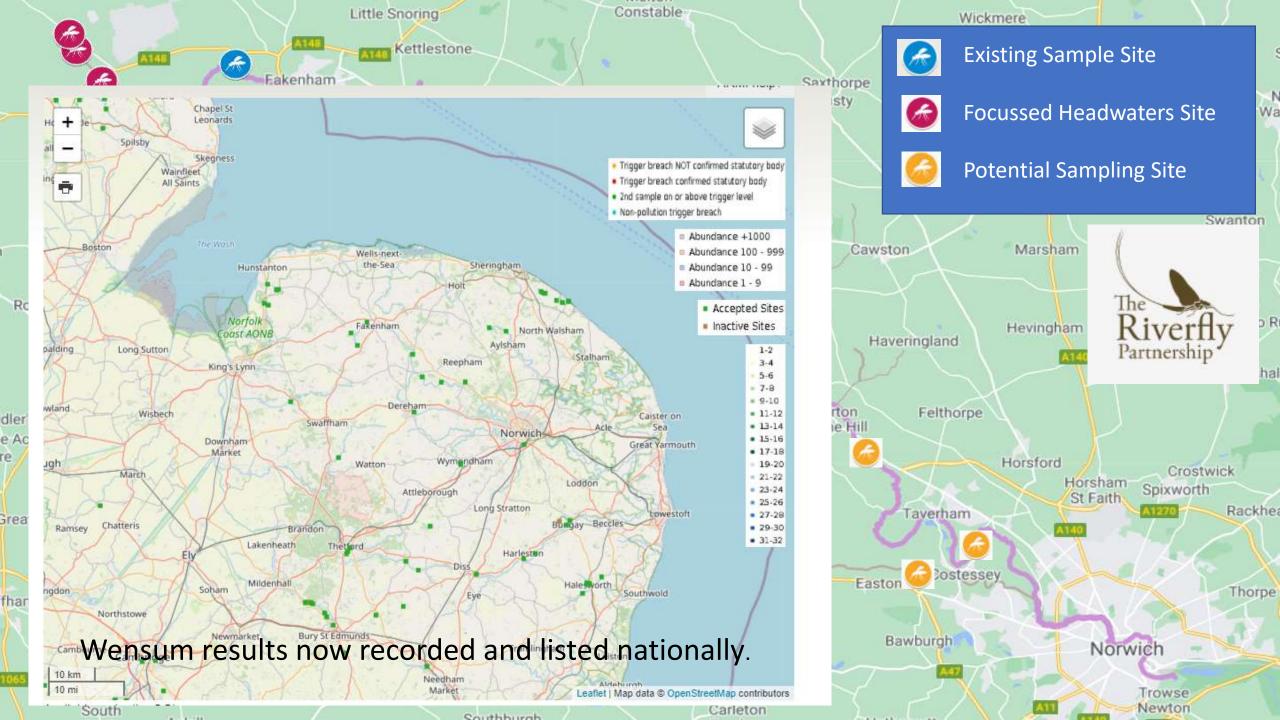
The following sites were sampled in the Tat catchment, together with two sites on the main River Wensum upstream and downstream of the confuence with the Tatn

Location	P (as	P (as	NH3	NO3-	NO2-	°C	DO %	TDS	EC	pН
	PO4 ⁻³)	PO4 ⁻ P)	N	N	N					
Coxford	0.64	0.2087	0.00	5	0	6.3	74.0	237	454	7.60
Bridge										
W.	0.31	0.1011	0.00	5	0	9.6	81.4	-	-	-
Rudham										
Eye Lane	0.34	0.1109	0.00	5	0	10.	95.9	282	570	7.70
						1				
Abbey	0.27	0.0880	0.00	5	0	7.2	85.9	256	510	7.60
Lane										
Broomsth	0.25	0.0815	0.00	5	0	8.5	81.0	247	512	7.73
orpe										
Tatterford	0.11	0.0359	0.00	5	0	8.1	81.8	241	496	7.9
Helhought	0.04	0.0130	0.00	5	0	8.1	85.8	272	548	7.99
on (Wens										
U/S)										
Southmill	0.13	0.0424	0.00	5	0	7.9	83.6	264	512	7.89
Farm										
(Wens D/S)	16.11									

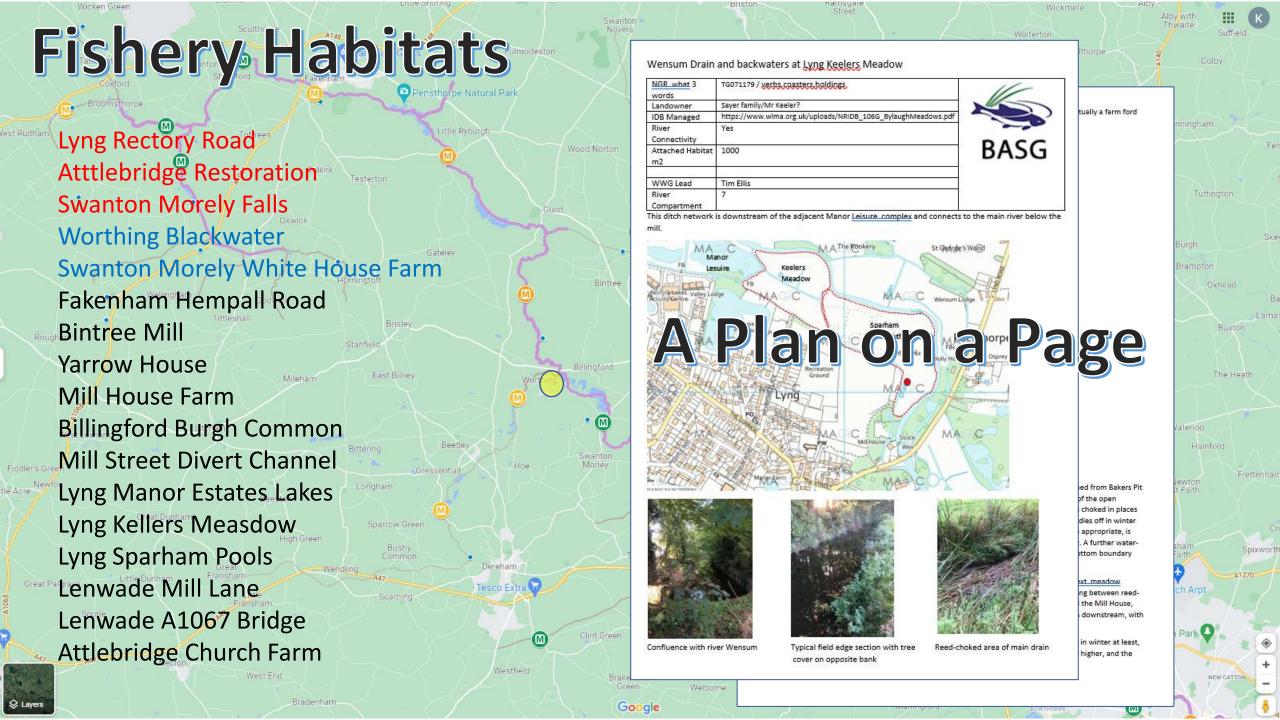




Readings in red fail to meet Wensum water quality targets (PO4-P = <0.04mg/l u/s Sculthorpe; DO=>85%)



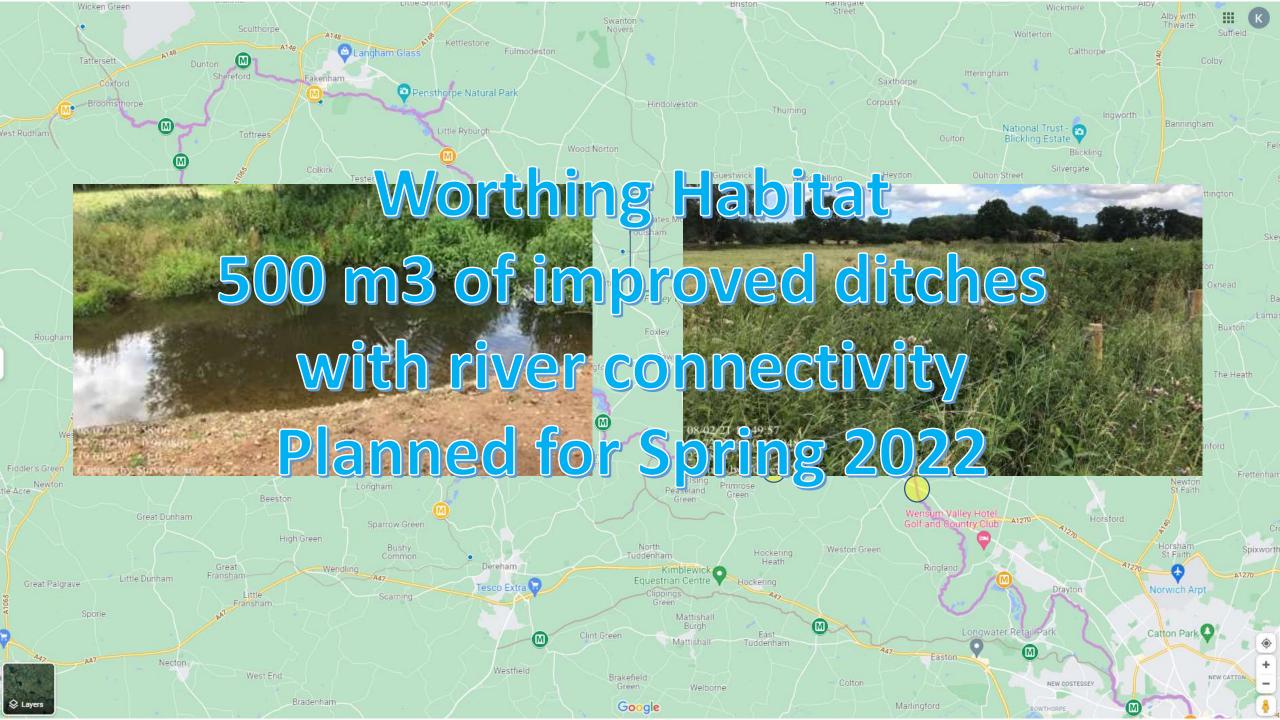


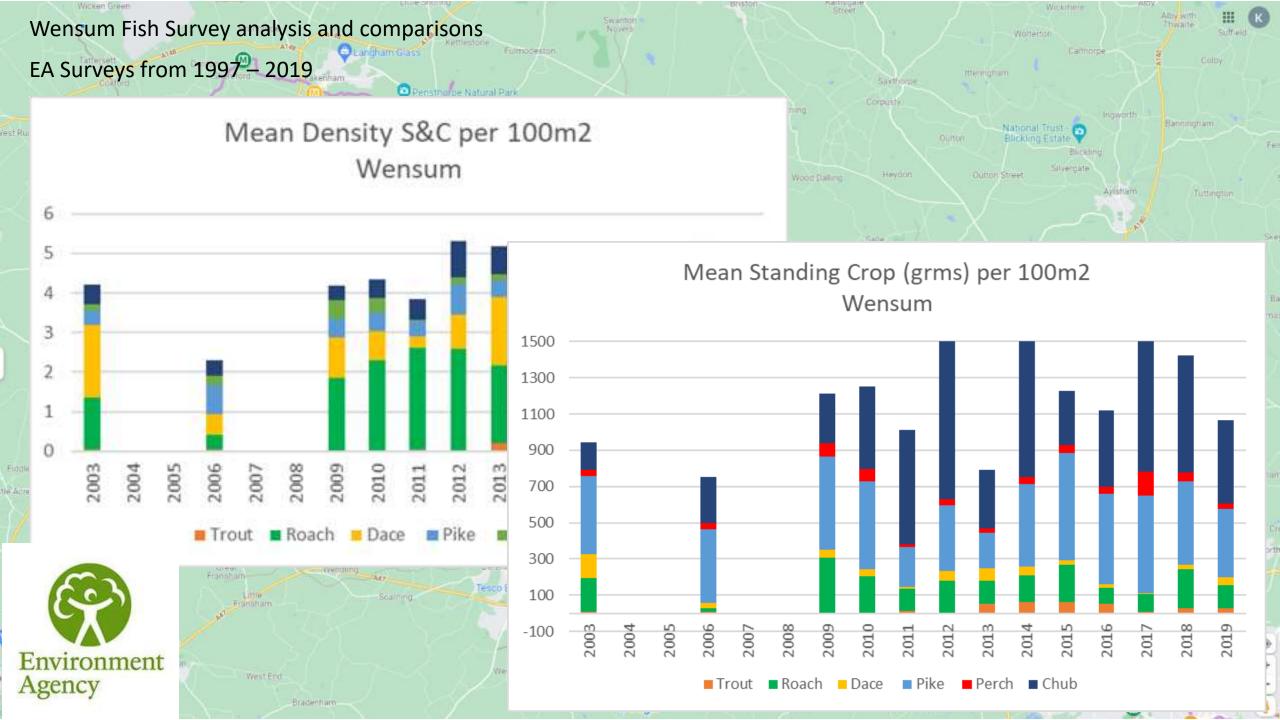


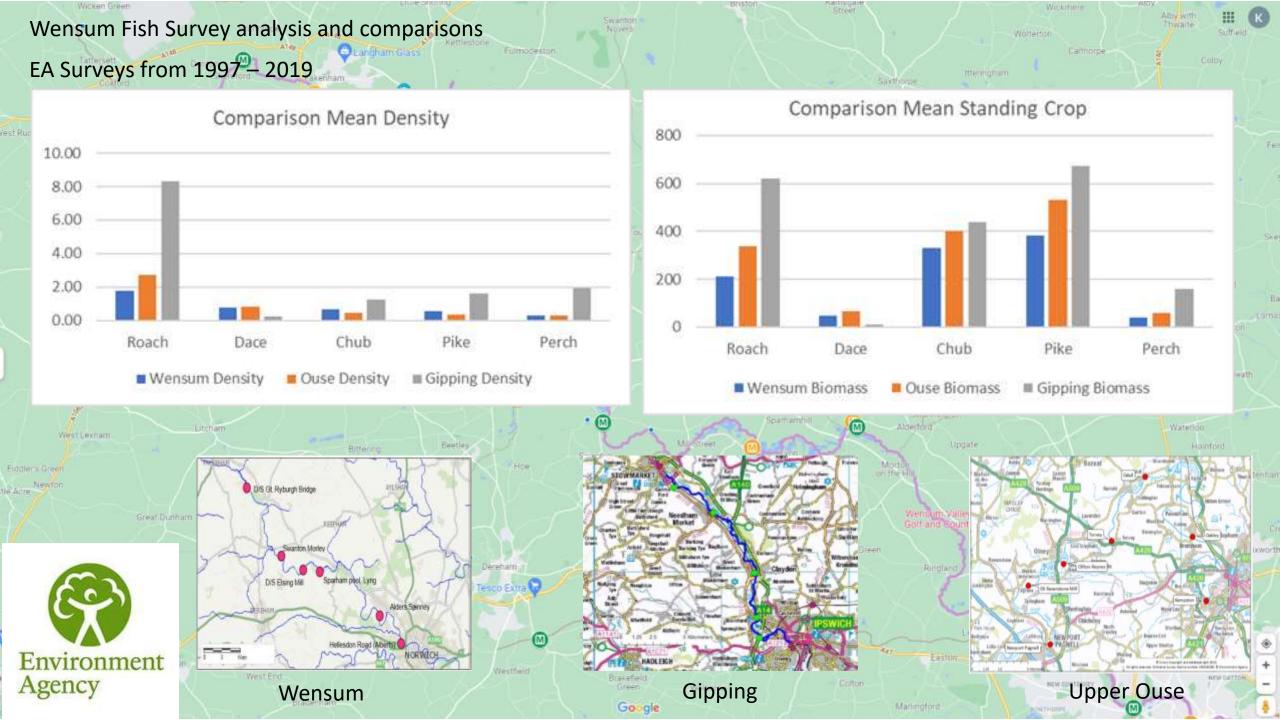






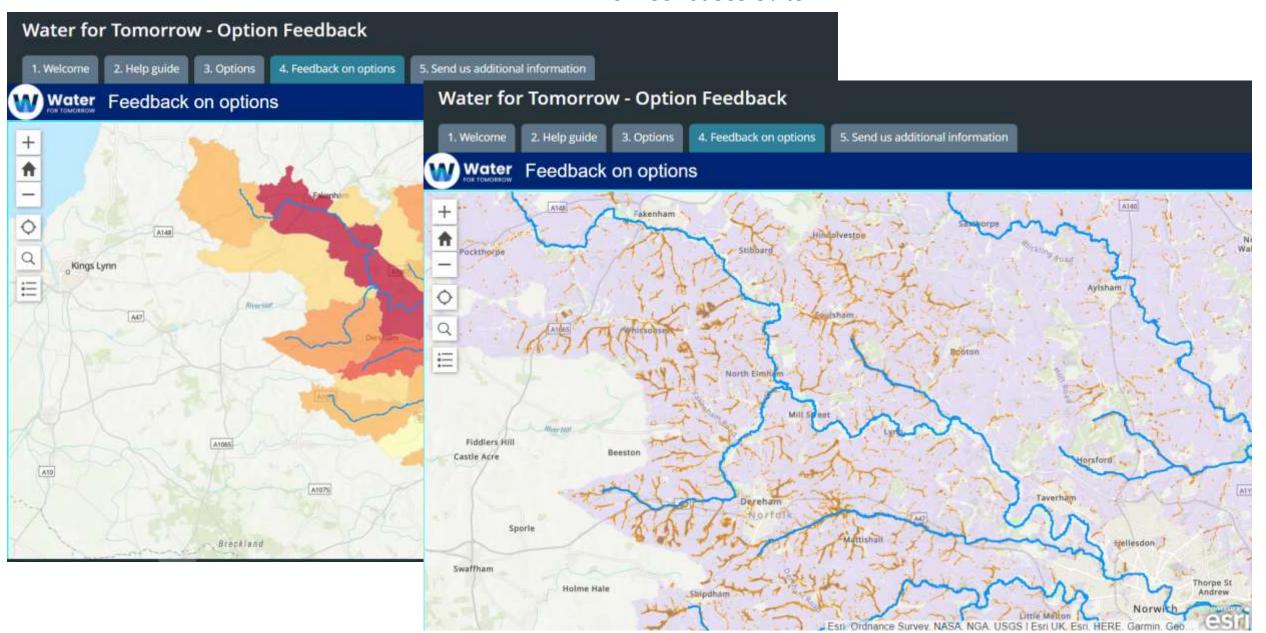






WRE – Water for Tomorrow Engagement

https://storymaps.arcgis.com/collections/5c95ad9da0e2499ab 451488ff6d8e5f9?item=1



Serial No	Title	Action	Defra DWP Task No	Lead	Target Date	Remarks
ECO-005	Invertebrate Monitoring	Implement a riverfly monitoring scheme for the river Wensum		Dennis Willis	May-20	Regular sites and possible focus events along the river
ECO-006	Habitat	Understanding the diversity of Habitats'		David Harper	Jun-20	
ECO-007	Habitat Middle Reaches	Provision of 150 SqM of additional off channel habitat and refuge annually (Middle and Lower Reaches)	W-DWP-019		Annually	Need to consider mtce of such features
ECO-008	Habitat Upper Reaches	Provision of 100 SqM of additional off channel habitat and refuge annually (Upper Reaches)	W-DWP-019	Kelvin Allen	Annually	
ECO-009	Habitat Macrohytes	Summarise the SSSI designations and understanding of macrophytes (plants) across all reaches of the Wensum, building on the 6 year Natural England assessment period.		David Harper	Aug-20	What is the current status of plant surveys both with EA and NE
ECO-011	Fish Limnophilic	Identify any adverse conditions that undermine(habitat, pathway etc) and make recommendations to the River Wensum catchment Partnership for rectification/referral of the issue as required		?	Dec-20	These are fish that spawn in gravels and fast water (Dace, Chub, Barbel, Trout)
ECO-012	Fish Rheophilic	Identify any adverse conditions that undermine(habitat, pathway etc) and make recommendations to the River Wensum catchment Partnership for rectification/referral of the issue as required		?	Dec-20	These are fish that spawn in macrophytes and structure (Roach, Bream, Perch, Pike)
ECO-013	Fish Migratory	Identify any adverse conditions that undermine(habitat, pathway etc) and make recommendations to the River Wensum catchment Partnership for rectification/referral of the issue as required		Jex Wood	Dec-20	Primaary focus on eel and sea trout passage
ECO-014	Fish Predation	To introduce a plan on predation for the Wensum		Roger Gibbons	Dec-20	
ECO-016	Non-Native Species Balsam	Continue to co-ordinate Norfolk Non-Native Species Initiative to remove Himalayan balsam			Annually	Joe has left NCC from Jan-20
ECO-018	Roach PhD	Assessing trace metal & pesticide pollution impact on Wensum Roach & Crayfish		Calum Ramage	Oct-22	