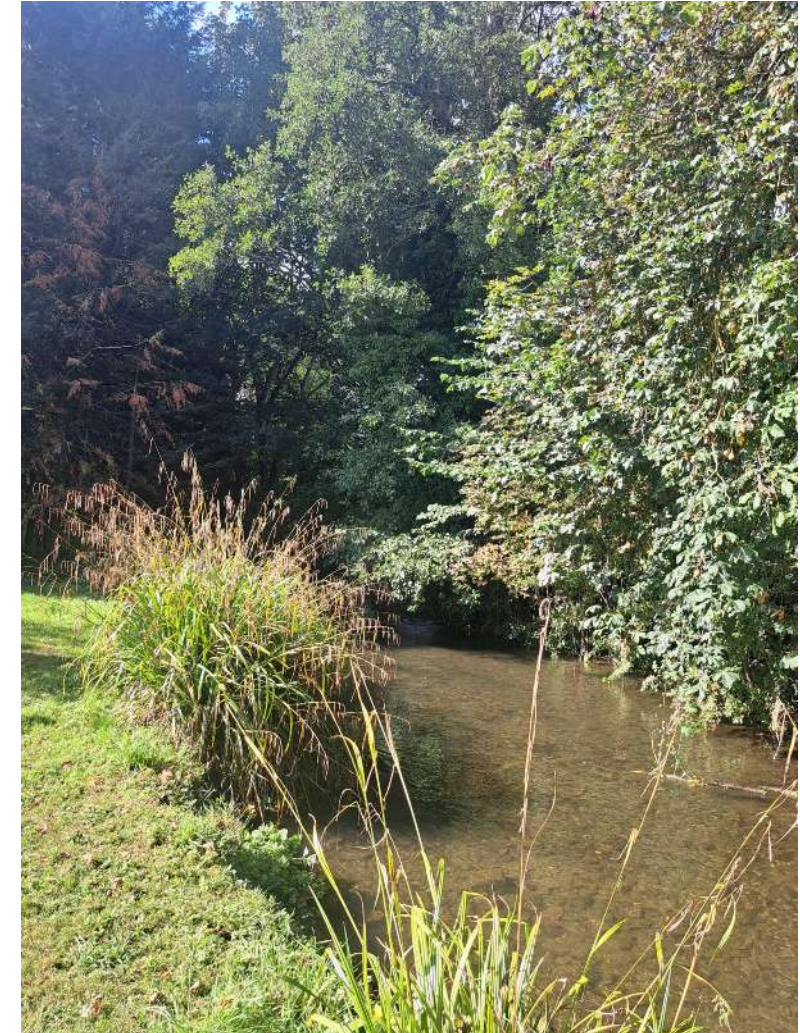
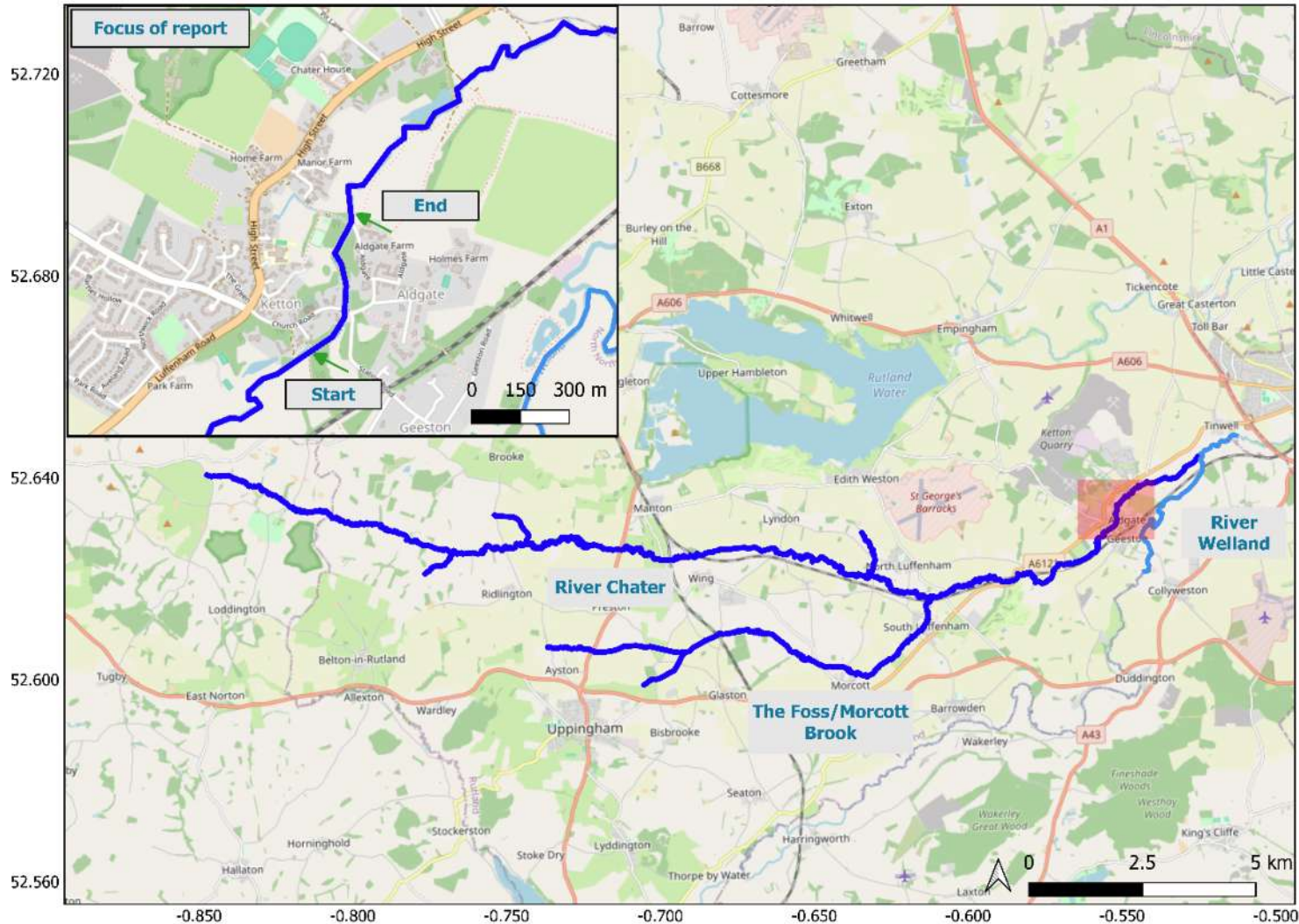


Proposals for enhancing the River Chater at Ketton



Proposed benefits



A better functioning river system



Public use and accessibility



Ecosystem health

Low investment option

Support natural wet habitat



Great natural habitat feature in the park

Recommendation:

- To use volunteers and manual tools to make one foot wider and deeper
- Provide one metre buffer when cutting the grass

Benefit:

- Greater water capacity
- Other vegetation will thrive when extended beyond canopy cover

Scalable investment Option

Support select banks with gravel



Recommendation:

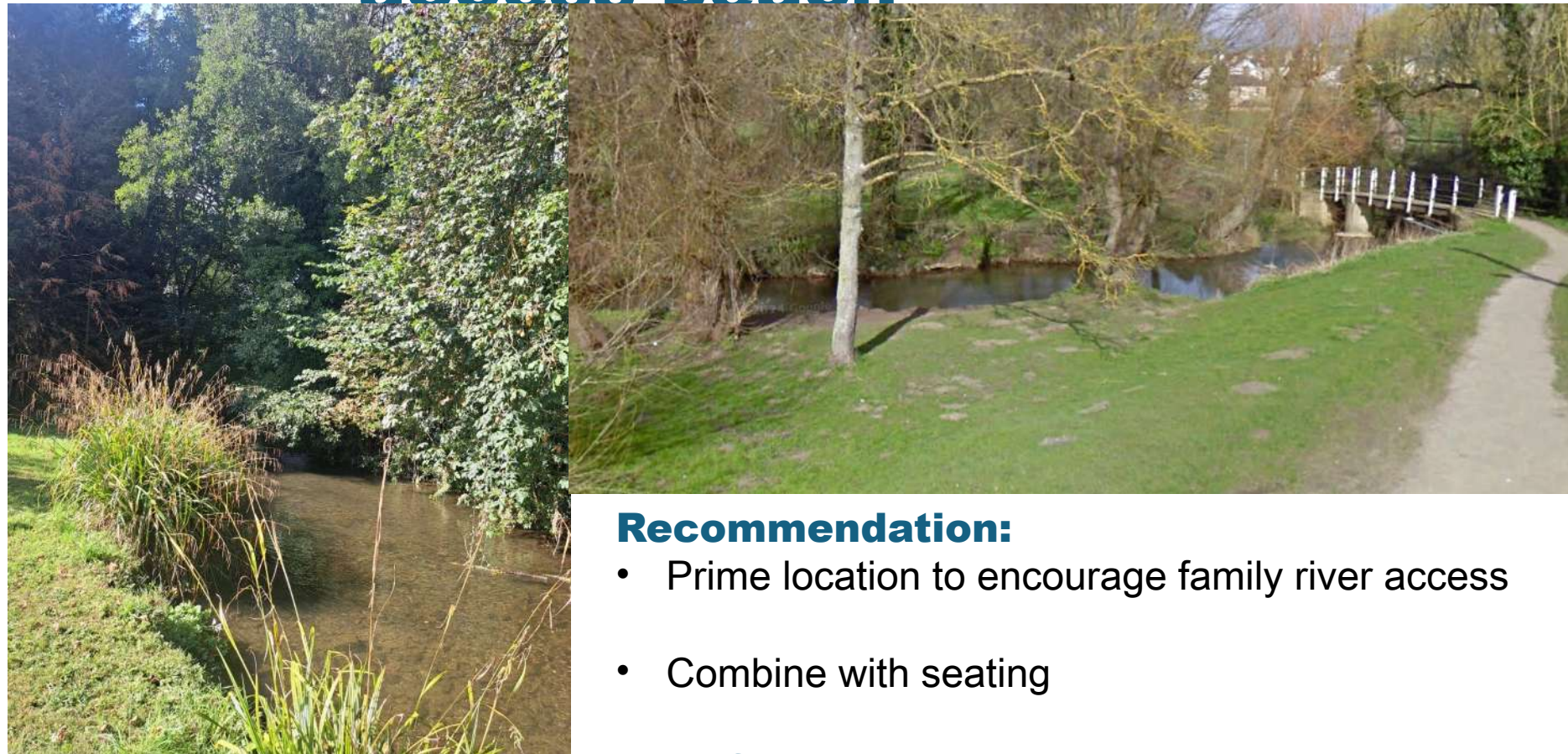
- Begin with small experimental locations
- Small dumper truck of limestone chips and manual labour

Benefits:

- Prevents fine sediment input and bank erosion caused by dogs
- No reason to discourage animal access in a community space
- Won't impact floods but will constrain low flows moving fine sediments downstream



Extend gravel berm to create access beach



Recommendation:

- Prime location to encourage family river access
- Combine with seating

Benefits:

- Prevents fine sediment input where access is already being sought
- Provides a location to teach and encourage the future wardens of the natural environment

Volunteer implemented River Restoration



Recommendation:

- Work parties can be led by the Wild Trout Trust with support from EMRT
- Selective tree hinging and berm placement to narrow low flows
- Little to no impact during high flows
- Will first need to check whether stakes can be driven into the bed

Benefits:

- Narrowing low flows will clean gravel of fine sediment
- Berms and hinged trees provide shelter for fish

Upstream River Restoration options

Range of methods suited to individual circumstance



Recommendation:

- A variety of options suited to individual landowners, locations, and land uses upstream could support the work in Ketton
- Options range from riparian tree planting and focusing livestock drinking areas to developing wetlands in select locations to support healthier summer flows
- Small streams and ditches can also be managed to stop deposit fine sediments on the land and prevent them being washed downstream
- Public benefit and potential to go into environmental schemes which can be discussed on a case by case basis



EMRT and the Wild Trout Trust are happy to provide advice and walkovers to scope sites

Contact details



Full Report available upon request

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Please do contact Sam with any questions, suggestions, or request and these will be shared with the team.