River Kent
Bowston Weir Removal

Artistic Illustrations
‘before’ and ‘after’

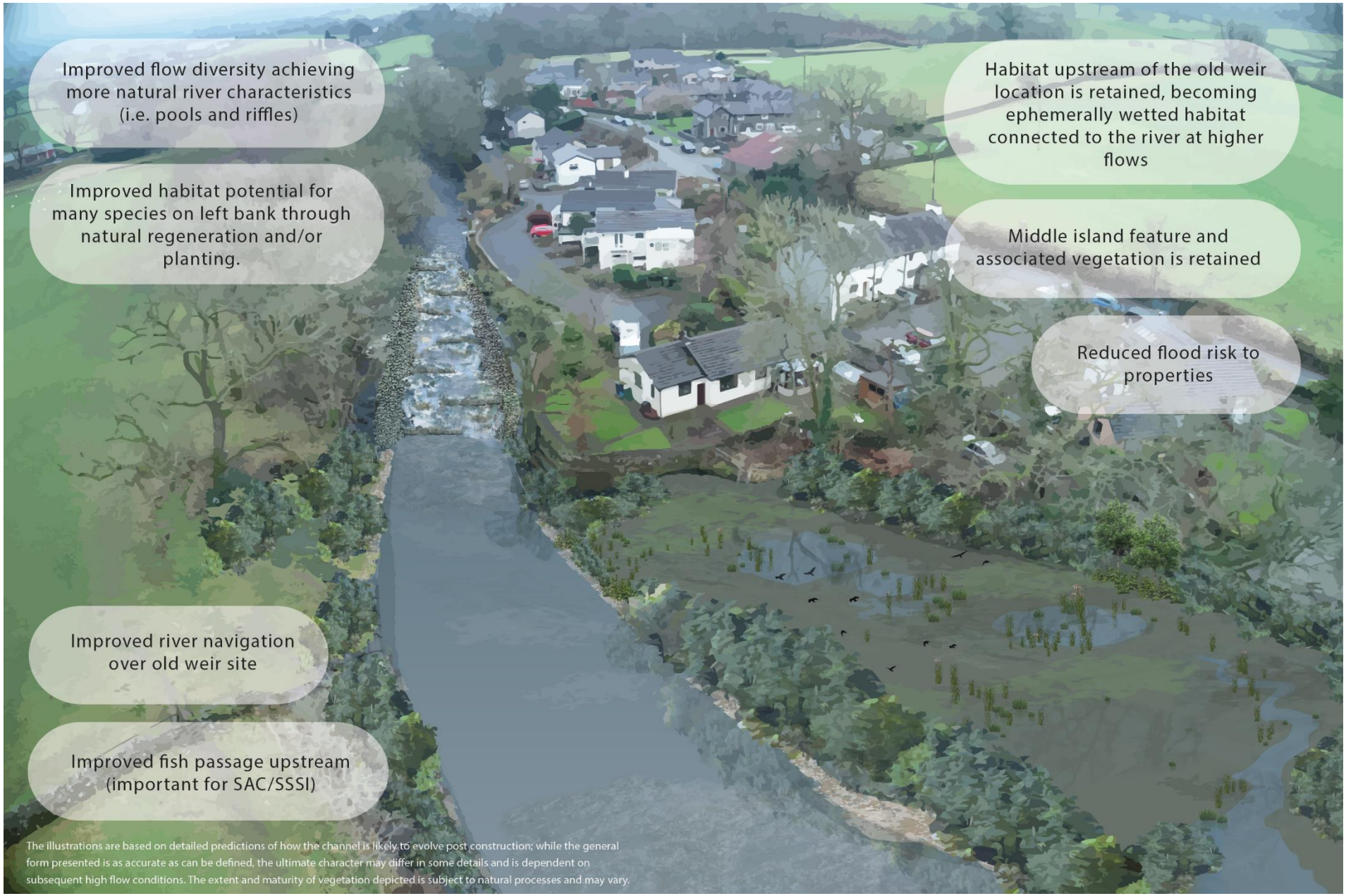
View downstream: before

Image Credits: AquaUoS

View downstream: after

Image Credits: cbec

The illustrations are based on detailed predictions of how the channel is likely to evolve post construction; while the general form presented is as accurate as can be defined, the ultimate character may differ in some details and is dependent on subsequent high flow conditions. The extent and maturity of vegetation depicted is subject to natural processes and may vary.


Improved flow diversity achieving more natural river characteristics (i.e. pools and riffles)
Improved habitat potential for many species on left bank through natural regeneration and/or planting.
Improved river navigation over old weir site
Improved fish passage upstream (important for SAC/SSSI)
Habitat upstream of the old weir location is retained, becoming ephemerally wetted habitat connected to the river at higher flows
Middle island feature and associated vegetation is retained
Reduced flood risk to properties
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Downstream section: before

Image Credits: cbec

Downstream section: After

Image Credits: cbec

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Downstream section: After

Image Credits: cbec

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Wider view downstream: after

Image Credits: cbec

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Wider view downstream: after
Image Credits: cbec
Pools and riffles establish over time
Significant benefit to River Kent SAC/SSSI habitats and species through the development of a more natural river channel
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