

The background of the slide is a photograph of a river, likely the River Kent. In the distance, a weir structure is visible, creating a series of cascades. The water is a mix of blue and green, with some white foam from the weir. The overall scene is somewhat hazy or misty, giving it a soft, artistic feel.

River Kent Bowston Weir Removal

Artistic Illustrations
'before' and 'after'


View downstream: before

Image Credits: AquaUoS



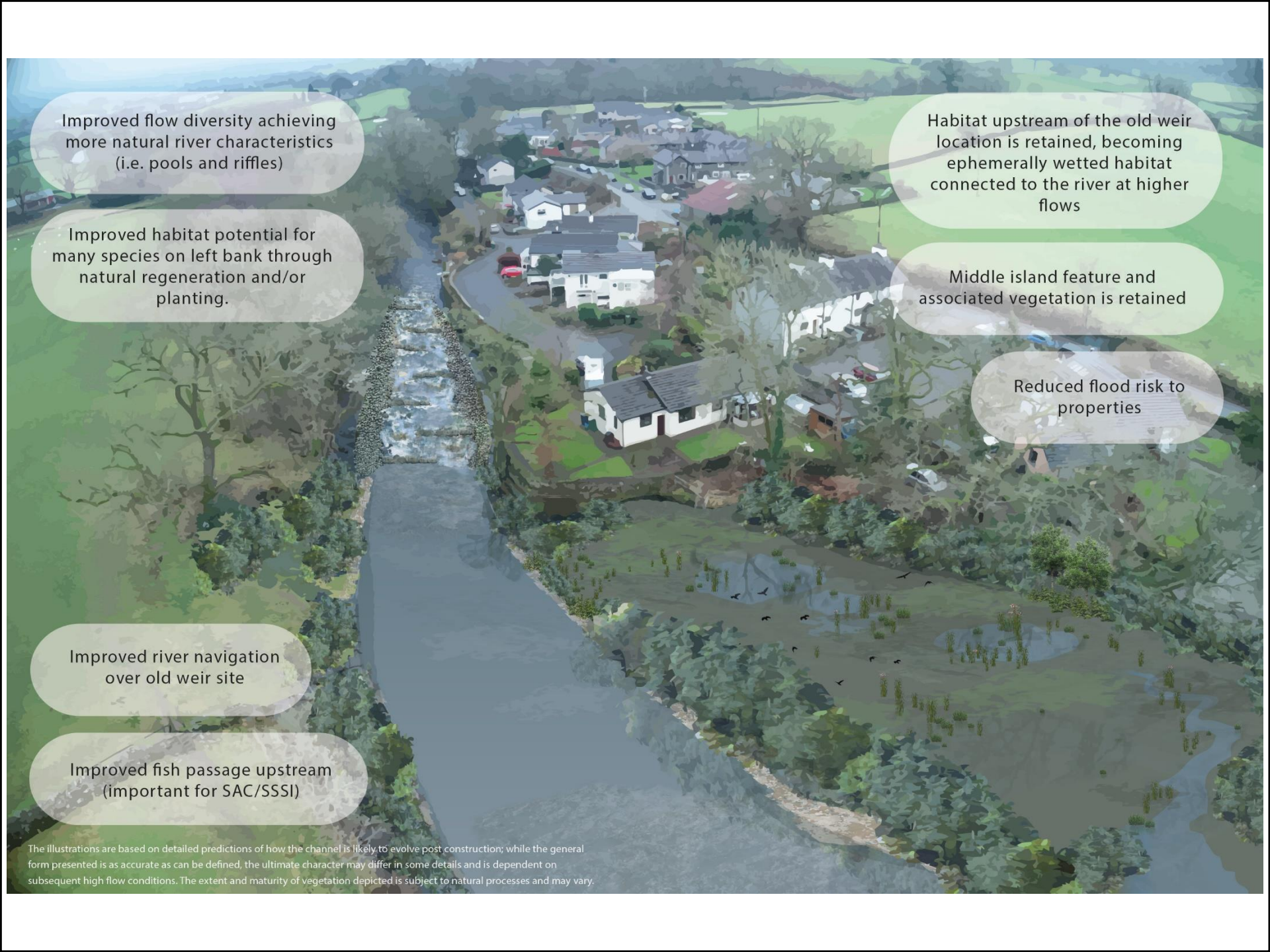
View downstream: after

Image Credits: cbec



The illustration shows a wide river channel flowing through a landscape. On the left bank, there is a dense line of trees and a stone wall. The right bank features a residential area with several houses, a parking lot, and a large open field. The river itself has a mix of dark water and lighter, rocky areas. The overall scene is a blend of natural and developed environments.

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.

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

Improved river navigation over old weir site

Improved fish passage upstream (important for SAC/SSSI)

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Downstream section: before

Image Credits: cbec



Downstream section: After

Image Credits: cbec

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Image represents low
flow conditions

Improved fish passage
upstream (important for
SAC/SSSI)

Improved river navigation
over old weir site

Reduced flood risk to
properties

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