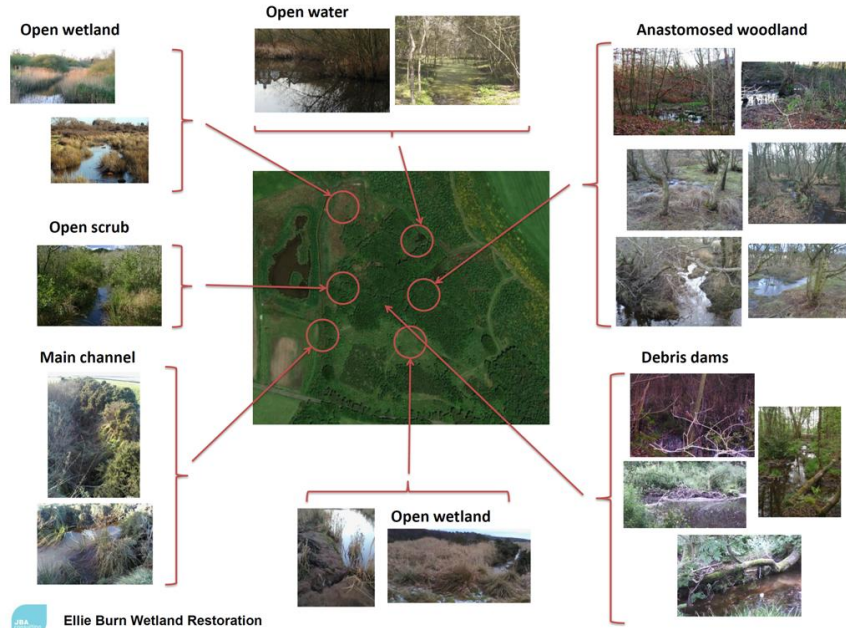


Ellie Burn Wetland Restoration Options

Contract Brief

JBA was commissioned by SEPA to undertake a study of an area of land adjacent to the Ellie Burn in Aberdeenshire. The Savoich Burn catchment in which the Ellie Burn is located has been classified as being at moderate status under the Water Framework Directive (WFD) due to the primary pressures of diffuse pollution and morphological alterations. The aim of the study was therefore to improve water quality on the Ellie Burn as well as the physical condition of the study area.



Successes

Multi-criteria analysis was undertaken to account for the benefits, limitations, costs and risks of the potential options for restoration.

The study presented recommendations for the future management of the area, as well as detailing the proposed implementation of a monitoring programme to track changes within the catchment.

Description

The Scotland River Basin District River Basin Management Plan aims to raise the status of a number of target catchments to 'good' by 2015. Part of this process involves the development and implementation of a set of physical catchment restoration plans for systems subject to diffuse pollution pressures. An opportunity exists to reduce these pressures through the restoration of a section of the Ellie Burn, where natural channel and floodplain morphology and dynamics may be re-established to reduce the fine sediment load entering the Savoich Burn. The study included the consideration of hydrology, water quality, land management and morphology, as well as including a detailed habitat survey and the production of a conceptual model of the area. A range of potential options for the restoration of the area presented within the report.

We would love to talk to you. Please call Caroline Anderton on 0131 319 2940 or email: caroline.anderton@jbaconsulting.com

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JBA project ref: 2010s4618



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