

DNAIRE FISH PASS SCHEMES

Client: Environment Agency and Aire Rivers Trust



















Value: £1.725 m

Duration: 2 years 2 months (Including design and planning process)

Project Detail

Suttles are working in partnership with the Environment Agency and Aire Rivers Trust to deliver the “Developing the Natural Aire” project, or DNAire. This is a flagship project with the ultimate objective of restoring iconic Atlantic Salmon populations to the River Aire, and re-connecting local communities with their river. The installation of fish passes on four weirs, will remove the last major barriers to migratory fish movement between the North Sea and Gargrave, opening up the river to salmon and coarse fish such as dace, chub and barbel, for these and other species to move freely up and down the river to find the best places to feed, breed and shelter. For more information please visit www.dnaire.org.uk

Project specific requirements are as follows:

-  Four outline fish pass designs, to the satisfaction of the Employer and in accordance with the stated parameters.
-  A visualisation/3D rendering of the proposed finished work at all locations.
-  Obtaining EA National Fish Pass Panel approval at all locations.
-  Application for planning permission for all fish passes.
-  Provision of a risk assessment detailing the Contractor’s perceived risks and proposed mitigation measures.
-  Application for a flood permit with flood risk assessment for all locations.
-  Application for archaeological and heritage consents for all locations.
-  Application for scheduled monuments approval for the Kirkstall site.
-  Application for listed building consent for the Armley, Kirkstall and Newlay weirs.
-  Application for mining searches for all locations.
-  Unexploded ordnance searches at all locations.
-  Obtaining any required impoundment licence for all locations.
-  A dilapidation survey prior to commencement of the work on site.
-  Riverbed contamination/sediment testing at all locations.
-  Preparation of detailed design packs for all locations.
-  Construction of the works. This has included temporary works, including cantilever sheet pile cofferdams and other de-watering solutions. Channels were constructed in high quality reinforced concrete, where appropriate, disguised with masonry and other traditional finishes.
-  Production of an Operations and Maintenance manual for all locations.
-  A photographic survey on Completion.



The project sees Suttles providing work placements from colleges and universities in Bradford and Leeds. This has a dual-purpose; to promote STEM subjects to local young people as STEM ambassadors and, through these placement students, they will in-turn visit local schools to promote engagement of young people with the River Aire and its ecology.

