



River
Restoration
Consultants

BioHaven®
Floating
Wetlands

frog
environmental

frog environmental

Aquatic Science & Ecology Experts



Water Quality Investigation

River & Lake Restoration

Protected Species

Aquatic Plant Management

River Surveys

Fish & Elver Passage

Water Quality Improvement

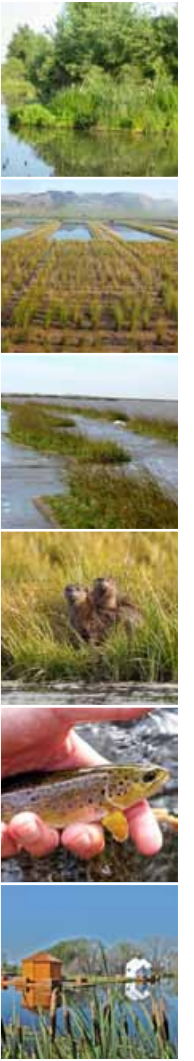
Wastewater Treatment & SuDS

Coastal & Inland Erosion Control

Habitat Creation & Biodiversity

Aquaculture & Horticulture

Integrated Landscape Solutions



Helping you deliver Water Framework Directive targets

frog environmental provide innovative approaches that are inspired by nature to protect and enhance aquatic environments.

Our expertise in assessing and managing water quality, sediment and habitats is supported by a range of surveying techniques, from the latest applications of GIS and remote aerial surveying to more traditional methods. We provide a flexible and cost effective approach to designing solutions aimed at restoring and maintaining biodiversity.

The social and economic importance of healthy aquatic environments cannot be overestimated, many years experience working as professional environmentalists have allowed us to develop strong ties with regulators and a collaborative approach to river restoration.

Our team enjoy determining survey requirements, designing and implementing solutions and conducting post project monitoring.

River Restoration Consultants

Our Services

- Protected species and habitat surveys
- River Habitat Survey and Urban River Survey
- Fish habitat and obstruction assessments, fish and elver passage design
- Invasive plant surveys, aquatic macrophyte and macroinvertebrate surveys
- Site investigations to determine chemical and biological water quality including heavy metal and nutrients, diatoms, phytoplankton, zooplankton and bacteria
- Biosecurity and Environmental Protection Plans
- Research and development
- Design, installation and maintenance of BioHaven Floating Treatment Wetlands

frog environmental is the EU knowledge hub for developing and delivering BioHaven® floating wetland projects. We provide a complete design, installation, maintenance and monitoring service.

BioHaven Floating Wetlands





frog environmental are aquatic specialists; expert in assessing and solving man made problems in lakes, rivers and canals.

Solutions to Polluted Waterways

Many of our waterways are suffering from pollution and eutrophication. We offer a range of consulting services to investigate and help resolve these problems with cost effective solutions.

Research & Development

frog environmental are passionate about research and work with a broad range of institutes to develop new restoration techniques. We have instigated many progressive research collaborations, applying academic resources to clients problems and delivering novel solutions.

Our research encompasses a broad range of river restoration topics including fisheries, horticulture, reducing the impact of Combined Sewer Overflows and phosphorus capture technologies.

Your Problems Solved

frog environmental work with a range of organisations that include multi-national corporations, national and regional charities and private landowners. Our team is dedicated to delivering a high standard of work set within our safety, health, environment & quality management system. As members of professional institutions we aspire to achieve best practice on all projects.

frog environmental in Action

Delivering Water Framework Directive targets

Working with the Crane Valley Partnership and local Charity, FORCE, frog environmental has developed a water quality monitoring network aimed at improving the WFD status of the River Crane. Key stakeholders include Thames Water, the Environment Agency and locally based charities & academic institutions. In establishing a Citizen Science programme of water quality monitoring the local community has become actively engaged with the project and now recognise the challenges facing their local river.

Habitat Enhancement and Protection

frog environmental are experts in habitat surveys, enhancement and protection. Survey work on the Alma Beck led to a number of proposals being developed to improve conditions for fish spawning, increased habitat and connectivity for otter and water vole. We worked closely with our client to ensure that the development improved biodiversity along the river, including the production of an environmental protection plan taking into account likely activities during and after the construction.

BioHaven® Floating Treatment Wetlands

BioHaven is a unique tool in helping to deliver Water Framework Directive targets, providing a highly versatile zero energy and zero chemical approach to improving water quality and creating habitat.

With over 5000 units installed across 5 continents BioHaven has been extensively proven to reduce nutrients, total suspended solids and heavy metals and improve Biochemical Oxygen Demand. This is backed by peer reviewed research and numerous case studies.

frog environmental continue to launch BioHaven projects across the UK and Europe with a client base covering sectors that include wastewater treatment, fisheries and landscape architecture.