

Case Study

Name	Atholl Hydro Schemes
Capacity	Planning and Appraisal
Client	Atholl Estate
Project Type	Hydro

Overview



Atmos Consulting provided Environmental Appraisal for three proposed Hydro Schemes located between Blair Atholl and Pitlochry, Perth and Kinross.

The Atholl Hydro schemes are three proposed run-of-river hydro schemes with an installed capacity of around 500 kW each. The Environmental Appraisal for the schemes covered the following areas:

- Planning Policy
- Landscape and Visual Assessment
- Ecology
- Hydrology
- Noise
- Cultural Heritage
- Recreation and Amenity

Site Challenges

The three proposed schemes are in close proximity to internationally protected sites, both a Special Area of Conservation (SAC) and Special Protection Area (SPA). We provided specialist ecological surveys and assessments to analyse the impact on these sites. Surveys included:

- Extended Phase 1 and National Vegetation Classification (NVC) surveys
- Protected Mammal surveys
- Breeding bird surveys
- Electro-fishing surveys
- Bryophyte surveys
- Fish habitat assessment
- Freshwater pearl mussel surveys

