

## Case Study Hall Farm Lake, Stainton le Vale



*"The removal of silt build-up and re-profiling the banks of Stainton Lake, with the addition of reed beds has already seen the benefit of a visiting bittern. We expect to see a vast improvement in both habitat and species as a result"*

Estate Manager, March 2010



**Chalk Streams**  
of Lincolnshire

The Lincolnshire Chalk Streams Project  
Tel: 01507 609740  
[www.lincswolds.org.uk](http://www.lincswolds.org.uk)

**Project location:**  
Stainton le Vale

**Date:**  
2009

**Cost:**  
Work was carried out by Olympic Plant Hire Limited at a cost of £55,250

**Site description:**  
The lake was suffering from an input of sediment from the surrounding land and build up of leaf litter from the adjacent trees.

**Special considerations:**  
Specialist surveys were carried out to identify protected species so that works would not impact on them.

**Completed project:**  
At Sutton's Estate, a HLS special project was undertaken in conjunction with the Estate and FWAG;

- Drained a 0.8ha lake and removed the build up of sediment within.
- Improved the management of the adjacent woodland, to encourage appropriate alder and willow species.
- Installed a filtration reed-bed, removed stock access to the feeder streams and re-graded the banks of the streams where possible.
- Installed a bird hide and pond dipping platform for use by visiting groups.

**Benefits:**  
The result will be a lake with better habitat for marginal plants, dragonflies, frogs and birds. Water vole and otter will thrive because of the improved bank side management and a bird hide will be installed for the public to enjoy the benefits.

