

## Case Study Waithe Beck, Brigsley



*'I am very pleased with the way the whole project was carried out and managed to a professional high standard. The contractors did a good job and showed care to the land surrounding the project area. The work done has greatly enhanced the chalk stream and adjacent areas and I will look forward to maintaining it for the benefit of all wildlife'*

*Landowner 2012*



**Chalk Streams**  
of Lincolnshire

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

**Project location:**  
Waithe Beck, Brigsley

**Date:**  
February 2012

**Cost:**  
The enhancement was undertaken by CLS Demolition Services at a cost of £9,433.

Funding was generously provided by;



**Site description:**

An over widened straight channel suffering with shade from trees and scrub.

**Special considerations:**

Flood defence consent was sought from the Environment Agency to ensure the work planned would not cause a flood event.

**Completed project:**

- Removal of blackthorn scrub from bank top
- Reduced no of trees along the bank side
- Installation of 10 log flow deflectors
- Installation of 2 gravel side berms

**Benefits:**

- Increased sunlight entering channel to encourage aquatic vegetation
- Deflectors will help to create a sinuous channel to improve flow velocity
- Woody debris will provide habitat for invertebrates
- Gravel berms will reduce bank erosion and create a narrow deep section to provide habitat for adult fish species like the brown trout.

