

Case Study



Truxor Weed Clearance and De-Silting

Client - North Lincolnshire County Council

Project Length - 4 weeks

Project Value - £55,000

Project - Bottesford Beck

Key Issues

- Beck significantly raised over 10 year period
- Increased inflows in the river were causing erosion
- Extensive sedimentation in sections of the beck
- Large volumes of dense weed causing blockages
- Difficult access and 8,000m linear length

Client Requirements

The residents and local landowners had noticed over a 10 year period that the Bottesford Beck had raised 2ft higher than its historic level. This was causing concerns over the potential for flooding. In addition to this, high flow rates and increased inflows into the

beck were causing significant erosion. The fact the beck was in residential areas and the 8,000m linear length meant standard machines were not viable for the project.

Solution

Ebsford initially cleared a central channel of all in water vegetation, the aim of this was to promote flow and direct it away from the banks, slowing down the erosion. Once this was complete, the Truxor machine fitted with a vacuum suction unit removed circa 1,500m³ from the beck. This silt was deposited directly on the side under approval from the EA and after completion of flood consent.