

Case Study



Sediment Management, Dunipace Bridge, River Carron

Client – Falkirk Council

Project Length – 2 weeks

Project Value - £62,600.00

Project - Dunipace Bridge, Falkirk

- River Restoration & Realignment
- Flood defence
- De-silting sediment bar within watercourse
- Japanese Knotweed removal

Solution

Ebsford developed and deployed a safe and efficient method statement to deal with the complex nature of removing 2000tn of silt from a sediment bar located within the river Carron which also stretched underneath an historic stone bridge.

The sediment island was also contaminated with pockets of Japanese knotweed contaminated soil, requiring separate controlled extraction.

The works required the removal of deposits and the formation of a new bed profile designed to alleviate local and downstream flooding issues as well as securing sufficient site won stone to install as new bank rock armour.

Gaining safe access to the island with a temporary ramp, avoiding contact with the stone bridge and managing the changing water level of the flashy catchment were just some of the main challenges overcome from a safety perspective.