



THE PROJECT

The LK Group was approached by Kier to provide a remediation strategy for a brownfield site in Bury prior to the construction of a Fire Training facility for the Fire Service. The site contained a number of historic structures including a former mill with basements, 2 unchartered culverts, heritage walls, buried canals, mill races, bridges and a mass of relic foundations.

Japanese Knotweed, Giant Hogweed and Himalayan Balsam was growing in both developable and undevelopable areas throughout the site. Giant Hogweed was also growing around the river bank and footpaths as a result of the 2015 winter floods seed deposits were spread far and wide when the river burst its banks.

THE SOLUTION

As part of the Site Investigation works carried out, large deposits of Asbestos was found across the whole site and various groundwater contamination was also present.

A strategy was developed to minimise the risk of disturbing asbestos fibres during excavation and as such we employed the services of an Asbestos Analyst that was on site full time during the works to check for any airborne releases around or off the site. Invasive Species was also contained around the river which bounded the site making any excavation challenging due to silting and flooding issues.

We worked with the remediation contractor to identify existing structures that would be suitable to contain contaminated soils while protecting the site from any regrowth and obviously minimising the costs of Hazardous waste leaving site.

KEY FACTS

Who	Kier
What	Japanese Knotweed, Giant Hogweed and Himalayan Balsam
Where	Bury, Lancashire
How much	£45,000
How long	4 weeks

THE BENEFIT

As part of a wider remediation project we delivered a remediation strategy that used existing underground structures to safely contain contamination on site while protecting the adjacent river and future construction works.

