



Rapid Decontamination of Japanese Knotweed Impacted Soils



Client: Persimmon Homes

Site: St Oswald's Park,
Gloucester

Contract Value: £90,000

Technology Used: EradZion8 – Rapid treatment of
Japanese knotweed.



Dunton Environmental's eradZion8, rapid Japanese Knotweed treatment technology successfully eradicates Japanese Knotweed contamination from large volumes of soil stockpiles within 4 weeks.



This reduced the client's overall cost risk by 70%.

Challenges

- During the redevelopment of a former industrial site for new residential housing, several stands of Japanese Knotweed were **inadvertently spread across the site** and later excavated and **placed in a stockpile** on site by the Client.
- Given the presence of Japanese Knotweed rhizomes within these soil stockpiles, the cost for the **disposal off site to landfill** would have exceeded **£200,000.00**.
- In addition the Client **needed fill material to raise the site levels**. The challenge therefore was to provide a solution which could **rapidly remove** any Japanese Knotweed contamination from the **6,000 tons of site soils** to enable these soils to be **reused safely on site as general fill**. The Client's site and therefore an **in-situ eradication programme** was required for those stands.

Our Solution

- Dunton Environmental safely relocated 6,000 tons of Japanese Knotweed contaminated soils to a treatment area on site.

- Dunton deployed their specialist eradZion8 rapid treatment solution into the site soils and within 4 weeks released treated knotweed free soils, which the Client could safely reuse these soils on site as backfill.



Results

