



**Manox,
Coleshill Street
Manchester
M40 7BF**

Japanese Knotweed Removal Japanese Knotweed Contamination Treatment Programme

Carried out using the E.A Code of Practice.

**Site Contacts: John McAuliffe.
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McAuliffe Civil Engineering Ltd**

**Supervision of treatments and digging: Peter Jones, P2 Services Ltd.
BASIS Advisor AR E/0332/A Mobile – 07989426390**

Survey results

There is one area of Japanese knotweed in the centre of the site.



Proposal

- **Dig out contaminated areas and remove from site.**

Area – 10m²

- **There is approximately 10m² of JKW on site – based on 1.5m depth of dig the volume to remove is 150m³. This will vary once the dig starts and the root depth can be seen.**

Procedure

Prior to any digging out

- Spray surface of all JKW areas to ensure that all green plant material is dead.
- This initial treatment helps to reduce the green vegetation that would be removed from site.

Digging out –

Tool Box Talk covering the risks associated with JKW contamination and legal implications associated with the mishandling of the species will be delivered to all operators working on site and involved in the excavation and disposal of JKW contaminated material.

All contaminated material will be transported off-site and disposed of at an approved and appropriately licenced landfill site as ‘controlled waste.

- Avoid any contamination between the digging out area and the lorries (small digger bucket loads).
- Prior to commencing the works the excavators must come to site clean. This is to make it easier at the end of the project to clean down the machines and decontaminate.
- Digger must have a long enough boom so as not to enter the contaminated area whilst digging
- Lorries will be loaded on available hard standing or non-contaminated areas adjacent to the knotweed ensuring they do not enter the Knotweed area.

- The excavator will carefully load the soils ensuring no soils spill over the edge and shall keep the load level or below the sides of the dumper to prevent spilling. This should be lightly compacted with the back of the excavator bucket.
- Each load off site recorded – lorry sheeted down

Method

- Temporary fencing and signage will be erected around unfilled excavations.
 - Surface scrape all contaminated areas to a depth of 200mm. This removes the majority of the root system. This material will be loaded directly into the lorries for removal to approved landfill site.
 - The dig out depth will be monitored and dug out until all roots removed
 - Herbicide treat the dug hole before back filling – Garlon Ultra at 5litres per Hectare rate.
 - On completion of the project accurately survey and mark each area – the extent of each excavation. This will then be supplied for the Site Remediation Plan.

Decontamination of Excavation Equipment

All machinery must be decontaminated before moving from its area of work.

- Hand scrape the tracks and body
- Brush off all loose material
- Herbicide treat all equipment – Garlon Ultra
- Record the procedure and which machines were used.