

JAPANESE KNOTWEED EXCAVATION REPORT



CLIENT:

LOCATION: 8-22 Oakfield Road,
Penge, SE20 8QP

AERIAL VIEW/ SITE PLAN



SITE PHOTOGRAPHS



Site prior to excavations



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Japanese Knotweed on site has previously been sprayed with herbicide

The material is mixed with many tonnes of fly-tipped rubbish. As the landfill does not accept plastic waste this had to be picked from the organic material by our team

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Excavation of JKW was overseen on site operatives using “Rhizome chasing” techniques

The material was loaded into dumpers and transported to an on site stockpile area for collection and disposal



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Rhizome investigation and example of JKW rhizome

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Excavations dug down to clay sub soils. JKW struggles to penetrate clay due to the density of this material

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JKW Rhizome (left) showing signs of viability even though it has been treated

These areas were excavated & removed

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Excavations carried out near the boundary wall. We found JKW rhizome growing into and underneath the wall.



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JKW rhizome growing underneath the boundary wall. As cannot dig under the wall and also into the adjoining land UKL (after speaking with the client) proposed installation of a root barrier membrane

This is to protect the clients site from this area of JKW and without having to dismantle the wall and excavate land that is not within the scope of works

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Excavated material stockpile and grab wagons arriving to collect the material

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Installation of Root barrier membrane



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Area was backfilled using clean material with RBM visible to indicate to future workers of the location and as a indicator of not to tamper with

Once the guarantee period is completed this can be cut down to ground level should the client require



CONCLUSIONS

Works progressed almost as expected with the exception of requiring to install the root barrier membrane. We found just one area of JKW that was growing through gaps into the wall and as this could not be safely excavated the decision was taken to install the root barrier. This barrier extends for 15m so should be more than sufficient to halt this spread

Contaminated soils removed from site = 208 tonnes (approx. amount due based on fully loaded wagons)

We also battened the RMB to the wall to help prevent the JKW growing upwards as well as laterally

The site is heavily fly tipped with rubbish (Several Mattresses, TVs, Beds, electrical goods etc were found when excavating) and we would advise these be collected from site. UKL can provide a cost for this on request

The site will be monitored for the next 2 years to ensure the JKW has been sufficiently removed