

Environmental
Impact To The
Project

Spreading of Invasive Species
(Himalayan Balsam)

Site

Poolend WTW

Applicable
Legislation/
Requirement

- Environmental Protection Act 1990
- Wildlife and Countryside Act 1981
- Water Resources Act 1991
- The Waste Management Licensing Regulations 1994
- The Landfill (England and Wales) Regulations 2002
- Environment Agency 'Guidance for Control of Invasive Weeds in or Near Fresh Water' (2004).

Details

- During a site walkover of the Poolend WTW site on June 2016 four plants of Himalayan Balsam (HB) were identified by an ecologist at the locations displayed with a number 5 in Drawing 366312PH34-ENV-DR-XX-001.
- The four plants were not in flower so were dug up and left in-situ.
- Daily inspections of the area were then carried out to ensure any further growth could be terminated.
- To date (18/08/2016) no further plants have been identified.
- It is proposed that additional work will take place at the Poolend site from November 2016.
- As part of construction there will be further disturbances in the area, associated with the installation of a new kiosk and the moving of a HV pylon.

Method
Statement for
control/good
practice during
further works

- Before work takes place the site should be inspected by the site/licensed ecologist and the location of any weeds will be recorded on a site plan of sufficient scale.
- At the time of writing, it is not anticipated that any Himalayan Balsam will need to be removed to allow the construction of the proposed work at Poolend. The risk of spread will be associated with the disturbance of soil.
- Any soil that will be disturbed as part of the proposed works should be stripped if within 7m of the previous occurrences. The material should be stockpiled away from top of bank on terram and clearly marked. The material can then be put back on completion of works.
- The material should not be moved around site and used in other landscaping areas it should also not be taken off site.

	<ul style="list-style-type: none"> • March through to July is considered the optimum period of growth and spread of HB. • In the unlikely case that HB is identified in other locations, the Site Manager and Environmental Advisor should be informed immediately. • The identified plant(s) should be fenced off 7m from contamination zone with robust high-vis fencing to prevent disturbance. All fenced off areas around invasive plants must have signage displaying site control measures. However, due to the nature of some JNB sites it is not always possible to work outside the contamination zone. • If possible HB plants should be pulled up and left in-situ before they flower to prevent them from seeding. In all cases it is better to avoid areas of infestation of HB. Methods for dealing with areas of HB will follow Environment Agency Guidelines • Transportation of any such material will only be made by vehicles filled to no more $\frac{3}{4}$ full. • . Where an excavator bucket comes into contact with HB, it will be thoroughly cleaned with a stiff brush before handling any non-contaminated material/leaving site • The site/licensed ecologist will be authorised to instruct cleaning of plant/machinery any time it is deemed necessary. • Disposal of HB contaminated surplus excavated material should be to an appropriately licensed tip that will accept this material. A waste transfer ticket must detail this information showing the correct European Waste Catalogue (EWC) reference.
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Training Requirements	<ul style="list-style-type: none"> • Induction and JNB Invasive Species Toolbox Talk
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Specific Monitoring/ Inspection Required	<ul style="list-style-type: none"> • Vigilance of site staff and operatives, if further HB is identified on site the Site Manager and Environmental Advisor should be informed immediately. • Only those that are required should enter invasive plant infested areas. • Weekly inspection to be undertaken and recorded on daily check form. • Site Manager to update Ecological Constraints Table as and when actions completed.
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