

Invasive Non Native Species Biosecurity Risk Assessment

12 Ash Road North

for

d2 Architects

28th February 2017

SCALES Consultancy Ltd

Sarah Carver Amphibians Landscape Ecology Services

Balancing Ecology and Development

Client

Soughton House
2 Nicholas Street Mews
Chester
CH1 2NS

12 Ash Road North Biosecurity Risk Assessment

1.0 Introduction

SCALES Consultancy Limited was commissioned by d2 Architects to prepare a biosecurity risk assessment in compliance with a draft planning condition for the development P/2016/0127 Proposed Extension at Proserve, 12 Ash Road North, Wrexham Industrial Estate to minimise the risk of importing to the site invasive or non-native species.

'No part of the development shall commence until a Biosecurity Risk Assessment has been submitted to and approved in writing by the Local Planning Authority. The Assessment shall include appropriate measures to prevent the introduction of Invasive Non Native Species (INNS) during the construction phase, and measures to control INNS as are currently present on site. The measures and proposals shall be fully implemented in strict accordance with the details as are approved'.

This document tabulates those species that have been identified as having the potential to be imported during the construction phase of the project. The likely pathways, level of risk and operational mitigation measures have also been identified.

This document should be provided to contractors working on site.

2.0 Biosecurity Risk Assessment

The proposed development involves work in terrestrial habitat only. No works are proposed in any aquatic habitat.

This document tabulates those species that have been identified as having the potential to be imported during the construction phase of the project. The likely pathways and Operational mitigation have also been identified.

Invasive non-native species risk assessment

Species	Potential contamination route	Likelihood of risk	Operational procedure
Himalayan balsam	Spread of species via construction machinery/ movement of soil. Introduction of seeds via contaminated soil.	Low. Himalayan Balsam is not known to be present on site. Low. There are no requirements to import soil.	Ensure contractors know what Himalayan Balsam looks like. If any plants are identified these should be pulled up and left to dry before the seeds set (July/ August).
Japanese knotweed	Spread of species via construction machinery/ movement of soil. Introduction of seeds via contaminated soil.	Low. Japanese knotweed is not known to be present on site. Low. There are no requirements to import soil.	Ensure contractors know what Japanese knotweed looks like. If it is identified on site, refer to the Environment Agency's Japanese knotweed Code of Practice.
Garden escapes (Crocoshia and Spanish Bluebell)	Spread of species via construction machinery/ movement of soil. Introduction of seeds via contaminated soil.	Low. Not known to be present on site. Low. There are no requirements to import soil.	Ensure contractor know what Crocoshia and Spanish Bluebell look like. Construction vehicles to keep to established paths and park on hardstanding.
Invasive non-native aquatic plant species (New Zealand Pigmyweed, Water Fern, Parrot's-feather, Floating Pennywort, Canadian Waterweed, Curly Waterweed, Nuttall's Waterweed, Least Duckweed)	Spread of species via construction machinery/ movement of soil/water. Introduction of seeds via contaminated soil/water.	Low. Not known to be present on site. No aquatic habitat. Low. There are no requirements to import soil/water.	Ensure contractors know what these species look like and that equipment has been cleaned/sterilised prior to use near water features.

Species	Potential contamination route	Likelihood of risk	Operational procedure
Chytrid fungus	Spread through the movement of soil, water and/or equipment.	Low. Not known to be present on site. Low. There are no requirements to import soil/water.	Clean/sterilise any equipment/machinery/footwear/clothing prior to use near water features and between separate waterbodies. Ensure the removal of plant fragments and mud and carry out appropriate disinfection procedures. Refer to ARG-UK Advice Note 4 for generic guidance in respect of amphibian disease precautions.

References

ARG-UK Advice Note 4 Amphibian Disease Precautions a guide for UK fieldworkers Version 1: February 2008

NRW Biosecurity Risk Assessment Amphibian Surveillance and Monitoring, North Wales, Matthew Ellis 23 march 2011