

Lower Severn (2005) Internal Drainage Board]

Biosecurity Policy

PURPOSE

This document sets out the Biosecurity Policy of the Lower Severn IDB. It covers activities undertaken by the IDB on a daily basis to reduce the spread and damage from invasive non-native species.

It is intended that LSIDB's staff and contractors will follow procedures commensurate with this Policy.

POLICY STATEMENT

Invasive non-native species are widespread nationally and if left uncontrolled present a threat to our aquatic and riparian systems. It is imperative that our field operations to manage flood risk and water levels do not exacerbate the risks to the environment and economy that are posed by these species. Failure to minimise the spread of invasive non-native species, when visiting a site where an invasive non-native species is known to be present, can risk prosecution under the Wildlife & Countryside Act 1981.

Vigilance is required if we are to stop the spread of invasive non-native species, and it is imperative that we integrate basic biosecurity in our operations to prevent this spread. Much to do with biosecurity involves awareness, common sense and agreed procedures.

RESPONSIBILITIES

LSIDB is responsible for reviewing and approving the content and implementation of this Policy.

LSIDB will ensure any new contracts let will include reference to the Policy where a risk is considered to exist arising from the works involved.

All Board Members, staff and contractors are required to comply with the Policy's requirements and share responsibility for performance in implementing the Policy in regard to the health, safety and welfare of the environment.

IMPLEMENTATION

This Policy is implemented through supporting guidance documentation covering biosecurity procedures.

Where biosecurity risks have been identified operational Staff will be provided with training and information on identification of invasive non-native species likely to be found within the Drainage District.

All operational machinery, tools and personal protection equipment (PPE) identified as at risk of cross-contamination will be subject to 'check, clean, dry' decontamination procedures before moving between operations on watercourses and sites.

All Operational Staff will report sightings of invasive non-native species to LSIDB's Civil Engineer or the GB Non-Native Species Secretariat directly.

This Policy was approved by the Board on 6 February 2019. This Policy will be reviewed, at a minimum, every five years.

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Biosecurity Procedures

PURPOSE

These procedures aim to help Board members, staff, and operators working for the IDB to identify key biosecurity risks pertinent to the internal drainage district and LSIDB's activities, and identify measures to address these risks.

Accidentally spread invasive non-native species may be harmful to the environment and potentially damaging the reputation of LSIDB, compromising its ability to operate, or work with partners. Operators visiting a site where an invasive non-native species is known to be present, should take measures to ensure they do not spread it. Failure to do so can risk prosecution under the Wildlife & Countryside Act 1981.

OBJECTIVES

- Increase awareness around invasive non-native species via training.
- Identify, and keep a record of, known areas where invasive non-native species are an issue.
- Ensure effective cleaning of equipment, machinery, and clothes.
- Ensure operators take care to avoid transporting water and material between water bodies where a risk has been identified.
- Ensure ongoing monitoring of invasive non-native species when undertaking operations.
- Remain vigilant when undertaking operations to identify any further areas where invasive non-native species exist.

RESPONSIBILITIES

Awareness

The Civil Engineer will have oversight of biosecurity, disseminate information, and report on these matters.

LSIDB's staff will be encouraged to seek information on invasive non-native species and biosecurity practices. The Environment Agency and Non-native Species Secretariat have relevant useful information.

If a risk is identified then the operator concerned or contractor should be made aware of the priority invasive non-native species, with specific attention to aquatic and riparian species of concern and those known to be present in the surrounding area. Training for staff and operatives shall be provided as appropriate, and information will be disseminated through toolbox talks, workshops, leaflets, emails etc. Contractors should be asked to confirm that they have similar arrangements in place.

Signage, species alerts/information sheets, or guidance should be in place, making operators aware of the risks, and providing advice on how to prevent spread.

Monitoring

Operators should be vigilant in the field for invasive non-native species and have an appropriate mechanism for recording and reporting sightings of suspected species, location, and relevant details.

New sightings should be reported to the Civil Engineer and other authorities and/or land managers as appropriate. The PlantTracker app (www.planttracker.org.uk/), available free for Apple and Android devices, shows you how to identify invasive non-native plant species and enables you to easily submit geo-located photos whenever you find one.

Planning works

Biosecurity should be taken into consideration alongside other factors, such as health and safety, when planning operations and standard working procedures.

The risk of spreading invasive non-native species can be reduced by reducing the contact time in which equipment is exposed to the water. This is particularly important for items such as trailers, which have cavities that may retain water and be hard to inspect.

Propagules are small bits of plant that become detached and give rise to a new plant. Working practices that either reduce, or contain and remove, propagules should be encouraged where practicable, especially in regards to mechanical vegetation control.

Cleaning

Remember: Check, Clean, Dry - www.nonnativespecies.org/checkcleandry/

Decontamination is an essential process to be carried out prior to leaving a site where invasive species are present. This ensures that any foreign matter remains on the land/watercourse of origin, rather than taking it to another location.

Where it is not possible to conduct the decontamination prior to leaving the land/watercourse where the work was conducted (e.g. steam cleaning larger equipment), the operation should be carried out immediately afterwards at the depot or another secure site before the next operation.

Where a cross contamination risk has been identified any field team moving from a contaminated site should carry a 'disinfection box'. This should contain an appropriate commercial disinfectant, a spray bottle, cloths or sponges, a scrubbing brush and protective gloves.

On completion of a field operation, for situations where cross contamination is identified as a risk, the following principles apply:

1. Visually inspect all tools, equipment and machinery that has come into contact with the water for evidence of attached plant or animal material, or adherent mud or debris.
2. Remove any attached or adherent material before leaving the site of operation.
3. Washing/hosing with water will be sufficient to remove debris from most tools, equipment and machinery. Use hot water where possible.
4. Ensure that all water is drained from any water retaining compartments, outboard motors, tanks and other equipment before transportation elsewhere.
5. A high pressure washer or steam cleaner may be essential for more difficult stains or soil, paying particular attention to the tyres, tracks and undercarriage of vehicles and buckets, hulls, outboard motors and submerged parts of machinery. High-pressure steam cleaning, with water >40°C, is recommended for larger equipment, excavators, boats, trailers, and outboard motors that are being moved from one watercourse to another.
6. Clothing and PPE should be visually inspected and any attached vegetation or debris removed. Soiled clothing and PPE should be removed for laundering and boots scrubbed clean; hands and other body parts may also need cleaning.
7. Finally, decontamination by spraying on a commercial disinfectant at the recommended strength to the cleaned boots, tools, equipment or machinery will ensure any remaining disease agents or pests are destroyed.

Every effort should be made to ensure that the decontamination process is a public exercise and where appropriate tactfully brought to the attention of the land owner or manager at the appropriate time. It is not just a question of doing the right thing but also being seen to be doing it. In this way, public confidence will be maintained in flood and water level management operations.