



Biosecurity Plan Template

Marine Maintenance Dredging

This Biosecurity Plan Template is intended to be used by marine maintenance dredging operators and contractors in order to minimise the risks posed by marine invasive non-native species (INNS), particularly related to minimising spread to new areas. It is difficult to directly manage INNS in the marine environment once they are present, therefore, prevention is key which is recognised in the GB Invasive Non-native Species Strategy (2015)

“Where direct management is not feasible, as is often the case in the marine environment, we will seek to reduce the spread of species by improved and targeted biosecurity”.

There are a number of legislative drivers for this work including the Marine Strategy Framework directive (MSFD); EU IAS (Invasive Alien Species) Regulation and the Wildlife and Countryside Act (W&CA) 1981, Schedule 9. Section 14 of the W&CA states that it is an offence to ‘*release or allow to escape into the wild any animal which is not ordinarily resident in Great Britain or any species listed in Schedule 9 of the Act*’. Schedule 9 of the act lists a number of marine INNS particularly relevant to marine dredging activities, these include the Chinese mitten crab (*Eriocheir sinensis*), American Oyster Drill (*Urosalpinx cinerea*) and the American Slipper Limpet (*Crepidula fornicata*).

With respect to maintenance dredging activities in Wales and in order for the potential risks posed by these species to be managed in the most effective way it is important that NRW obtain as much information as possible. In certain circumstances where the activity is deemed not to contribute to the further geographic spread of those species on Schedule 9 (W&CA), NRW may issue an exemption in the form of a ‘General Species Licence’, however, this will be assessed as part of the licensing process.

1. Introduction

Maintenance dredging and disposal from Deganwy Marina using cutter suction dredger

- 1.1. **Applicant Name:** *Lakeland and Leisure Estates*
- 1.2. **Marine Licence reference number:** *DML 1942*
- 1.3. **Description of Operation:** *Deganwy Maintenance Dredge*
- 1.4. **Dredge and disposal Site Location(s):** *Dredging within marina, as per application coordinates, disposal at IS035.*
- 1.5. **Activity period:** *Dredging only between 1st October and 14 April*
- 1.6. **Biosecurity Manager/Officer:** *Mark Morgan*
- 1.7. **Approval Date:** *To be completed by NRW Marine Licensing Team*
- 1.8. **Document version number:** *v1*

2. Information related to the Environmental conditions affecting biosecurity

	Source environment/location	Receiving environment/location
Marine Non-native species known to be present	<i>No records or evidence of marine non-native species within the marina</i>	<i>n/a</i>

3. Vessels & equipment involved in the operation¹ *(please list all vessels, barges and equipment to be used as part of the maintenance dredging operation – insert additional rows as necessary)*

Vessel name	Photo reference <i>(Please insert images in the appendix)</i>	Vessel type	Details, Risk factors & Justification	Risk:
<i>Little Orme</i>	<i>Insert image reference numbers</i>	<i>Suction dredger</i>	<i>Only operates in Conwy Marina at present, no risk possible</i>	<i>Low</i>

3.1. Vessel & Disposal site Proposed activity log

In relation to maintenance dredging activities, marine invasive non-native species typically have three main vectors by which spread can potentially occur from one location to another. These are hull fouling, transfer in vessel ballast water and transfer within marine sediments. In order to better understand the potential risks associated to the current operation it is important to outline a brief history of vessel/equipment movements. This includes information such as vessel/equipment recent activity history (including any periods of inactivity) as well as information on ports visited and dredge/disposal site locations associated to the current licensable activity.

(Please note: a separate row should be inserted for changes in vessel and/or disposal site)

¹ The licence holder should update and submit a revised plan as a result of any amendments to the list of vessels and/or equipment to be utilised as part of current licence.

Vessel name	Brief description of vessel activity over the last 12 months	Transit ports (list all ports to be visited on route to the current dredge activity if applicable)	Transit ports arrival and departures		Disposal site name & reference
			Arrival date	Departure date	
Little Orme	Only operating in Conwy Marina	None	Date	Date	IS035, pumped discharge point.

4. Activities which have a significant risk of introducing or spreading marine invasive non-native species *(Please provide as much detail as possible of how each of the activities have the potential to increase the risk of introduction or onward spread of marine invasive non-native species – insert additional rows as necessary)*

Activity and brief description	Details of how this could potentially increase the risk of introducing and/or spreading MINNS	Mitigation and Biosecurity measures to be implemented
<i>Only operates in Conwy Marina</i>	<i>No ballast tanks, fully maintained, no possible risk.</i>	<i>Regular antifouling of vessel</i>

5. Mitigation & Biosecurity Control Measures – Instructions for staff/contractors/site users *(insert additional rows as necessary)*

Who	What	Where	When
Boatfolk Marinas Ltd	Vessel logbook is up to date and vessel has conformed to best practice under hull fouling guidance.	Vessel logbook	To be kept up to date during normal operations

6. Operational surveillance and reporting procedure

Not applicable

7. Contingency Plan *(i.e. when changes to the plan necessary and have been identified - insert additional rows as necessary)*

Action	Responsibility	Location of Equipment
Not applicable, only proposed vessel to be utilised	n/a	n/a

8. Location of biosecurity logbook

Biosecurity logbook in administrative office.

9. Annual Review Date

1 April 2024

Appendix

Additional supporting material to be added here e.g. vessel/equipment photographs