

# Environmental Monitoring Plan

Permit Number: CAR/L/1003494

Marine Pen Fish Farm: Fishnish B

Responsible company: Scottish Sea Farms

Version: 2

Date: 12/04/2023

The purpose of this EMP is to monitor seabed impacts from the marine fish farm in order to assess compliance with the seabed standards specified in schedule 4 of the permit.

This plan has been developed in accordance with SEPA guidance: "Version 1 May 2022 Seabed Environmental Standards - Demonstrating Compliance".

Two environmental monitoring survey designs are required:

1. Biological Sampling
2. Chemical Residues Sampling

## 1. Biological sampling

This sampling is designed to collect the required seabed data that will allow an assessment of compliance against schedule 4.1 of the permit.

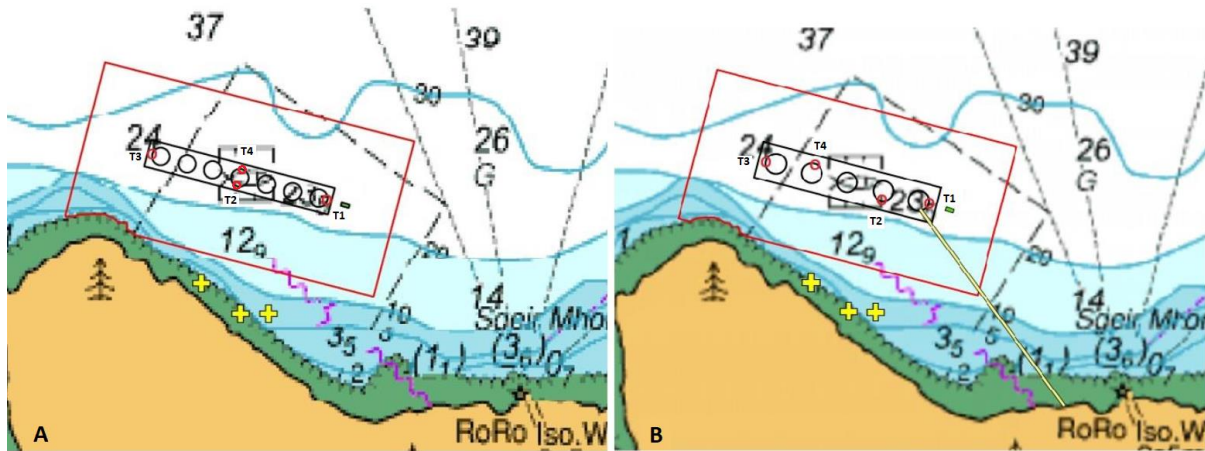
The default monitoring layout will be followed, with the direction of each transect as follows:

- Transect 1 - bearing 105 degrees.
- Transect 2 - bearing 195 degrees.
- Transect 3 - bearing 285 degrees.
- Transect 4 - bearing 15 degrees.

At each sample station samples of sediment will be collected and analysed for:

- benthic infauna
- particle size analysis (PSA).

**Figure 1 – Site map of Fishnish B with survey transect origins indicated**



Origins for survey transects indicated by red circles for the (A) existing and (B) planned configurations at Fishnish B (7 x 100m pens and 5 x 120m pens respectively).

## 2. Chemical Residues Sampling

At each sample station specified in the CAR licence, samples of sediment will be collected and analysed for:

- Emamectin benzoate
- Particle size
- Total organic carbon

Sampling and analyses, will be carried out in accordance with the following MACS documents:

- Performance Standard MACS-FFA-PSO1 - Version 1 March 2022
- Performance Standard MACS-FFA-PSO2 - Version 1 March 2022
- Performance Standard MACS-FFA-PSO3 - Version 1 March 2022