

Environmental Monitoring Plan

Permit Number: CAR/L/1015855

Marine Pen Fish Farm: Toyness

Responsible company: Scottish Sea Farms Ltd

Version: 1

Date: 08/08/2022

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 74.5 degrees: 0m, 60m, 120m, 200m, 280m, 380m, 480m.
- Transect 2 - bearing 164.5 degrees: 0m, 30m, 60m, 90m, 120m, 150m, 180m.
- Transect 3 - bearing 254.5 degrees: 0m, 65m, 130m, 230m, 350m, 470, . 590m.
- Transect 4 - bearing 344.5 degrees: 0m, 25m, 50m, 75m, 100m, 125m, 150m.

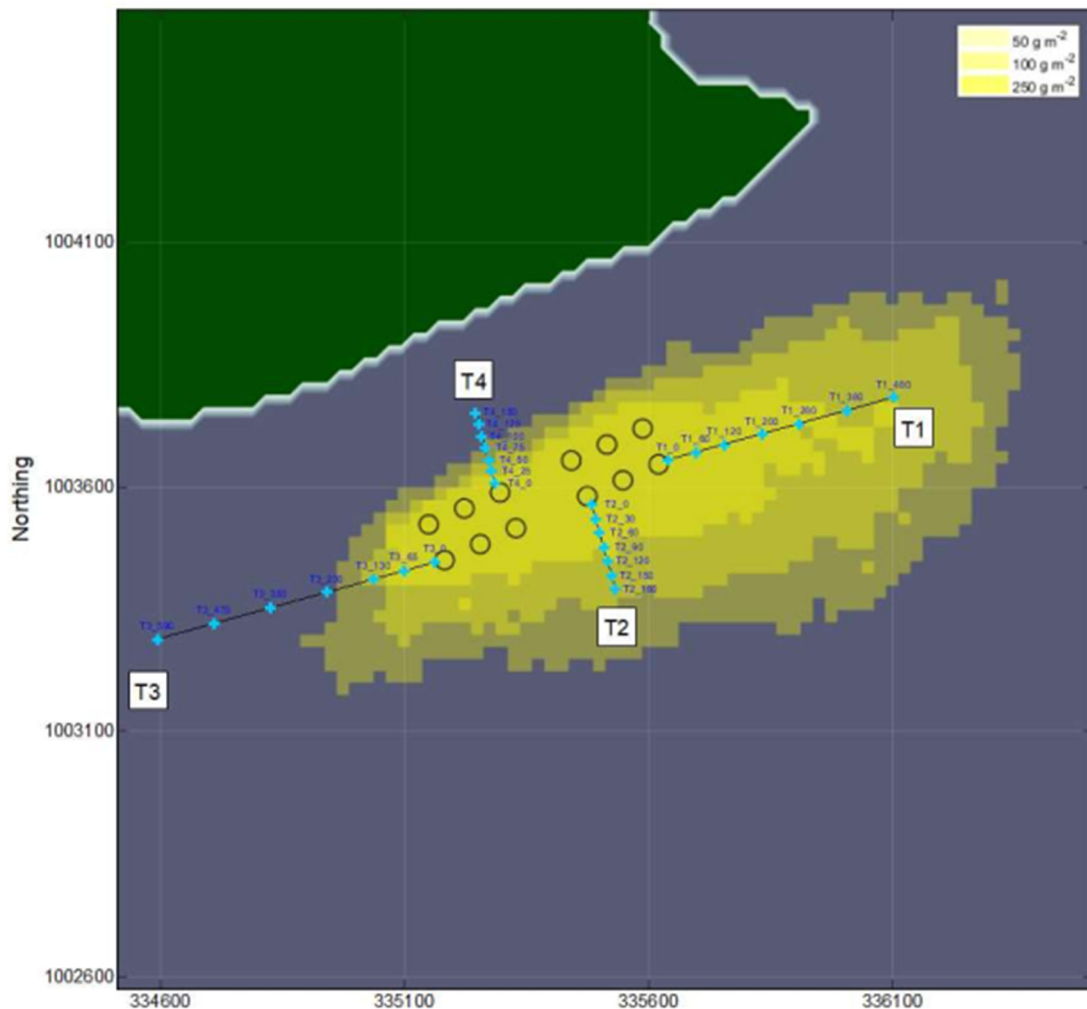


Figure 1 – Toyness sampling transects overlaid on deposition using flowmetry with residual removed (see Section 4.1.1 of the modelling report for discussion).

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

- benthic infauna
- Particle size analysis (PSA).

2. Chemical Residues Sampling

Sampling will be as conditioned in the permit.

3. 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