

## Arctic SeaFarm hf.

### Integrated pest management (IPM)

Arctic SeaFarm hf. has a strategy to control and keep low numbers of sea-lice by a series of measures that are coordinated with neighbour Salmon farmers in the Westfjords. The Arctic operations are constantly focusing on keeping numbers of sea lice low and reduce the risk of sea-lice resistance development against medicines. Arctic SeaFarm use lumpfish as a constantly working non-medical control method on selected sites. Arctic SeaFarm has chartered wellboat MS Ronja Strand together with Arnarlax ehf since autumn 2023. This wellboat is designated for non-medicamental sealice-treatments with OptiLice (thermic), OptiFlush (mechanical) and eventually also freshwater. These methods are environmental-friendly and they are considered low-risk for resistance-development in the sealice-population.

There is since 2024 established a sealice and biosecurity coordination group for the Westfjords. This is a binding cooperation between all marine Salmon producers in the Westfjords, organised by Blár Akur ehf. There is also established area-based management agreement with Arnarlax ehf. for fjords where both companies have production sites.

Lice levels are constantly monitored by weekly lice-counting during the period April / May to December. All data is publicly available at Actic Fish's website, and they are shared with other fish-farmers through the weekly report from the group coordinator (Øystein Markussen). According to ASC standards the use of three medicinal delousing treatments per production cycle are allowed. Arctic SeaFarm hf. has not for the last years need to use three medicinal treatments within one generation. The non-medicamental treatment capacity is now established and running through the season. This contributes to reducing the use of medicines to a minimum.

After a farm site has been harvested out and after finished fallowing, benthic sampling is carried out. Environmental / benthic monitoring (including – if needed – parasiticide residue levels), is carried out by a certified third party.

25.04.2025



Asgeir Østvik  
veterinarian