(2023.11.22) JN1524 Deenish NIS Supplemental Information

Applicant Response to 4.2 NIS Review Conclusion in Appropriate Assessment Screening

- Mowi Ireland now uses fish pen nets of standard sizes across operations, with a smolt net mesh of 16mm and grower net mesh of 24mm. Top nets used to protect stock from potential predators have a mesh size of 80mm.

- The maximum stocking density of Mowi salmon farms in Ireland is 10 kg/m³ to comply with Organic Standards. As stated in the Food and Agricultural Organisation Salmo Salar cultured aquatic species fact sheet "Maximum stocking densities of up to 20 kg/m³ are usual." The link to this reference is: FAO-Salmo[illegible]salar (https://www.fao.org/fishery/docs/CDrom/aquaculture/I1129m/file/en/en_atlanticsalmon.htm). For comparison, RSPCA welfare standards for Farmed Atlantic salmon state a maximum of 17 kg/m³ per pen and 15 kg/m³ per site.

- Freshwater treatments at Deenish would be carried out using a wellboat. The Ronja Fjord and Aqua Transporter wellboats have been used for this purpose at Deenish in the past. The Aqua Transporter is capable of producing it's own water and has the capability of transferring freshwater to the Ronja Fjord if that was needed.