

POSITION PAPER

On the legal cataloguing of farmed fish MANURE

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Background

Recirculating aquaculture systems (RAS) are land-based fish farming facilities that minimise water intake by filtering, adjusting, and reusing the water. Compared to the traditional pond or open water aquaculture, the water recirculation process in RAS makes it possible to control the culture conditions and the collection of waste¹.

The development of fish farm production in recirculation aquaculture systems (RAS), but also of other aquaculture systems that allow for the settlement, separation, and filtering of effluents and the collection of organic materials, is increasing the collection of this solid fraction from aquaculture effluents in the European Union. The FEAP estimates that the total production of such solid fraction of effluents, both from RAS and non-RAS, amounts to 55.000 tons per year, and is expected to grow in the coming years.

This material mainly consists of faeces, urine, and water, like manure from other farmed animals, not differing from manure coming from other farmed animals concerning the risk of spreading diseases to humans or other animals. Additionally, feed provided to farmed fish is regulated under the same strict EU regulation on animal feed as other farmed animals. Fish digestion does not add anything to the faeces, just as in the case of terrestrial animals, this further makes the case for categorisation of this solid fraction of fish farm effluents as 'manure'.

However, the use of this organic material as fertiliser and soil improver has been prohibited by public authorities in some Member states because of the existence of an exception in the definition of manure set in the Animal By-products Regulation (EC) 1009/2008² ('manure' means any excrement and/or urine of farmed animals other than farmed fish, with or without other).

Not being considered manure, this material has been catalogued by some national public authorities as sludge and so under Regulation Sludge Directive (86/270).

The FEAP was not consulted during the preparation of the Animal By-products regulation (Reg. 1009/2008) and is still today unaware of the underlying reasons for the exception set there in the 'manure' definition.

¹ GEMMA report on Recirculation aquaculture systems (RAS), December 2016, <https://efsa.europa.eu/en/efsa-figures>

² Regulation (EC) 1009/2008 laying down health rules as regards animal by products and derived products not intended for human consumption and repealing Regulation (EC) No 1774/2002 (animal by products Regulation), <https://eur-lex.europa.eu/>