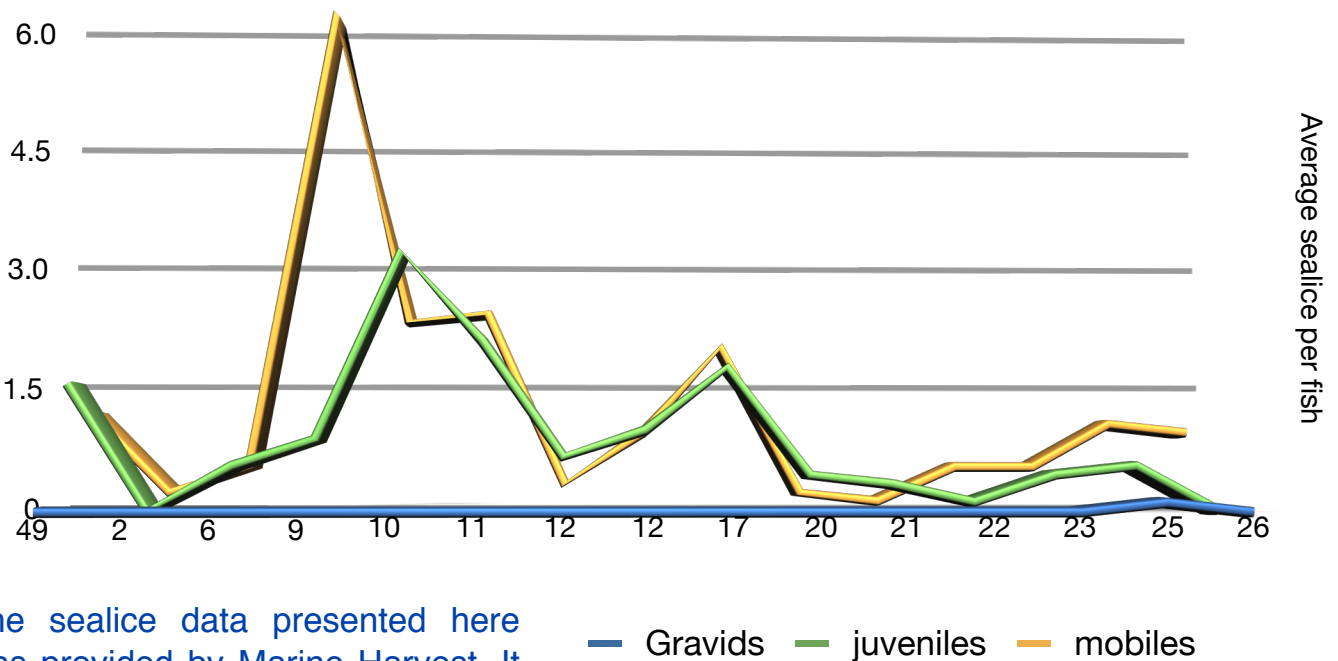


Bioemitter Data for Elimination of Sealice on Atlantic Salmon - Cranford, Donegal 2006/7



The sealice data presented here was provided by Marine Harvest. It was collected by the Marine Institute Inspectors over a complete year of operation 2006/7 with the Bioemitter technology in Cranford Bay, Donegal from ten 90m salmon cages.

The sealice prevalent in the area are *Leopotherius Salmonis* and *Caligus elongatus*.

The data shows the blooms of juvenile sealice that occur naturally out of the environment at certain times of the year. Not only are the blooms contained and eventually eliminated but that most significantly there are next to **no pregnant female (gravids)** sealice recorded.

Conclusion

The salmon cages equipped with Bioemitter technology **did not contribute to the overall sealice population** and enabled good control of the sealice blooms with significantly reduced or no chemical treatments.