

## Sea Lice Report February 2014

| Bay               | Company                         | Site             | Stock                    | Date     | Mean no.s of<br>Ovigerous<br><i>Lepeophtheirus</i><br><i>salmonis</i> per fish | Mean no.s of<br><i>Lepeophtheirus</i><br><i>salmonis</i> per<br>fish |
|-------------------|---------------------------------|------------------|--------------------------|----------|--|--|
| Bantry Bay        | Murphys Irish Seafood Ltd       | Cuan Baoi        | Atlantic salmon, 2013 S½ |          | Sampled Atlantic salmon, 2013  |  |
|                   |                                 |                  | Atlantic salmon, 2013    | 27/02/14 | 0.00   | 0.00   |
|                   | Marine Harvest Irl.             | Roancarraig      | Atlantic salmon, 2013 S½ | 19/02/14 | 0.02   | 0.02   |
| Kenmare Bay       | Murphys Irish Seafood Ltd       | Killmacillogue   | Atlantic salmon, 2014 S½ | 19/02/14 | 0.00   | 0.00   |
|                   | Marine Harvest Irl.             | Deenish          | Atlantic salmon, 2013    | 20/02/14 | 0.00   | 0.00   |
|                   |                                 |                  | Atlantic salmon, 2013    | 19/02/14 | 0.03   | 0.05   |
| Kilkieran Bay     | Bradán Beo Teo                  | Golam            | Atlantic salmon, 2014 S½ | 18/02/14 | 0.03   | 0.16   |
| Kilkieran Bay     | Bradán Beo Teo                  | Daonish          | Atlantic salmon, 2013 S½ | 18/02/14 | 0.67   | 1.30   |
| Kilkieran Bay     | Marine Harvest Irl.             | Ardmore          | Atlantic salmon, 2014 S½ | 19/02/14 | 0.02   | 0.11   |
| Bertraghboy Bay   | Comhlucht Bradáin Chonamara Teo | Sealax           | Atlantic salmon, 2013    | 07/02/14 | 0.04   | 0.18   |
| Clifden Bay       | Mannin Bay Ltd                  | Hawks Nest       | Atlantic salmon, 2014 S½ | 07/02/14 | 0.00   | 0.00   |
| Ballinakill Bay   | Bifand Ltd                      | Fraochoilean     | Atlantic salmon, 2013 S½ | 28/02/14 | 2.90   | 12.17  |
| Clew Bay          | Clare Island Seafarms Ltd       | Portlea          | Atlantic salmon, 2013    |          | Transferred to Eany  |  |
| Bealachragher Bay | Curraun Blue Ltd.               | Curraun          | Rainbow Trout, 2013 (2)  | 14/02/14 | 0.03   | 0.32   |
| Donegal Bay       | Marine Harvest Irl.             | Eany - Inver Bay | Atlantic salmon, 2013 S½ | 17/02/14 | 0.25   | 5.47   |
|                   |                                 |                  | Atlantic salmon, 2013    | 17/02/14 | 0.62   | 1.86   |
|                   | Marine Harvest Irl.             | Creevin          | Atlantic salmon, 2013    | 17/02/14 | 0.02   | 0.07   |
|                   | Ocean Farm Ltd                  | Mc Swyne's       | Atlantic salmon, 2013    | 17/02/14 | 0.20   | 11.30  |

### Elevated Lice Levels

Elevated sea lice levels are levels which are in excess of treatment trigger levels as set out in "Monitoring Protocol No. 3 for Offshore Finfish Farms- Sea Lice Monitoring and Control" (DMNR 2000) & "A strategy for improved pest control on Irish salmon farm" (DAFF 2008). A notice to carry out a sea lice treatment (NTT) is issued on the basis of elevated sea lice levels. Treatment triggers during the spring period (March, April & May) are from 0.3 to 0.5 egg bearing female (ovigerous) sea lice per fish. Outside of the critical spring period, a level of 2.0 egg bearing female sea lice per fish acts as a trigger for a NTT.

Elevated sea lice levels were recorded at Fraochoilean, Bifand Ltd, Ballinakill Bay.

### Sample Details

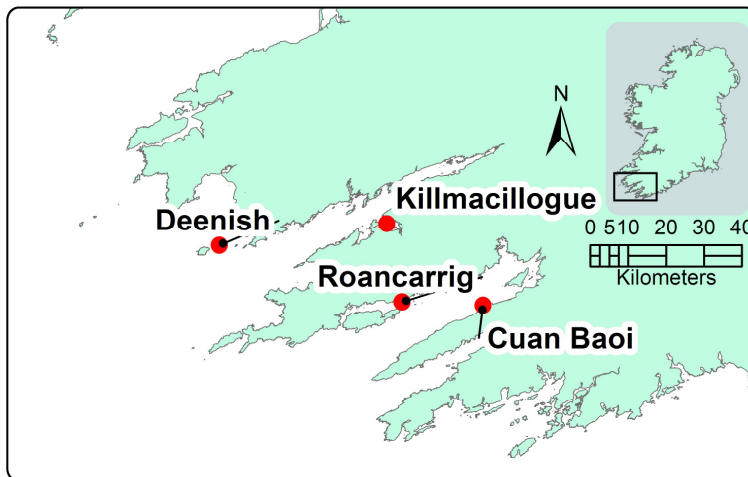
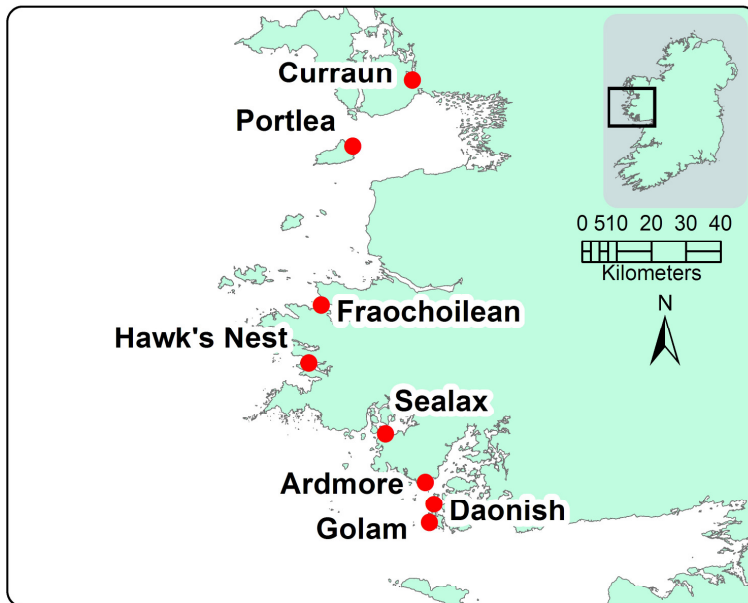
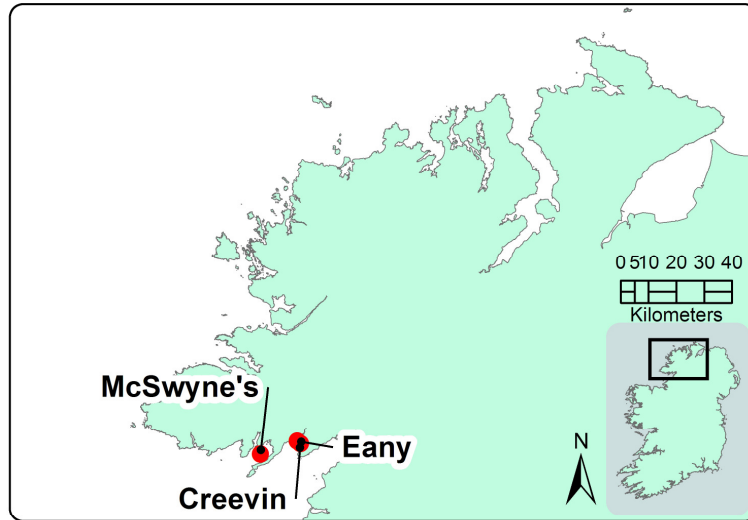
All samples were obtained.

Appendix 1 shows the location of all active fish farms site.

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Published data for 2012 is available at <http://oar.marine.ie/handle/10793/861>  
 Marine Institute, Rinville, Oranmore, Co. Galway, Ireland. Tel:+353 91387200 [www.marine.ie](http://www.marine.ie)

Appendix 1



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