

<b>Sea Lice Report March 2012</b>						
<b>Bay</b>	<b>Company</b>	<b>Site</b>	<b>Stock</b>	<b>Date</b>	<b>Mean no.s of Ovigerous <i>Lepeophtheirus</i> <i>salmonis</i> per fish</b>	<b>Mean no.s of <i>Lepeophtheirus</i> <i>salmonis</i> per fish</b>
Bantry Bay	Murphys Irish Seafood Ltd	Cuan Baoi	Atlantic salmon, 2011 S½	05/03/12	0.00	0.02
				22/03/12	0.00	0.12
			Atlantic salmon, 2012 S½	05/03/12	0.00	0.00
	Silver King Seafoods Ltd	Roancarraig	Atlantic salmon, 2011 S½	06/03/12	0.00	0.02
				23/03/12	0.00	0.04
			Atlantic salmon, 2012 S½	06/03/12	0.00	0.02
Kenmare Bay	Silver King Seafoods Ltd	Inishfarnard	Atlantic salmon, 2010		On strave for harvest	
			Atlantic salmon, 2011	06/03/12	0.00	2.73
				23/03/12	0.39	2.55
					0.11	1.39
Kilkieran Bay	Muirachmhainni Teo	Daonish	Atlantic salmon, 2011 S½	13/03/12	0.33	0.80
				29/03/12	0.18	0.85
			Atlantic salmon, 2011	13/03/12	0.26	0.78
				29/03/12	0.11	1.39
Bertraghboy Bay	Mannin Bay Salmon Co. Ltd	Sealax	Atlantic salmon, 2012 S½	13/03/12	0.00	0.00
				28/03/12	0.00	0.00
Mannin Bay	Mannin Bay Salmon Co. Ltd	Corhounagh	Atlantic salmon, 2011 S½	12/03/12	0.15	2.81
				27/03/12	0.09	3.79
Clifden Bay	Mannin Bay Salmon Co. Ltd	Hawk's Nest	Atlantic salmon, 2011	06/03/12	0.26	2.09
				27/03/12	0.40	3.84
Ballinakill Harbour	Bifand Ltd	Fraochoilean	Atlantic salmon, 2011 S½	01/03/12	0.65	6.81
					Transferred to Corhounagh	
Killary Harbour Clew Bay	Marine Harvest Irl.	Rosroe	Atlantic salmon, 2010		Harvested out	
	Clare Island Seafarms Ltd	Portlea	Atlantic salmon, 2011	16/03/12	0.78	2.40
				30/03/12	0.48	1.50
Bealachragher Bay	Curraun Blue Ltd	Seastream Outer	Rainbow Trout, 2011 (1)	13/03/12	0.20	0.44
					Harvested out	
			Rainbow Trout, 2011 (1)	09/03/12	0.07	0.70
				29/03/12	0.08	0.33
Donegal Bay	Eany Fish Products Ltd	Inver Bay	Rainbow Trout, 2011 (2)	01/03/12	0.42	3.73
				15/03/12	0.52	5.09
			Rainbow Trout, 2012 (1)	01/03/12	0.04	1.69
				15/03/12	0.11	3.71
					0.14	41.43
Mulroy Bay	Ocean Farm Ltd	Mc Swyne's	Atlantic salmon, 2011	01/03/12	0.14	41.43
				29/03/12	0.00	0.10
			Atlantic salmon, 2012 S½	16/03/12	0.05	7.95
				30/03/12	0.09	13.15
Lough Swilly	Marine Harvest Irl.	Millstone	Atlantic salmon, 2010	16/03/12	2.05	15.80
				30/03/12	1.29	6.24
			Atlantic salmon, 2011	16/03/12	0.36	1.97
			30/03/12	0.50	3.05	

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 Published data is available at <http://hdl.handle.net/10793/104>

## Elevated Lice Levels

Sea lice levels which are in excess of treatment trigger levels 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 sea lice per fish. Outside of the critical spring period, a level of 2.0 egg bearing sea lice per fish acts as a trigger for a NTT.

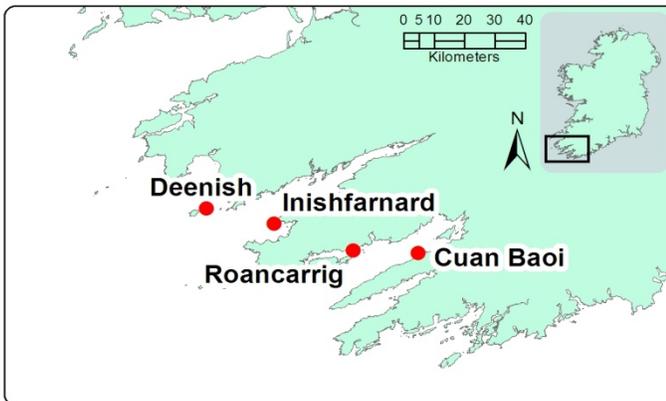
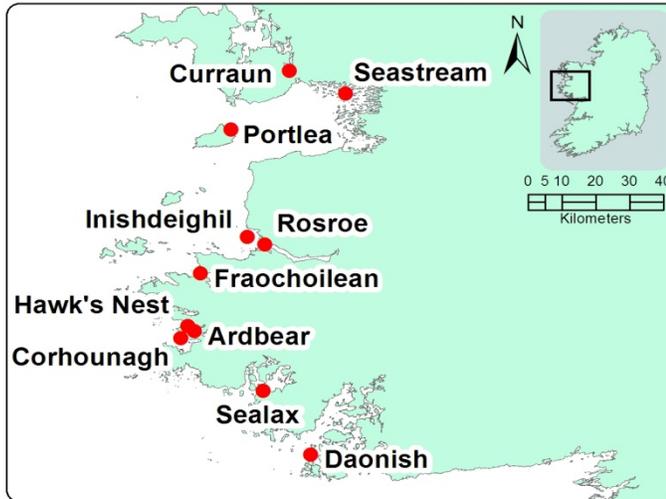
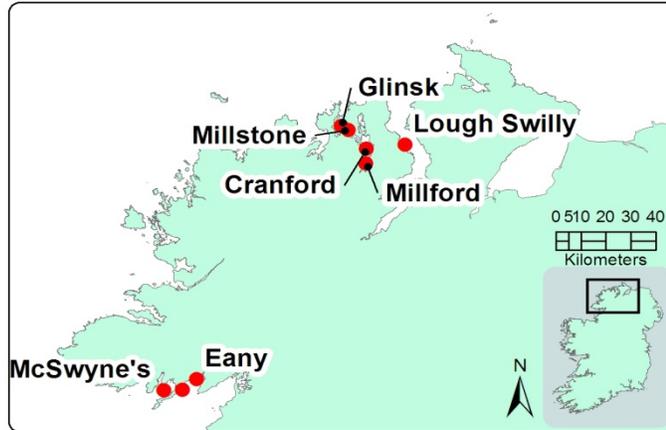
Elevated sea lice levels were recorded at:

- Fraochoilean, Bifand Ltd, Ballinakill Harbour in Round 1 of March sampling
- Portlea, Clare Island Seafarms Ltd, Clew Bay in Round 1 of March sampling
- Eany, Eany Fish Products Ltd, Inver Bay, Donegal Bay in Round 2 of March sampling
- Mc Swynes, Ocean Farm Ltd, Donegal Bay in Round 1 of March sampling
- Millstone, Marine Harvest Ireland, Mulroy Bay in Round 1 and Round 2 of March sampling
- Lough Swilly, Marine Harvest Ireland, Lough Swilly in Round 2 of March sampling

**Sample Details** All samples were obtained. Appendix 1 shows the location of all active fish farms site.

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## Appendix 1



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