

Sea Lice Report April 2012						
Bay	Company	Site	Stock	Date	Mean no.s of Ovigerous <i>Lepeophtheirus</i> <i>salmonis</i> per fish	Mean no.s of <i>Lepeophtheirus</i> <i>salmonis</i> per fish
Bantry Bay	Murphys Irish Seafood Ltd	Cuan Baoi	Atlantic salmon, 2011 S½	11/04/12	0.00	0.00
				25/04/12	0.00	0.03
	Silver King Seafoods Ltd	Roancarraig	Atlantic salmon, 2012 S½	11/04/12	0.00	0.00
				25/04/12	0.00	0.00
			Atlantic salmon, 2011 S½	12/04/12	0.00	0.00
				25/04/12	0.02	0.06
		Atlantic salmon, 2012 S½	12/04/12	0.00	0.00	
			25/04/12	0.00	0.00	
Kenmare Bay	Silver King Seafoods Ltd	Inishfarnard	Atlantic salmon, 2010		Harvested out	
			Atlantic salmon, 2011	12/04/12	0.00	0.11
	Silver King Seafoods Ltd	Deenish	Atlantic salmon, 2012	11/04/12	0.00	0.02
				24/04/12	0.00	0.05
Kilkieran Bay	Muirachmhainni Teo	Daonish	Atlantic salmon, 2011 S½	11/04/12	0.47	2.25
				30/04/12	0.27	1.16
			Atlantic salmon, 2011		Sampled Atlantic salmon, 2011 S½	
Bertraghboy Bay	Mannin Bay Salmon Co. Ltd	Sealax	Atlantic salmon, 2012 S½	04/04/12	0.00	0.03
				23/04/12	0.00	0.00
Mannin Bay	Mannin Bay Salmon Co. Ltd	Corhounagh	Atlantic salmon, 2011 S½	04/04/12	0.38	5.14
				24/04/12	1.26	3.89
Clifden Bay	Mannin Bay Salmon Co. Ltd	Hawk's Nest	Atlantic salmon, 2011	13/04/12	0.15	4.49
				25/04/12	0.57	2.67
Clew Bay	Clare Island Seafarms Ltd	Portlea	Atlantic salmon, 2011	19/04/12	0.19	0.67
				27/04/12	0.08	1.55
Bealachragher Bay	Curraun Blue Ltd	Curraun	Rainbow Trout, 2011 (1)	11/04/12	0.07	0.67
				27/04/12	0.20	0.60
			Rainbow Trout, 2012 (1)	11/04/12	0.00	0.39
				27/04/12	Sampled Rainbow Trout, 2011 (1)	
Donegal Bay	Eany Fish Products Ltd	Inver Bay	Rainbow Trout, 2011 (2)	11/04/12	0.08	0.28
				24/04/12	0.00	0.02
	Ocean Farm Ltd	Ocean Inver	Atlantic salmon, 2012	11/04/12	0.00	0.24
				24/04/12	0.00	0.09
	Ocean Farm Ltd	Mc Swyne's	Atlantic salmon, 2011	11/04/12	0.00	0.17
				24/04/12	0.12	2.18
Mulroy Bay	Marine Harvest Irl.	Cranford A	Atlantic salmon, 2012 S½	12/04/12	0.09	6.95
				27/04/12	0.07	3.17
Lough Swilly	Marine Harvest Irl.	Lough Swilly	Atlantic salmon, 2010		On starve for harvest	
			Atlantic salmon, 2011	12/04/12	0.80	7.25
				27/04/12	1.72	30.33

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Published data for 2011 is available at <http://oar.marine.ie/handle/10793/776>.

Elevated Lice Levels

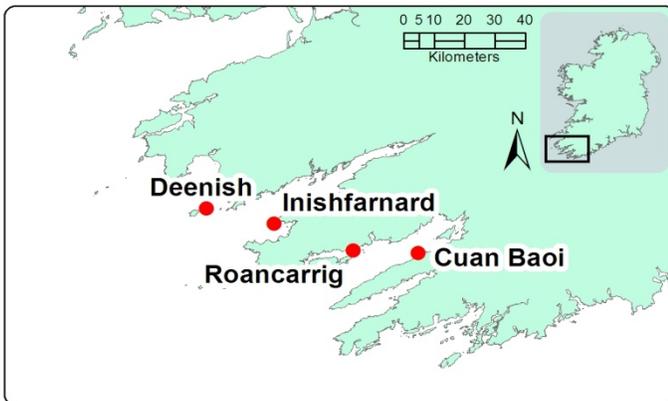
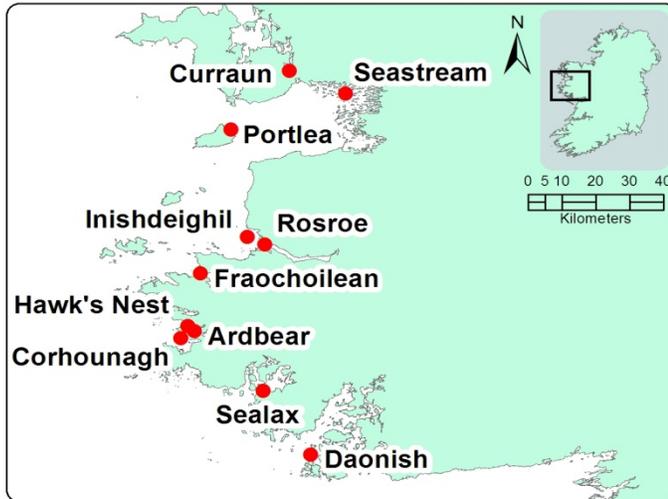
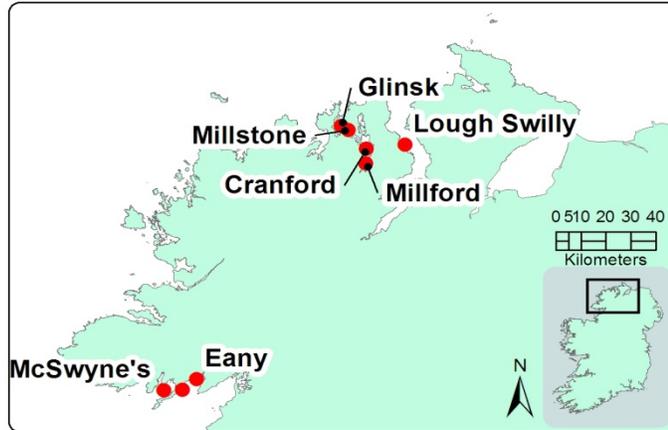
Sea lice levels which are in excess of treatment trigger levels set out in "Monitoring Protocol No. 3 for Offshore Finfish Farms- Sea Lice Monitoring and Control" (DMNR 2000) & "A strategy for improved pest control on Irish salmon farm" (DAFF 2008). A notice to carry out a sea lice treatment (NTT) is 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:

- Corhounagh, Mannin Bay Salmon Company Ltd, Mannin Bay in Round 2 of April sampling
- Hawks Nest, Mannin Bay Salmon Company Ltd, Clifden Bay in Round 2 of April sampling
- Lough Swilly, Marine Harvest Ireland, Lough Swilly in Round 1 and Round 2 of April sampling

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

Appendix 1



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