

Table 1 - Comparison of auditor's and farmer's sea lice counts on the day of the audit

2010 - Quarter 2

Location	Company	Date of Audit	Comparison Between Auditor and Farmer Sea Lice Counts			Statistical Explanation	
			<i>Lepeophtheirus salmonis</i>	<i>Caligus clemensi</i>	Chalimus (Non Motile Stages)		
			Motile Stages	Motile Stages			
Zone/ Subzone 2.3	Farm 1	Mainstream	22-Jun-10	NSD	NSD	NSD	
	Farm 2	Mainstream	22-Jun-10	NSD	NSD	NSD	
	Farm 3	Mainstream	22-Jun-10	NSD	NSD	NSD	
Zone/ Subzone 2.4	Farm 4	Marine Harvest	22-Jun-10	NSD	NSD	+	Significantly higher chalimus counted by auditor than farmer (p=0.04)
	Farm 5	Grieg	25-Jun-10	NSD	NSD	NSD	
Zone/ Subzone 3.1	Farm 6	Grieg	24-Jun-10	NSD	NSD	NSD	
	Farm 7	Marine Harvest	15-Jun-10	NSD	+	NSD	Significantly higher motile <i>C. clemensi</i> counted by auditor than farmer (p=0.04) Significantly lower motile <i>L. salmonis</i> counted by auditor than farmer (p=0.05)
Zone/ Subzone 3.2	Farm 8	Marine Harvest	15-Jun-10	-	NSD	NSD	
	Farm 9	Marine Harvest	15-Jun-10	NSD	NSD	NSD	
	Farm 10	Grieg	24-Jun-10	NSD	NSD	NSD	
Zone/ Subzone 3.3	Farm 11	Marine Harvest	29-Jun-10	NSD	NSD	NSD	
	Farm 12	Marine Harvest	29-Jun-10	NSD	NSD	NSD	
	Farm 13	Marine Harvest	29-Jun-10	NSD	NSD	NSD	
	Farm 14	Mainstream	29-Jun-10	NSD	NSD	NSD	
Zone/ Subzone 3.4	Farm 15	Marine Harvest	23-Jun-10	NSD	NSD	NSD	
	Farm 16	Marine Harvest	23-Jun-10	NSD	NSD	NSD	
Zone/ Subzone 3.5	No Audit conducted for quarter						

NSD denotes no significant differences, signifying that differences in auditor and farmer sea lice counts are likely due to random chance alone.

If significant differences were observed between the auditor's and farmers sea lice counts, + denotes a significantly higher count in the auditor's sample and - denotes a significantly lower count in the auditor's sample than the farmer's sample

Statistically significant differences in numbers of lice counted between the auditor and farmer can be attributed to the following possibilities:

- The auditor and farmer do not count lice on the same fish; differences may be due to the samples
- The auditor and/or farmer may misidentify a louse as a different species (ie. *C. clemensi* as a *L. salmonis*)
- The auditor and/or farmer may not detect a louse