

Valparaíso, 15 March 2007

From: National Director of Fisheries

To: Cristian Pérez,
Coordinator in Chile
Pure Salmon Campaign

According to your email requesting information dated on 10.01.07, I inform you the following:

1. In relation to fish escapes, from fish farm facilities, I can say that according to legislation in place, the record of salmon species is an obligation since 2003. In the attached table are described, for the period 2004-2005, 15 escapes of salmon individuals events, from fish farm facilities located at the X and XI Regions

X Region

Date	Province	Commune	Place	Species	N° escapees	Average weight (kg)	Causes
01.07.2004	Chiloé	Quinchao	Coñao, Quinchao Island	Salmon coho	4,034	1,4	Counterweight detachment Net breakage
03.07.2004	Llanquihue	Cochamo	Chapo Lake, Coluli Bay	Rainbow trout	140,000	0.18	Storm
13.07.2004	Chiloé	Quemchi	Tac Island	Rainbow trout	60,000	0.7	Net and net-cage breakage
04.05.2004	Llanquihue	Calbuco	Metrencue	Salmo salar	12,406	3.67	Collision of vessel with net-cage
23.01.2005	Llanquihue	Puerto Varas	Desague	Rainbow trout	7,600	0.425	Net and net-cage breakage
17.03.2005	Llanquihue	Puerto Montt	Huelmo	Salmo salar	14,585	2.9	Net unstitch

29.03.2005	Chiloé	Ancud	Butacheuques Island	Salmo salar	110,972	1	Net and net-cage breakage
10.04.2005	Chiloé	Quinchao	Alao Island	Salmo salar	67,209	1.24	Mistake in the installation of fishing net
06.06.2005	Valdivia	Ranco Lake	Illahuape Peninsula	Salmo salar	44,474	0.125	Tow of mobile net-cage with breakage of fishing net
20.09.2005	Chiloé	Castro	North-east Chelin Island	Salmon coho	30,000	1.371	Storm with winds and groundswell
24.09.2005	Llanquihue	Calbuco	Guar Island	Salmo salar	4,000	1.3	Net breakage caused by sea lion attack
20.12.2005	Chiloé	Quinchao	Coñao	Salmon coho	1,400	3.3	Fishing net breakage

XI Region

Date	Province	Commune	Place	Species	N° escapees	Average weight (kg)	Causes
14.05.2004	Aysén	Aysén	Chacabuco Port	Salmon coho	2,925	0.5	Not specified
01.07.2004	Aysén	Aysén	Acantilado Bay	Salmon coho Rainbow trout	1,779,000	0.95	Storm with winds and rain
01.07.2004	Aysén	Aysén	Partida Island, Chacabuco Bay	Rainbow trout	25,000	Without Information	Storm with winds and rain

2. Regarding infectious diseases, I inform you that the National Fisheries Service, Sernapesca, carry out an Active Surveillance Programme, oriented to gathering information about the status of exotic infectious diseases, internationally recognized as serious and that affect hydro-biological species in our country. At its turn, regarding prevalent diseases, this Agency collects information through a passive system, that considers diseases of high risk of list 2, mentioned at the resolution N° 2536/2006 (attached)

Annual results of the two above mentioned programmes, are contained at the Sanitary Report, available from our website www.sernapesca.cl

It must be noted that at point 3 of the 2005 Report, it is mentioned the requested information about prevalent and important diseases in the country. However, it is important to mention that other occurring diseases are not included in it, due to the cosmopolitan and ubiquitous character of their causative agents and the opportunistic characteristics of such diseases.

3. Regarding parasitary diseases, I must mention that in spite of the fact that those diseases are not contained at the previously mentioned list of diseases of high risk, it is known that *Caligus spp.* is a highly prevalent parasitism in marine and estuarine culture environments of the X Region, been its prevalence a little less extended t the XI Region. It must be noted that our Agency, to date do not have records of the parasitary charge in those areas.

4. In relation to chemical products, it must be noted that the Service for Agriculture and Husbandry (Servicio Agrícola y Ganadero, SAG) is the agency in charge of the registration of pharmaceutical products of veterinary use, including those to be used in hydro-biological species. The list of pharmaceutical products of exclusive veterinary use, registered for different species, including fish species, is available at SAG website www.sag.cl

Regarding the use of pharmaceutical products in hydro-biological species, it mus be noted that Sernapesca is the agency responsible for its enforcement, according to the regulations established at the correspondent general and specific sanitary programmes. Since 2005, fish-farm centres must inform Sernapesca about the use of antibiotics and vaccines.

Related to the statistics of anti-fouling products used, Sernapesca does not have recorded information.

5. Regarding fish-farm mortalities, it must be noted that they must have records and to conduct a management of their mortalities, according to what is contained at the General Sanitary Programmes for Mortalities Management (Resolution N 66/2003) and Diseases (Resolution N° 67/2003)

In relation to the sanitary conditions for the management of waste at fish-farm facilities, procedures associated to them are contained at the General Sanitary Programmes for Waste Management (Resolution N° 68/2003)

Finally, the enforcement of the sanitary requirements of the previously mentioned programmes is under Sernapesca's responsibility and the associated information is consigned at the respective inspection guidelines.

Best regards,

Inés Montalva
National Director of Fisheries

Cc

Cristian Pérez
National Direction of Fisheries
Department of Fishing Administration
Department of Aquaculture
Archive