

SALMON FARM RELOCATION

My name is Elizabeth Clarke, I am a trustee of The Crail Bay Trust, I am a shareholder/Director of Crail Bay Aquaculture Ltd. The Crail Bay Trust is the Resource Consent Holder of the Crail Bay South site(K, license 32). Crail Bay Aquaculture Ltd leases and runs license 32. At present we are only farming mussels, which King Salmon never had any rights over. However we wish to retain the right to apply for a resource consent and farm fish at this site. King Salmon hold a resource consent to farm salmon at this site, but they have no property rights over the site as they no longer pay for the sublease. License 32 should not be part of the relocation as King Salmon have no right to move it.

I believe the other 5 sites should be relocated to 5 of the new sites. The Waitata Bay mid channel site should not be allowed as it is an extreme navigation hazard. It is also more visible than any of the other sites, and would create far more visual pollution than the other sites, it would also interfere greatly with other users of the Sounds. The Horseshoe Bay site is also a navigation hazard in it's present location and it should be rotated and moved closer to the shore, to overcome this problem.

If the farms are relocated the staged adaptive management must be adhered to, and the relocated farms need to be closely monitored to ensure there are no pollution problems. The farms need to be carefully managed to minimise any harmful effects. Any morts should be removed daily especially in summer as they cause smell and attract sharks and other predators to the cages. There should be strict conditions on the use of chemicals and poisons, nothing should be put in the water that will damage the environment or compromise water quality or other sea life.

Polyculture should be considered to minimise the harmful effects of salmon farming. There are already shellfish farms adjacent to the new sites and these will reduce any overenrichment. Sea cucumbers could be farmed under the cages to help mop up any excess nitrogen. There may be other species that complement salmon farming and help keep the area under the salmon farm in its natural state

Summary

No restrictions on MFL32

Fin fish farming needed to balance nutrients

This proposal should not restrict fin fish farming in the Pelorus sound

1. Curriculum vitae

Blenhiem

Marlborough Boys

Dived the sounds

BSc zoology VUW

Fisheries management MAF

Post grade plus aquaculture extension UK

Nelson

Full time mussel farming 1977

MFA

2. Planning

Govt plan

Multi use

Recreational v commercial

Marine farming on shore line

No.3 midwater site

Prior use

Mid bay, Kokomara

3. Mussel history

Low cost modular structure

Economic benefit, waitaria school, Havelock

4. Fish farming evolution

BP, big glory

Clive Baker

Fish and game

Nz marine farms

Regal salmon

Steel cage and hatchery

Kingfish, ring cage and mussel farm intergration

5. Low intensity low flow system

System v ring

6. History of mfl. 32 Salmon

Crail bay Aquaculture