



## New Zealand King Salmon – 2017- Compliance Report for - Coastal Permit (U040412) - Forsyth Marine Farm

### Assessment of compliance with consent U040412

This report sets out the compliance status for the Forsyth Marine Farm Coastal Permit – Discharge to Seawater. The information in this report is based on the Environmental Monitoring Report provided by Cawthron.

Compliance Status has been indicated using a monitoring traffic light system where **green** indicates compliance; **yellow** indicates technical non-compliance; **orange** indicates that a breach of effects or best practice consent conditions has occurred with minor actual or potential adverse environmental effects, and **red** indicates significant non-compliance where a persistent or significant breach has occurred causing adverse environmental effects.

Report prepared by: Claire Frooms Environmental Protection Officer

Date: 2 October 2018

**Overall compliance status: Compliant**

Please note that the following consent conditions are representative only, they do not include the complete list of conditions of consent.

Condition	Comment	Compliance Status
<p><b>14. ENVIRONMENTAL QUALITY STANDARDS</b></p> <p>The environmental quality standards (EQS) that shall be applied for seabed effects follow the model as presented in the application i.e. seabed effects are 'zoned' around the cages to allow for a mixing or transition zone. Outside this zone no adverse effect on the seabed is allowed. Three 'zones' under and around the marine farm shall be established as follows:</p> <p>a. Referred to as 'Zone 1' – Beneath the cages and out to 50 m from the cages.</p> <p>b. Referred to as 'Zone 2' - From 50 m to 150 m from the outside edge of the cages.</p> <p>c. Referred to as 'Zone 3' - Beyond 150 m from the outside edge of the cages.</p>	<p>The report detailed the locations of sampling sites. These sampling sites sit within zone 1; at the 50m location; at the 150m location and within zone 3.</p> <p>Adverse effects were seen within zone 1.</p>	
<p><b>21. ONGOING ANNUAL MONITORING</b></p> <p>A monitoring report is to be prepared at least annually, and will include:</p> <p>a. a description of the types, location and area of structures within the 2 hectare authorised area and a description of any movement or relocation of structures over the previous year;</p> <p>b. presentation of monitoring results;</p> <p>c. a comprehensive and integrated report on the effects of the development and operation of the farm to date, including maximum biomass of fish and feed volumes discharged over that year;</p> <p>d. an assessment as to whether or not the farm is having a significant adverse effect on the environment or not;</p> <p>e. recommendations as to how any adverse effects on the environment can be avoided, remedied or mitigated; and</p> <p>f. the adequacy of the monitoring programme. NB: The monitoring programme shall be public record.</p>	<p>An annual monitoring report was prepared and provided to Council, it included:</p> <p>a. A brief description of the site setup in section 3.1.</p> <p>b. The monitoring results are clearly set out in Appendix 3.</p> <p>c. Section 3 of the report provides a comprehensive report on the effects of the farm previously as well as within the last year. The report details that the very high levels of zinc are of concern despite the farm having been followed this monitoring period.</p> <p>d. The report provides an assessment of the adverse effects on the environment. It concludes that despite having been followed for the year the zinc levels remain so high that biological effects are highly probable.</p> <p>e. The report recommends that the farm remains not restocked until enrichment levels improve further.</p> <p>f. Section 3.4 of the report recommends</p>	

	that the monitoring programme continues and evaluates it as being very worthwhile.	
22. The consent holder shall commission an independent person (or persons) with appropriate expertise in environmental monitoring to undertake the monitoring and reporting work required by the conditions of this consent.	The report was prepared by Cawthron.	

**Please Note:**

Pursuant to section 36 of the Resource Management Act 1991 and the Marlborough District Council's schedule of fees, the consent holder shall be responsible for all costs associated with the monitoring of this consent in accordance with the schedule of fees.

Where non-compliance is noted on an inspection visit, remedial action is identified and advised to the consent holder in writing. A follow-up visit may confirm that appropriate remedial action has been taken. No charge is made for this visit if the consent holder is at this stage complying with the consent conditions. If the conditions of the consent are not being complied with the consent holder is charged and subsequent visits maybe required.



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