

Umhverfisstofnun,
bt. Gottskálk Friðgeirsson
Suðurlandsbraut 24

108 Reykjavík

Efni: Reglubundið eftirlit í eldisstöðina Fjallalax 5.7.2023

Frávik frá grein 3.4. í starfleyfi

Lýsing á fráviki:

Losun fosfórs og köfnunarefnis í viðtaka er yfir losunarmörkum. Losun fosfórs má ekki fara fram úr 7 kg/tonn af lífmassaaukningu á ári. Losun köfnunarefnis má ekki fara fram úr 60 kg/tonn af lífsmassaaukningu á ári

Úrbætur Fjallalax ehf:

1. Feeding. Fjallalax is aware there is uneaten feed in the outlets. Employees will either reduce feeding or improve the distribution/uptake of the feed. The lower uptake levels of feed are a result of high exchange rates in the tanks required to ensure good fish welfare. By increasing the uptake opportunities for the fish we hope to reduce the amount of uneaten feed in the outlets. This will be done by making changes to increase the amount of water in the tanks and reducing the exchange time. The changes to increase the water levels are currently being made.
2. Decreasing the water usage. Fjallalax is a 40 year old station and the rehabilitation is still in progress. One of the systems that needs to be upgraded is the oxygenation system. Currently, the amount of water used in the 4m tanks is to ensure proper levels of oxygen for production and fish welfare. By upgrading the 4m oxygen cones Fjallalax will reduce the amount of water used in production. It will also impact #1 as better currents should be expected and lower exchange rates. The necessary equipment is being ordered and the installation process will be prioritized.



3. Increase and improve filtration. Fjallalax has been experiencing growing pains with the installation and operation of the new drumfilters. They are currently working much better after a visit from the supplier and will soon have monitoring to ensure proper operation. In addition, the filtration will be improved by addressing points #1 and #2. Lastly, by installing new drumfilter mesh there will be better filtration of the water coming out of the system.

4. Sludge treatment container. For the time being sludge from the drumfilters is being collected, but the treatment container should be getting delivered this week. Fjallalax is still waiting on the pad, electrical, and plumbing hook ups, but the concrete work will begin next week 16.10.23 and the excavation for the electrical and plumbing systems soon after.

On behalf of Fjallalax,

Rolf Ørjan Nordli

Rolf Ørjan Nordli, COO Biology

Signature: *Rolf Ørjan Nordli*
Rolf Ørjan Nordli (Oct 11, 2023 10:15 GMT)

Email: ron@arnarlax.is

Fjallalax Improvement plan UST 10-2023

Final Audit Report

2023-10-11

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