



Our Ref: CAR/L/1181033

Site Development Manager
The Scottish Salmon Company Limited
8 Melville Crescent
Edinburgh
EH3 7JA

6 July 2020

Dear

**Water Environment (Controlled Activities) (Scotland) Regulations 2011
("The Regulations")
Regulation 14: Request for Further Information
Application Reference Number: CAR/L/1181033
Site Location: North Arran B Marine Pen Fish Farm**

Thank you for sending us your application which we received on 22 February 2019.

We have identified that some of the information required to process your application was not included with the application. To enable us to proceed we require the following information:

- Undertake a new hydrographic survey as described in section 7 of the *Regulatory Modelling Guidance for the Aquaculture Sector* document available here: <https://www.sepa.org.uk/media/450279/regulatory-modelling-guidance-for-the-aquaculturesector.pdf>
- Populate the hydrographic spreadsheets available here <https://www.sepa.org.uk/regulations/water/aquaculture/pre-application/> and submit to for review
- Undertake NewDepomod modelling using the default settings. These are specified in Appendix A of the guidance.
 - i. Please note that the decay value for Slice can be changed from Infinity to 21600000 in the inputsFile.Particle.degradeT50Chemical setting, which corresponds to a half-life of 250 days.
 - ii. The vertical resuspension coefficient (run.physicalPropertiesFile.Transports.resuspension.walker.dispersionCoefficientZ) should be calculated based on the mean speed at the bed (see page 21 of the guidance)
 - iii. The modelling should use flat bathymetry with a uniform depth equal to the deployment depth of the ADCP
 - iv. The previous hydrographic data had significant residual speed (i.e. a residual magnitude greater than 35% of the mean speed). If this is the case for the new hydrographic data, simulations should be undertaken using the 'raw' data set and repeated with the residual current removed. Please see page 23 of the guidance. Note that the vertical resuspension coefficient will need to be calculated separately for each of these runs.

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- All files for the model runs should be submitted for review, using the directory structure specified in Appendix A of *AQUACULTURE MODELLING Regulatory Modelling Process and Reporting Guidance for the Aquaculture Sector*, available here:
<https://www.sepa.org.uk/media/450278/regulatory-modelling-process-and-reporting-guidancefor-the-aquaculture-sector.pdf>
- A report containing the information about the modelling should be submitted; please see section 7 of the reporting guidance document

Please send the requested information by email to our Registry Department at the address below by 31 December 2020.

The Registry Department, Scottish Environment Protection Agency

Email:

The effect of this letter is to put SEPA's determination of your application on hold. The determination time period will restart on 1 January 2021, or on the date of return of all of the requested information if sooner.

On receipt, the information will be placed on SEPA's public register. If you consider that any of the information supplied is commercially confidential, you may apply to have the information excluded from the register on those grounds. Any such claim must include representations indicating why you consider the information commercially confidential, together with such further information in support of the claim as you consider appropriate. SEPA will then have 28 days to notify you of its decision regarding your claim for commercial confidentiality.

If you have any questions regarding this letter please contact .

Yours faithfully

Unit Manger