

SEPA Registry
Dingwall Office
Fodderty Way
Dingwall Business Park
Dingwall
IV15 9XB

16th November 2021

RE: Grieg Seafood Shetland Ltd CAR application: West of Burwick

Dear SEPA,

Grieg Seafood Shetland Ltd are proposing a technical variation to the West of Burwick site (CAR/L/1003059) from 10 x 90m cages to 10 x 120m cages. The proposed cages will extend further south and north from the current site. The grid at the proposed site will be 75m x 75m, and the proposed maximum biomass will be 3438.25T. Grieg Seafood Shetland Ltd propose to relinquish the East of Papa site (1500T) should this application be successful. This would be an overall increase of 15.65T.

NewDEPOMOD modelling has been conducted using a newly collected 90-day ADCP data set, which has been reviewed by the SEPA Modelling Team. This modelling has been undertaken to replicate the deposition of the existing site using the SEPA default settings and use the same settings to model the proposed site. A local area hydrodynamic model has been built by an external contractor (DHI UK) using the MIKE 3 modelling suite. This model has been calibrated and validated using multiple Grieg Seafood Shetland Ltd and Scottish Sea Farms Ltd hydrographic surveys.

Attached with this letter are the following documents:

- CAR application forms C, G
- List of Chemicals, Chemical Sheets and Feed Label
- Copies of original CAR licence and subsequent variations
- Hydrodynamic and Bath treatment modelling report
- Depositional and EmBz modelling report
- Environmental Monitoring Protocol to be followed for sampling at the site
- Hydrographic reports and Technical report on comparison between hydrographic data
- Previous Benthic Monitoring Reports
- Site charts
- Soluble nutrient release report
- Production Plan
- Proof of payment for application

Due to the size of the NewDEPOMOD modelling files and hydrographic data used as part of the modelling for the application, these have not been included, however these will be sent separately to the aquaculture modelling team at SEPA for consideration.

Do not hesitate to contact Grieg Seafood Shetland Ltd should further questions arise.

Yours sincerely,

Environmental Modeller