



Marine Institute  
Foras na Mara

Rinville,  
Oranmore,  
Co. Galway  
Tel: 091 387200

Date: 01 May 2018

Ann McCarthy  
Aquaculture and Foreshore Management Division  
Department of Agriculture, Food and the Marine  
Clogheen,  
Clonakilty  
Co. Cork.

**Advice on Aquaculture Licence Application**

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|--------------------------|--|
| <b>Applicant</b>         | <b>Fitzpatrick Oysters Ltd</b>   |
| <b>Application type</b>  | <b>New Application</b>   |
| <b>Site Reference No</b> | <b>T03/088 A, B and C</b>  |
| <b>Species</b>           | <b>Pacific Oysters – Bags and Trestles</b>   |
| <b>Site Status</b>       | <b>Located within the Bannow Bay SPA (Site Code 004033) and the Bannow Bay SAC (Site Code 000697)<br/>Not located within a designated Shellfish Growing Waters Area.</b> |

Dear Ann

This is an application for new aquaculture licences for the cultivation of pacific oysters (*Magallana gigas* – previously called *Crassostrea gigas*) using bags and trestles at Sites T03/088A, B and C on the foreshore at Bannow Bay. The area of foreshore at Site T03/088A is 4.8651Ha, the area of foreshore at Site T03/088B is 7.745Ha and the area of foreshore at Site T03/088C is 2.613Ha.

The sites are not located within a designated Shellfish Growing Waters Area. It is recommended that the implications of licencing sites that are not located within a designated Shellfish Growing Waters Area should be fully considered by DAFM as part of the licence determination process

Oysters in this area currently have a “B” Classification under Annex II of EU Regulation 854/2004.

The cultivation of shellfish at this site will produce faeces and pseudofaeces. Any impact will be limited to the area of the sites. The build-up of excess organic matter beyond the footprint of the sites is not considered likely. On the basis of targeted research<sup>1</sup>, the impact of intertidal oyster cultivation using bags and trestles on the majority of community types is considered not significant.

No chemicals or hazardous substances will be used during the production process.

Sites T03/088A, B and C are located within Bannow Bay SPA (Site Code 004033) and the Bannow Bay SAC (Site Code 000697). We note the findings of the Appropriate Assessment report<sup>2</sup> and the Department’s Natura conclusion statement<sup>3</sup> in regard to the impacts on the Conservation Objectives within the the Bannow Bay SPA and the Bannow

<sup>1</sup> Forde, J., F. O’Beirn, J. O’Carroll, A. Patterson, R. Kennedy. 2015. Impact of intertidal oyster trestle cultivation on the Ecological Status of benthic habitats. Marine Pollution Bulletin 95, 223–233.

<sup>2</sup> <https://www.agriculture.gov.ie/seafood/aquacultureforeshoremanagement/aquaculturelicensing/appropriateassessments/reeningcarriedout/bannowbayappropriateassessment/>

<sup>3</sup>

<sup>3</sup> <http://agriculture.gov.ie/media/migration/seafood/aquacultureforeshoremanagement/aquaculturelicensing/appropriateassessmentconclusionstatement/BannowBayConStatement110418.pdf>

Bay SAC. In particular we note the conclusion which states that *"On the basis of the Appropriate Assessment findings it is not proposed to licence any new aquaculture activity in Bannow Bay as there are no clear mitigation measures available to prevent the risk of the deterioration of the conservation status of the referenced shorebirds"*

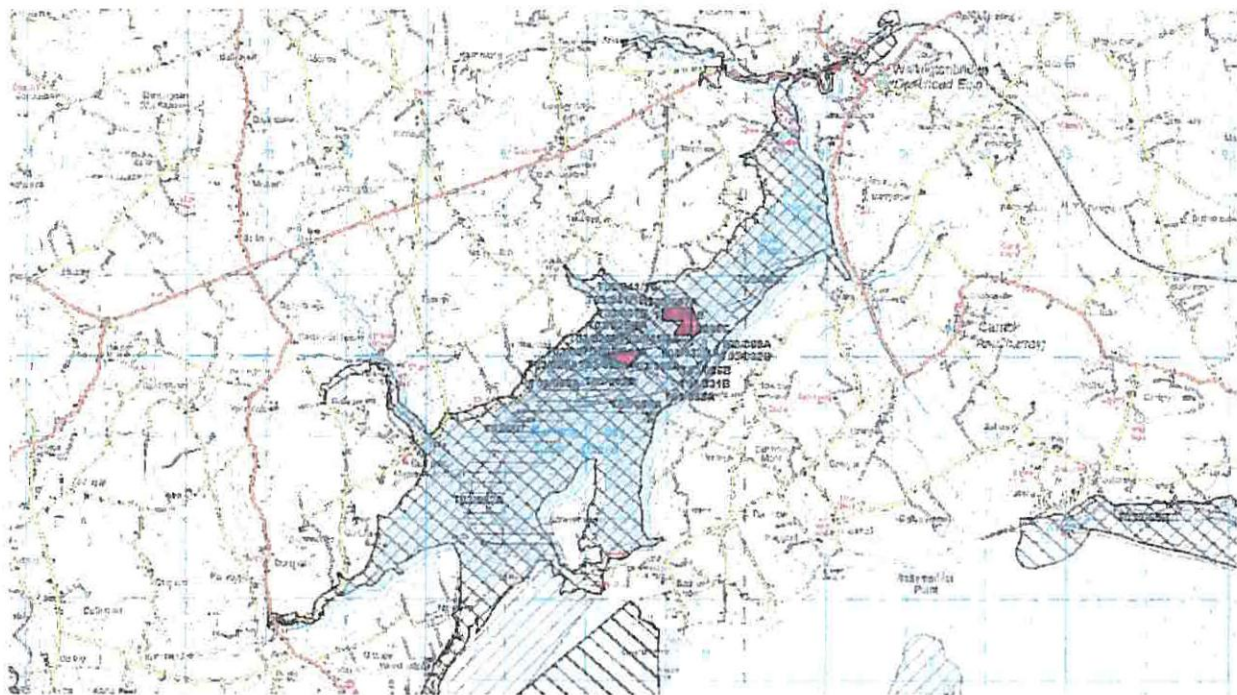
On the basis of the above the Marine Institute is of view that aquaculture licences at these sites should not be granted.


Kind regards,





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Dr. Terry McMahon  
Section Manager, Marine Environment and Food Safety Services,  
The Marine Institute.



Shellfish Waters Directive Area  


Aquaculture Site  


Special Area of Conservation  


Special Protection Areas  
