



Marine Engineering Division

Report on Aquaculture Licence Application

Application Reference No: T06/386A

Report Prepared By: Raphael Crowley

Date: 12 April 2018

Applicant: Pat Moran, The Mount, Cheekpoint, Co. Waterford

Location: Bunaclugga Bay, Co. Kerry (Lower River Shannon)

Applicant Type: Aquaculture/Foreshore Licence Application

Sites:

A

Site Area (Ha):

4.9

Species: Pacific Oysters (*crassostrea gigas*)

Cultivation Method: Trestle and Bag

Intertidal/Non-Intertidal: Intertidal

Annual Production Estimates: Oysters 150 tonnes

Shellfish Waters Designation Reference: Yes No
S.I.55 of 2009 - West Shannon Ballylongford

Environmental Designation Reference: Yes No
River Shannon & Fergus Estuaries SPA (Site code: 004077).
Lower River Shannon SAC (Site code: 002165)

Development Plans Reference: Yes No
Kerry County Development Plan 2015-21 - Section 8.4;
Strategic Integrated Framework Plan for the Shannon Estuary - Section 5.9.

Pre-Consultation Meeting Date: Yes No

Drawing Validation Sheet

OSI Maps

Comment:

Yes No

6" scale maps prepared by GIS Mapping Section.

BA Chart

Comment:

Yes No

BA Charts prepared by GIS Mapping Section.

Farm Layout Drawing

Yes No

Directional Arrow Yes No

Scale Yes No

Title Block Yes No

Date Yes No

Comment: Drawings submitted are suitable.

Drawings of structures

Comment:

Yes No

Drawings submitted are suitable.

**Details of Proposed
Navigation Marking**

Comment:

Yes No

Details not provided

Site Access Indicated

Comment:

Yes No

Drawings submitted are suitable.

**Site Co-Ordinates
Indicated**

Comment:

Yes No

Site Overlap

Comment:

Yes No

**Oyster Fishery Order
Overlap**

Comment:

Yes No



The application is submitted with each of the requirements listed and is therefore deemed to be a valid application.



AFMD should be aware that insufficient details have been submitted as per above.

Site Suitability Assessment

Site Location

Site location maps have been submitted with the application. The site is located in the 'West Shannon Ballylongford' shellfish designated waters at Bunaclugga Bay, Co. Kerry. The Strategic Integrated Framework Plan for the Shannon identifies this part of the Shannon Estuary as suitable for aquaculture development.

There has historically been aquaculture at this location and the bay is relatively sheltered with the hydrodynamic regime suitable for this type of aquaculture. The consistency of the seabed at this location is firm and suitable for the aquaculture proposed.

Site Management

This application is for new aquaculture activity at Bunaclugga Bay, Co. Kerry.

Proposed Site Layout and Structures

The applicant proposes cultivating oysters using the bag and trestle method. The farm site layout and detail of structures to be licensed for this application have been prepared and are suitable for advertising and attachment to any licence issued for the site.

Land Based Facilities / Site Access

Details of the access route were included with the application. The applicant proposes to access the site from a local county road.

Navigation

The Shannon Estuary is a significant deep-water port with associated marine activity including commercial, fishing and marine leisure activity throughout the Shannon Estuary. Details of navigational marks have not been provided for this site. Details of navigation marking for this site, or an overall SUMS scheme if adjoining sites are to be licenced, should be provided prior to licencing.

Visual Impact

This site at Bunaclugga Bay is in an area of low population density and does not attract significant numbers of visitors. The Kerry County Development Plan 2014 identifies the area as Rural Secondary Amenity Landscape with sections of the R551 regional road as having Views and Prospects of note, but this site is obscured from the R551 at this location. The aquaculture site is not visible from the Wild Atlantic Way which passes nearby.

Visual impact of oyster activity is general low. The proposed farm layout and type of structures adhere to the best practices outlined in the Guidelines for Landscape and Visual Impact Assessment of Marine Aquaculture, 2001. The licence conditions will specify the orientation of the structures on the site to minimise the visual impact.

Impact / Cumulative Impact

This application is one of a number of applications for aquaculture at Bunaclugga Bay. This is new aquaculture in a previously developed area, and there is unlikely to be a negative impact due to this application. There is other marine activity in the area and a group marking scheme will be required to reduce the impact of the aquaculture on navigation in the area if all the proposed sites are licenced.

The 2018 Appropriate Assessment of the aquaculture proposals at Bunaclugga Bay should be consulted to ensure that this aquaculture activity does not pose a potential significant negative impact on the River Shannon & Fergus Estuaries SPA or Lower River Shannon SAC.

AFMD should ensure navigation marking details are included in the licence if issued.

Marine Engineering Division has no objection to the licencing of this site subject to the above.

Kelleher, Evan

From: O'CALLAGHAN Tom [TomOCallaghan@dtas.gov.ie]
Sent: 08 April 2019 15:34
To: ODonovan, Geraldine
Cc: neil.askew@irishlights.ie; 'catherine.butler@bim.ie'; info@sfpc.ie
Subject: T06/386 Oysters, Pat Moran in Bunaclugga Bay

CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Dear Ms O'Donovan,

This has no objections to this application.

- The two offshore corners of the site are required to be marked with a yellow special mark with topmark; the topmark to be visible at all stages of tide at a height of two metres above the water.
- Statutory sanction to be obtained for these marks from the Commissioners of Irish Lights (www.irishlights.ie info@irishlights.ie)

Kind regards

Tom O'Callaghan (Capt.)
Nautical Surveyor
Marine Survey Office

—
An Roinn Iompair, Turasóireachta agus Spóirt
Department of Transport, Tourism and Sport

Centre Park House, Bóthar Na Páirce Láir, Co. Corcaigh, T12 RKON
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Tá eolas sa teachtaireacht leictreonach seo a d'fhéadfadh bheith príobháideach nó faoi rún agus b'fhéidir go mbeadh ábhar rúnda nó pribhléideach ann. Is le h-aghaidh an duine/na ndaoine nó le h-aghaidh an aonáin atá ainmnithe thuas agus le haghaidh an duine/na ndaoine sin amháin atá an t-eolas. Tá cosc ar rochtain don teachtaireacht leictreonach seo do aon duine eile. Murab ionann tusa agus an té a bhfuil an teachtaireacht ceaptha dó bíodh a fhios agat nach gceadaítear nochtadh, cóipeáil, scaipeadh nó úsáid an eolais agus/nó an chomhaid seo agus b'fhéidir d'fhéadfadh bheith mídhleathach.

Tá ár Ráiteas Príobháideachta le fáil ar www.dttas.gov.ie

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3rd July 2018

Bernie McDonald,
Aquaculture and Foreshore Management Division,
Department of Agriculture, Food and the Marine,
National Seafood Centre
Clonakilty,
Co. Cork.

**Re: Aquaculture and Foreshore Licence application T06/386 for the cultivation
of Pacific Oysters in Bunaclugga Bay, Co. Kerry**

- The issuing of an Aquaculture and Foreshore Licence in the area identified as T06/386 for the cultivation of Pacific Oysters would have **no negative impact** on local sea fishing operations.

Yours sincerely,



Cathal Laide,
Sea Fishery Officer,
Sea Fisheries Protection Authority,
Dingle, Co. Kerry.