



Marine Engineering Division

Report on Aquaculture Licence Application

Application Reference No: T06/356A & T6/356B (New Ref. Required)
(Applicant proposes to combine applications)

Report Prepared by: Gearoid O'Shea, Engineer

Date: 11 April 2018

Applicant Sneem Fisherman's Co-Operative Society Ltd

Location Kenmare Bay, County Kerry

Applicant Type Aquaculture/Foreshore Licence

Site

T6/356A & T6/356B Combined

Site Area (Ha)

19.3

Species Mussels (*Mytilus edulis*)

Cultivation Method Longlines

Intertidal/Non-Intertidal Non-Intertidal

Source of Seed / Spat Not Specified

Annual Production Estimates Not Specified

Shellfish Waters Designation Yes No

Reference: Map 2: Kenmare River of December 2008

Environmental Designation Yes No

Reference: Kenmare River SAC (Site Code: 2158)

Development Plans Yes No

Reference: Kerry County Development Plan 2015-2021, Sec 8.4

Pre-Consultation Meeting Yes No

09 April 2018

Drawing Validation Sheet

OSI Maps

Yes No

Comment:

MED OSi Map, Revision Required

BA Chart

Yes No

Comment:

MED BA Chart, Revision Required

Farm Layout Drawing

Yes No

Directional Arrow	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Scale	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Title Block	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Date	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

Comment:

Prepared by applicant's engineer

Drawings of structures

Yes No

Comment:

Section detail of mussel longline structure

Details of Proposed Navigation Marking

Yes No

Comment:

Locations indicated on layout drawing

Site Access Indicated

Yes No

Comment:

Blackwater Pier Specified to MED

Site Co-Ordinates Indicated

Yes No

Comment:

Submitted with application form

Site Overlap

Yes No

Comment:

Sites T6/356A & T6/39SF2E

Oyster Fishery Order Overlap

Yes No

Comment:



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

The site is located in relatively sheltered waters along the southeast shoreline of Rossmore Island, Kenmare Bay, Co. Kerry. The site is adjacent to the N70 roadway from Kenmare to Sneem which is a part of the well-known Ring of Kerry.

Site Management

The operator proposes to reconfigure the aquaculture sites at Rossmore Island. The operator proposes to combine 2 No. application sites T6/356A and T6/356B into 1 No. larger site. The operator has submitted a revised layout drawing indicating the proposed layout of this larger site. The area of sites T6/356A & T6/356B is 10.2 Ha and 10.5 Ha, respectively. The area of the proposed combined site is 19.3 Ha. The co-ordinates of the proposed area are listed below:

76995, 65778 to ING reference point
77219, 65522 to ING reference point
76699, 65140 to ING reference point
76554, 65394 to the point first mentioned.

The boundary changes are not significant but the Marine Institute should be consulted regarding the impact on the Kenmare Bay Appropriate Assessment. GIS Mapping Section of MED should be requested to adjust the aquaculture database accordingly and reissue the appropriate maps for the relevant site.

The aquaculture licence areas for mussel cultivation at Rossmore Island have been reconfigured to improve navigation, farming operations, and visual impact within the overall aquaculture area.

Site Layout and Structures

Please see attached layout drawing indicating the proposed mussel longline layout within relevant site. The flotation barrels should be battleship grey in colour. Each floating mussel longline should not be longer 200 metres in length. A maximum of 10 No. mussel longlines be permitted within the proposed site.

Land Based Facilities / Site Access

The applicant already uses the adjacent Blackwater Pier to access sites in this area.

Navigation

Floating navigation marks are proposed at each of the corners of the site as indicated on the site layout drawing. The MSO should be consulted regarding providing a safe system of navigation for all marine users.



AN t-ÚDARÁS UM
CHOSAINT
IASCAIGH MHARA

SEA-FISHERIES
PROTECTION
AUTHORITY

3rd December 2018

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

**Re: Aquaculture and Foreshore Licence application T6/356A for Sneem
Fisherman's Co-Op Ltd., Kenmare Bay, Co. Kerry**

- The issuing of an Aquaculture and Foreshore Licence in the area identified as T6/356A for the cultivation of mussels would have **no negative impact** on local sea fishing operations. As this area is currently unclassified the site will require classification before any harvesting of shellfish can be undertaken. This will involve a sanitary survey assessment to be undertaken prior to the preparation of a sampling plan.

Yours sincerely,

Bryan Foran,
Sea Fishery Officer,
Sea Fisheries Protection Authority,
Dingle, Co. Kerry.



Rinville,
Oranmore,
Co. Galway
Tel: 091 387200

Date: 16 April 2019

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

Advice on Aquaculture Licence Application

Applicant	Sneem Fishermen's Co-op
Application type	New
Site Reference No	T06/356A
Species	Mussels (<i>M. edulis</i>) – longlines
Site Status	Located within the Kenmare River SAC (Site Code 002158) Located within the Kenmare River / Sneem/ Ardgroom designated Shellfish Growing Waters Area.

Dear Deirdre

This is an application for the renewal of an aquaculture licence to cultivate mussels (*M. edulis*), using longlines, at Site T06/356A in Kenmare Bay, Co. Kerry. The area of foreshore at Site T06/356A is circa 19.32Ha

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

The cultivation of shellfish at this site will produce faeces and pseudofaeces. Any impact will be limited to the area of the site. The build-up of excess organic matter beyond the footprint of the sites is not considered likely.

Considering the location, nature and scale of the proposed aquaculture activity, and in deference to our remit under the Marine Institute Act, and the considerations implicit to Sections 61(e and f) of the Fisheries (Amendment) Act, 1997 the Marine Institute is of the view that there will be no significant impacts on the marine environment and that the quality status of the area will not be adversely impacted

Site T06/356A is located within the Kenmare River / Sneem/ Ardgroom designated Shellfish Growing Water Area.

Under Annex II of EU Regulation 854/2004 mussels in the Sneem / Tahilla area currently have a “B” Classification

Site T06/356A is located within the Kenmare River SAC (Site Code 002158)

We note the findings of the Appropriate Assessment report¹ and the Department's draft Natura conclusion statement² in regard to the impacts on the Conservation Objectives within the Kenmare River SAC.

1

<https://www.agriculture.gov.ie/media/migration/seafood/aquacultureforeshoremanagement/aquaculturelicensing/aquacultureforeshorelicenceapplications/cork/2019/AppropAssessofAquacultandFisheriesRiskAssessinKenmareRiverSAC270319.pdf>

2

<https://www.agriculture.gov.ie/media/migration/seafood/aquacultureforeshoremanagement/aquaculturelicensing/appropriateassessmentconclusionstatement/DRAFTAACONCLUSIONSTATEMENT260319.pdf>

In making the final determination with respect to this application it is recommended that DAFM take full account of the conclusions and recommendations of the Appropriate Assessment report and the proposed mitigation measures set out in the Department's Draft Natura Conclusion Statement.

In order to be able to assess and manage the potential risk of the introduction of invasive non-native species the MI recommends that the initial source of seed and other sources which may be used at any point in the future should be approved by the Minister. This approval should be a specific condition of any licence that may issue. It should be noted that the control of alien species is a separate issue to the control of diseases in the context of the current Fish Health legislation.

Notwithstanding the recommendation outlined above, and in the event that an Aquaculture Licence is granted, the movement of stock in and out of the site should follow best practice guidelines as they relate to the risk of introduction of invasive non-native species (e.g. [Invasive Species Ireland](#)). In this regard it is recommended that, prior to the commencement of operations at the site, the applicant be required to draw up a contingency plan, for the approval of DAFM, which shall identify, *inter alia*, methods for the removal from the environment of any invasive non-native species introduced as a result of operations at this site. If such an event occurs, the contingency plan shall be implemented immediately.

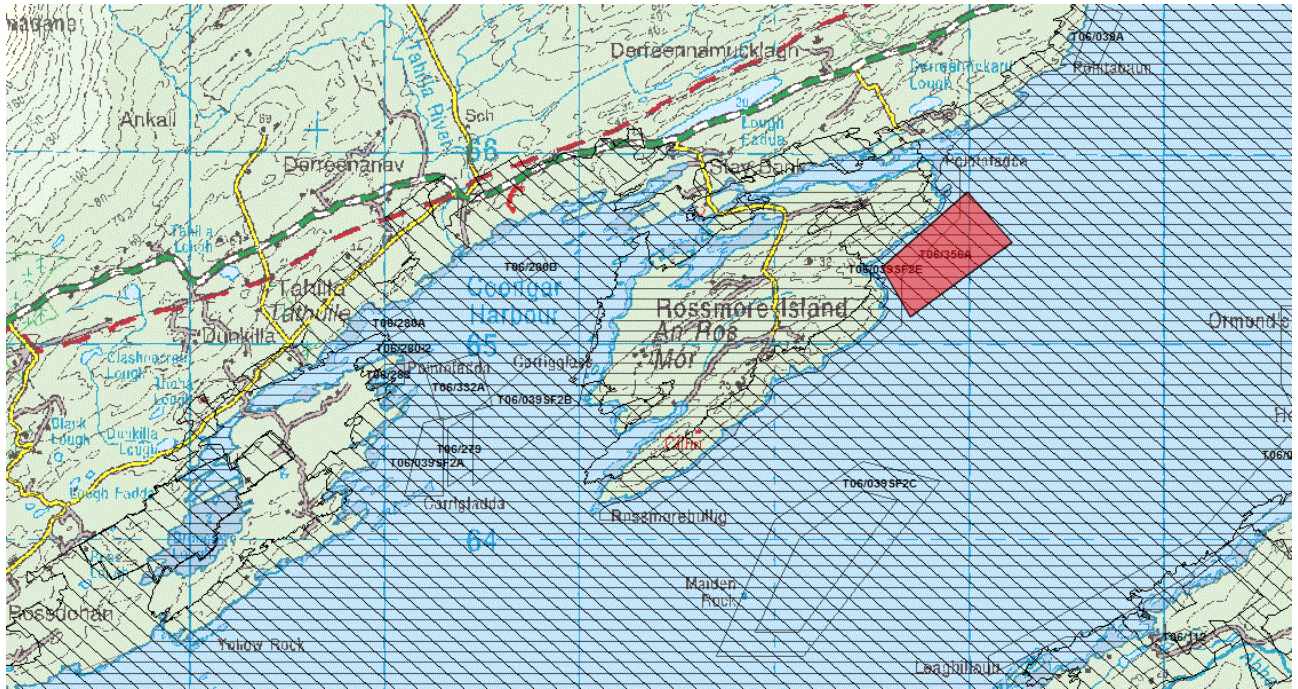
In the event that invasive non-native species are introduced into a site as a result of aquaculture activity the impacts may be bay-wide and thus affect other aquaculture operators in the bay. In this regard, therefore, the Marine Institute considers that the CLAMS process may be a useful and appropriate vehicle for the development and implementation of alien species management and control plans.


It is statutory requirement that a Fish Health Authorisation as required under Council Directive 2006/88/EC be in place prior to the commencement of the aquaculture activities proposed.


Kind regards,





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


Fitzpatrick, Deirdre

From: Foreshore EPA Marine [fem.dau@chg.gov.ie]
Sent: 08 May 2019 12:01
To: Aquaculturelicensing
Subject: [REDACTED] T06/356A [REDACTED]

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A chara,

Attached please find the nature conservation and underwater archaeology recommendations of the Department of Culture, Heritage, and the Gaeltacht for the above mentioned planning application.

Nature Conservation

The Department of Culture, Heritage and the Gaeltacht welcomes the opportunity to provide observations concerning the aquaculture licence applications at Kenmare River SAC (Site Code: 02158) for the sites referenced in your correspondence of the 27th of March 2019. The Department has offered comments on the report supporting Appropriate Assessment of Aquaculture in Kenmare Bay on 10th of December 2015. Comments were also provided on the revised Assessment report and Conclusion Statement and on the Risk Assessment of Fisheries on the 13th and 14th of April 2016, respectively.

The Department acknowledges the consideration of previous observations made by this Department in the 2019 Appropriate Assessment and the draft Conclusion Statement. However the following points are still relevant to the current licence applications. It is hoped that these observations will be considered by the Department of Agriculture, Food and the Marine in its decision-making process.

1. In relation to the Harbour seal Qualifying Interest at the site, the terms "close proximity" and "immediate vicinity", by which the likelihood of man-made disturbance is concluded, are unclear. These could usefully be better defined within the assessment and its conclusions, in order to provide an appropriate level of confidence around this Attribute and its associated Target.
2. There are no recommendations made for the Marine Community Types "Muddy fine sands dominated by polychaetes and *Amphiura filiformis* community complex" and the two subtidal reef communities given that the spatial overlap of aquaculture, when considered in-combination with fishing activity, is close to or exceeds the 15% threshold.
3. Overlap with maërl is only considered in Kilmakilloge and Ardroom Harbours. Maërl also occurs subtidally between Glinisk, Sharky Island and Parknasilla which has sites licensed for mussel culture and scallops culture. These areas have not been considered.

The Department would also like to draw attention to the coastal habitats of Vegetated sea cliffs of the Atlantic and Baltic coasts (1230), Atlantic salt meadows (*Glauco-Puccinellietalia maritima*) (1330) and Mediterranean salt meadows (*Juncetalia maritimi*) (1410) which occur within the Kenmare River SAC. In some cases they occur adjacent to the aquaculture activities however no access routes are given within the Appropriate Assessment document. These habitats were screened out on the basis that there was no overlap with aquaculture activities. However it should be noted that storage of aquaculture materials and access routes for aquaculture can have negative impacts on these habitats. Therefore such activities should not be carried out either inside the Annex I habitat or in an area where it is likely to have an impact on the Annex I habitat (e.g. storing aquaculture frames on a cliff top, storage of equipment or establishing access paths in a saltmarsh). Disposal of waste from aquaculture activities should similarly take place well away from these Annex I coastal habitats.

Underwater Archaeology

The Department notes that cumulatively the area for the 14 applications is large. Kenmare Bay is rich in both terrestrial and underwater cultural heritage and therefore there is a potential to negatively impact archaeology (either known or previously unknown) during the undertaking of aquaculture activities. This could include impact from the laying of anchors for longlines, intertidal archaeology impacted by vehicles accessing bags and trestles, etc.

The Department therefore requires that an appropriate Underwater Archaeological Impact Assessment (UAIA) be carried out to assess the impact of the proposed applications on known or potential cultural heritage. The UAIA shall be carried out by a suitably qualified and suitably experienced maritime archaeologist and should be licenced by this Department. A detailed method statement should accompany the licence application.

The resultant report should be forwarded to the Department in advance of any aquaculture taking place, as further information for consideration and further comments.

Mise le meas,

Connor Rooney
Executive Officer

An Roinn Cultúir, Oidhreachta agus Gaeltachta
Department of Culture, Heritage and the Gaeltacht

Aonad na nIarratas ar Fhorbairt
Development Applications Unit

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
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Is faoi rún agus chun úsáide an té nó an aonán atá luaite leis, a sheoltar an ríomhphost seo agus aon comhad atá nasctha leis. Má bhfuair tú an ríomhphost seo trí earráid, déan teagmháil le bhainisteoir an chórais.

Deimhnítear leis an bhfo-nóta seo freisin go bhfuil an teachtaireacht ríomhphoist seo scuabtha le bogearraí frithvíorais chun víorais ríomhaire a aimsiú.

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Ms Deirdre Fitzpatrick
Aquaculture and Foreshore Management Division
Dept. of Agriculture Food & the Marine
National Seafood Centre
Clonakilty
Co. Cork

Your Reference: T06/356A

Our Reference: LA0554.0064

Date: 19/10/2018

LL: LA0554.0064

Applicant: Sneem Fisherman's Cop-Op Ltd

Site: Kenmare Bay, County Kerry

Dear Ms. Fitzpatrick,

Thank you for your letter advising us of this updated application to expand the previous site.

Based on the information supplied, there appears to be no objection to the development. It is important to ensure that no navigable inter-tidal channels are impeded by any structures.

If a licence is granted, all structures must be clearly marked as required by Regulations and Licensing Permit conditions and to the approval of the Nautical Surveyor with the Marine Survey Office.

We would request that you include the following terms in the licence—

- That the applicant secures Statutory Sanction from the Commissioners of Irish Lights for the aids to navigation that may be required by the Marine Survey Office. These aids should be in place before development on the site commences. Statutory sanction forms are available at <http://www.irishlights.ie/safety-navigation/statutory-sanction.aspx>
- The size and specification of aids to navigation should be of the design and specification approved by the Marine Survey Office and must be agreed in advance with the Commissioners of Irish Lights.

It is recommended that local fishing and leisure interests be consulted prior to a decision being made.

Furthermore, if a licence is granted, the UK Hydrographic Office at Taunton: sdr@ukho.gov.uk must be informed of the development's geographical position in order to update nautical charts and other nautical publications.

Yours sincerely,

Capt. Harry Duggan
for Director of Operations and Navigation

cc Capt. T. O'Callaghan, Dept. of Transport Tourism & Sport, Marine Survey Office

Fitzpatrick, Deirdre

From: Murphy, Mike [murphym@bim.ie]
Sent: 09 May 2019 16:25
To: Fitzpatrick, Deirdre
Subject: RE: 12 Kenmare Aquaculture applications - Kerry sites

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 Deirdre,

Re: License Renewals/Applications in Kenmare, Co. Kerry [REDACTED] T06/356A; [REDACTED]
[REDACTED] to grow mussels on longlines and oysters in bags on
trestles.

Following internal consultation within the Seafood Technical Services Business Unit, BIM, which includes aquaculture and inshore fisheries, BIM are satisfied that the proposed operations do not conflict with any other aquaculture or inshore fisheries interests in the area.

We have no objection to the renewals.

Regards

Mike Murphy

Michael Murphy

Resource Development Manager North,
Seafood Technical Services Business Unit,
BIM

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E mike.murphy@bim.ie

From: Fitzpatrick, Deirdre

Sent: Thursday 28 March 2019 11:46

To: 'Mary Larkin (mary.larkin@fisheriesireland.ie)'; 'terry.mcmahon@marine.ie'; Dallaghan, Ben ; O'Carroll, Terence ; Murphy, Mike ; 'foreshore@housing.gov.ie'; 'planning@failteireland.ie'; 'naturalenvironment@antaisce.org'; 'fem.dau@chg.gov.ie'; environ@kerrycoco.ie

Subject: 12 Kenmare Aquaculture applications - Kerry sites

Dear Consultee

Please see attached letters which refer to the above twelve applications. (Site Refs [REDACTED]
T06/356A, [REDACTED]

I would be grateful for any observations you may wish to make on the applications which must be submitted **within six weeks** from the date of notification. As this correspondence is being sent by e-mail, the date of the e-mail is treated as the date of notification.

Details of the applications and all other relevant documentation may be viewed on the Department's website at:

<http://www.agriculture.gov.ie/seafood/aquacultureforeshoremanagement/aquaculturelicensing/aquacultureforeshorelicencesapplications/cork/>

Regards

Deirdre

Deirdre Fitzpatrick | Aquaculture and Foreshore Management Division



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

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