



Marine Engineering Division
Report on Aquaculture Licence Application

Application Reference No: T05/432B

Report Prepared by: Gearoid O'Shea, Engineer

Date: 06 September 2019

Applicant: Crookhaven Fisherman's Association Ltd.

Location: Crookhaven Harbour, Co. Cork

Applicant Type: Aquaculture/Foreshore Licence

Sites	T05/432B
Site Area (Ha)	7.25

Species: Scallop (*Pecten maximus*) & Aquatic Plants

Cultivation Method: Cages on the seabed & floating longlines

Intertidal/Non-Intertidal: Sub-tidal

Source of Seed / Spat: Hatchery, local spat collection & BMRS Hatchery

Annual Production Estimates: 70 kilograms of scallops & 24.6 tonnes of aquatic plants

Shellfish Waters Designation Yes No
Reference:

Environmental Designation Yes No
Reference:

Development Plans Yes No
Reference: Cork County Development Plan 2014, Section 6.11

Pre-Consultation Meeting Yes No

Drawing Validation Sheet

OSI Maps Yes No

Comment:

BA Chart Yes No

Comment: MED BA Chart Map

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:

Drawings of structures Yes No

Comment:

**Details of Proposed
Navigation Marking** Yes No

Comment:

Site Access Indicated Yes No

Comment: Crookhaven Pier

**Site Co-Ordinates
Indicated** Yes No

Comment:

Site Overlap Yes No

Comment:

**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 within Crookhaven Harbour, Co. Cork. Crookhaven is a large sheltered picturesque harbour and a popular location for sailing. The proposed site is visible from the Schull to Crookhaven roadway (R591). This stretch of roadway is designated as a scenic route (S102) in the Cork County Development Plan 2014. The site is also adjacent to the high value scenic landscape.

Proposed Site Layout and Site Management

The application is for the subtidal cultivation of scallops using cages located on the seabed. The applicant also intends to install 16 No. seaweed longlines for cultivating aquatic plants.

Land Based Facilities / Site Access

Site access is by boat from Crookhaven Pier.

Navigation

The proposed development is located parallel to the entrance channel into Crookhaven Harbour. The existing entrance channel is already relatively narrow for sailing and leisure crafts entering the harbour. I believe the proposed development restricts safe access into Crookhaven Harbour. In my opinion, bottom culture only should be licensed within the relevant site and not the proposed floating seaweed longline structures.

The MSO should be consulted regarding providing a safe system of navigation for all marine users.

Visual Impact

The adjacent stretch of roadway is designated as scenic routes (S102) and the site is also adjacent to high value scenic landscapes (Cork County Development Plan 2014). The roadway is also a part of the Wild Atlantic Way, a coastal tourism route along the west coast of Ireland.

There is currently no existing aquaculture activity in this area. In general, views of the seaweed longline site are obscured and limited from the scenic routes. There would be no visual impacts from bottom culture.

Impact / Cumulative Impact

There are fishing and marine leisure activities in the area. The proposed licence area is adjacent to significant marine leisure activities at Crookhaven Pier. The applicant has also submitted 2 No. aquaculture applications adjacent to the relevant application, site references T05/432A & T05/432C.

Recommendation:

I believe the proposed floating structures restrict safe access into Crookhaven Harbour and conflicts with the significant sailing and marine leisure related activities within the harbour. In my opinion, bottom culture only should be licensed within the relevant site and not the proposed floating seaweed longline structures.



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

Marine Engineering Division
Report on Aquaculture Licence Application

Application Reference No: T05/432C

Report Prepared by: Gearoid O'Shea, Engineer

Date: 06 September 2019

Applicant: Crookhaven Fisherman's Association Ltd.

Location: Crookhaven Harbour, Co. Cork

Applicant Type: Aquaculture/Foreshore Licence

Sites:	T05/432C
Site Area (Ha):	14.5

Species: Scallop (*Pecten maximus*) & Aquatic Plants

Cultivation Method: Cages on the seabed & floating longlines

Intertidal/Non-Intertidal: Sub-tidal

Source of Seed / Spat: Hatchery, local spat collection & BMRS Hatchery

Annual Production Estimates: 150 kilograms of scallops & 79.2 tonnes of aquatic plants

Shellfish Waters Designation: Yes No

Reference:

Environmental Designation: Yes No

Reference:

Development Plans: Yes No

Reference: Cork County Development Plan 2014, Section 6.11

Pre-Consultation Meeting: Yes No

Drawing Validation Sheet

OSI Maps Yes No

Comment:

BA Chart Yes No

Comment: MED BA Chart Map

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:

Drawings of structures Yes No

Comment:

**Details of Proposed
Navigation Marking** Yes No

Comment:

Site Access Indicated Yes No

Comment: Crookhaven Pier

**Site Co-Ordinates
Indicated** Yes No

Comment:

Site Overlap Yes No

Comment:

**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 within Crookhaven Harbour, Co. Cork. Crookhaven is a large sheltered picturesque harbour and a popular location for sailing. The proposed site is visible from the Schull to Crookhaven roadway (R591). This stretch of roadway is designated as a scenic route (S102) in the Cork County Development Plan 2014. The site is also adjacent to the high value scenic landscape.

Proposed Site Layout and Site Management

The application is for the subtidal cultivation of scallops using cages located on the seabed. The applicant also intends to install 48 No. seaweed longlines for cultivating aquatic plants.

Land Based Facilities / Site Access

Site access is by boat from Crookhaven Pier.

Navigation

The proposed development is located parallel to the entrance channel into Crookhaven Harbour. The existing entrance channel is already relatively narrow for sailing and leisure crafts entering the harbour. I believe the proposed development restricts safe access into Crookhaven Harbour. In my opinion, bottom culture only should be licensed within the relevant site and not the proposed floating seaweed longline structures.

The MSO should be consulted regarding providing a safe system of navigation for all marine users.

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Impact / Cumulative Impact

There are fishing and marine leisure activities in the area. The proposed licence area is adjacent to significant marine leisure activities at Crookhaven Pier. The applicant has also submitted 2 No. aquaculture applications adjacent to the relevant application, site references T05/432A & T05/432B.

Recommendation:

I believe the proposed floating structures restrict safe access into Crookhaven Harbour and conflicts with the significant sailing and marine leisure related activities within the harbour. In my opinion, bottom culture only should be licensed within the relevant site and not the proposed floating seaweed longline structures.



AN t-ÚDARÁS UM
CHOSAINT
IASCAIGH MHARA

SEA-FISHERIES
PROTECTION
AUTHORITY

18th July 2019

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

**Re: Aquaculture and Foreshore Licence application T05/432B for Crookhaven
Fishermans Association**

- The issuing of an Aquaculture and Foreshore Licence in the area identified as T6/432B for the cultivation of seaweed and scallop would have no negative impact on local sea fishing operations.

Yours sincerely,

John Falvey
Senior Port Officer
Sea Fisheries Protection Authority,
Castletownbere, Co. Cork.



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CHOSAINT
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SEA-FISHERIES
PROTECTION
AUTHORITY

18th July 2019

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

**Re: Aquaculture and Foreshore Licence application TO5/432C for
Crookhaven Fishermans Association**

- The issuing of an Aquaculture and Foreshore Licence in the area identified as T5/432C for the cultivation of seaweed and scallop could potentially impact on local sea fishing for shrimp as shrimp pots are routinely set in this area.

Yours sincerely,

John Falvey
Senior Port Officer
Sea Fisheries Protection Authority,
Castletownbere, Co. Cork.

From: KILBANE Lawrence [mailto:LawrenceKILBANE@dtas.gov.ie]
Sent: 14 November 2019 16:19
To: ODonovan, Geraldine
Subject: RE: Aquaculture License applications Crookhaven Fishermans Association Ltd

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Good afternoon Geraldine,
Many thanks for your email. All noted.

Rgds

Capt. Lawrence Kilbane
Nautical Surveyor

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

Lána Líosain, Baile Átha Cliath, D02 TR60
Leeson Lane, Dublin, D02 TR60

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Lawrencekilbane@dtas.gov.ie www.dttas.gov.ie

From: ODonovan, Geraldine [mailto:Geraldine.ODonovan@agriculture.gov.ie]
Sent: 14 November 2019 16:12
To: KILBANE Lawrence
Subject: FW: Aquaculture License applications Crookhaven Fishermans Association Ltd

Ref: Aquaculture Licence applications T05/432B and 432C - Crookhaven Fishermans Association Ltd

Good afternoon Lawrence,

Thank you for your observations in relation to the four sites re. Crookhaven Fishermans Association Ltd. I have checked with the Department's Engineering Division and they have sent me the email below in relation to Sites T05/432B and C. The longlines had not been recommended by Engineering Division on these two sites and the scallop cages are not recommended now due to the subsea pipe line. Just to confirm no structures will be permitted on Sites T05/432B and C, the applicant may seed scallops directly on the seabed.

Kind Regards,

Geraldine.

Geraldine O'Donovan

Administrative Officer

Aquaculture and Foreshore Management Division

An Roinn Talmhaíochta, Bia agus Mara

Department of Agriculture, Food and the Marine

National Seafood Centre, Clonakilty, Co. Cork, P845 TX47

An Lárionad Bia Mara Náisiúnta, Cloich na Coillte, Corcaigh, P85 TX47

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www.agriculture.gov.ie

From: OShea, Gearoid

Sent: 14 November 2019 15:28

To: ODonovan, Geraldine

Cc: McDonald, Bernie

Subject: RE: Aquaculture License applications Crookhaven Fishermans Association Ltd

Geraldine,

The development as proposed has the potential to conflict with the existing subsea pipe line identified below by Capt. Lawrence Kilbane and navigation in the relevant area.

A bottom culture method for cultivating scallops without the cage structures would be acceptable. No structures should be permitted within the proposed sites T05/432B and T05/432C.

Marine Engineering Division has no objection to the licensing of sites T05/432B and T05/432C subject to the above.

Regards,

Gearóid

From: ODonovan, Geraldine

Sent: 14 November 2019 15:19

To: OShea, Gearoid

Cc: McDonald, Bernie

Subject: FW: Aquaculture License applications Crookhaven Fishermans Association Ltd

Hi Gearoid,

Appreciate your observations on Sites T05/432B and 432C re. Crookhaven Fishermans Association Ltd. The Marine Survey Office have forwarded their comments to AFMD and both sites extend over a subsea pipe line.

Many thanks,

Geraldine.

Geraldine O'Donovan

Administrative Officer

Aquaculture and Foreshore Management Division

An Roinn Talmhaíochta, Bia agus Mara

Department of Agriculture, Food and the Marine

National Seafood Centre, Clonakilty, Co. Cork, P845 TX47

An Lárionad Bia Mara Náisiúnta, Cloich na Coillte, Corcaigh, P85 TX47

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From: KILBANE Lawrence [<mailto:LawrenceKILBANE@dtas.gov.ie>]

Sent: 14 November 2019 15:07

To: OCallaghan, Grace; OShea, Nicole; Kelleher, Sheila; david.millard@bim.ie

Cc: O'CALLAGHAN Tom; Eoin Hardiman

Subject: Aquaculture License applications Crookhaven Fishermans Association Ltd

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Ref: Aquaculture License applications **T05/432B and 432C Crookhaven Fishermans Association Ltd**

Good afternoon all,

In order for this office to make a decision regarding the safety of navigation for the above application, we would request the applicant to furnish more detailed information regarding the anchor pattern for the proposed longlines as both T05/432B & 432C are proposed to extend over a subsea pipe line.

Rgds

Capt. Lawrence Kilbane
Nautical Surveyor

An Roinn Iompair, Turasóireachta agus Spóirt

Department of Transport, Tourism and Sport

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