T05/125 N2.

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

AQUACULTURE - LICENSING UNDER

FISHERIES (AMENDMENT) ACT 1997 as amended

and

FORESHORE ACT 1933 as amended

Application Form for an Aquaculture and Foreshore Licence for a single specific site.
If a Licence is required for more than one site a separate application form must be completed for each site.

Important Note

Section 4 of the Fisheries and Foreshore (Amendment) Act, 1998 (No. 54 of 1998) prohibits any person making an application for an Aquaculture Licence from commencing aquaculture operations until duly licensed under the Fisheries (Amendment) Act, 1997 (No. 23 of 1997), and provides that a breach of that prohibition will cause the application to fail.

A copy of an Environmental Impact Statement and Natura Impact Statement should be enclosed, if required, with all new, review and renewal applications. See Guidance Notes Section 3.

Aquaculture & Foreshore Management Division
Department of Agriculture, Food and the Marine
National Seafood Centre
Clonakilty, Co. Cork
P85 TX47
Telephone: (023) 8859500
Fax: (023) 8821782

App ID 35010

Revised May 2018

Existing Number: T05/125N2 AQ Licence no: 631

AQUACULTURE AND FORESHORE LICENCE APPLICATION FORM, for purposes of FISHERIES (AMENDMENT) ACT, 1997 and FORESHORE ACT, 1933

NB: The accompanying Guidance Notes should be read before completing this form.

Note: Details provided in Parts 1 and 2 will be made available for public inspection. Details provided in Parts 3 and 4 and any other information supplied will not be released except as may be required by law, including the Freedom of Information Act 1997 as amended.

USE BLOCK CAPITALS IN BLACK INK PLEASE

For Office Use

Application Ref. No. T05/125 N2

Date of Receipt (Dept. Stamp):

Department of Agriculture, Food and the Marine
13 SEP 2022
RECEIVED

Type of Applicant (tick one)	
Sole Trader	
Partnership	
Company	x
Co-Operative	
Other Please specify-	

PART 1: PRELIMINARY DETAILS

Applicant's Name(s)
1. **Bantry Harbour Mussels LTD.**
Address: [redacted] Bantry, Co. Cork [redacted]
2.
Address:
3.
Address:
4.
Address:

Contact in case of enquiries (if different from above)	
Contact Name	**Finian O'Sullivan**
Organisation Name (if applicable)	**BANTRY HARBOUR MUSSELS LTD.**
Address	[redacted] **Bantry,** **Co. Cork**

PART 1: PRELIMINARY DETAILS

TYPE OF APPLICATION – please indicate relevant type of application
This Application Form is valid for each type of application - ***See Guidance Note 3.1***

(i) Aquaculture Licence	
(ii) Trial Licence	
(iii) Foreshore Licence, if Marine Based	X
(iv) Review of Aquaculture Licence	
(v) Renewal of Aquaculture Licence	X

TYPE OF AQUACULTURE *See Guidance Note 3.2*

Indicate the relevant type of application with a tick.

(i) MARINE-BASED

Finfish			Go to Parts 2.1 and 2.1A
Shellfish	***Subtidal***	X	Go to Parts 2.2 and 2.2A
	Intertidal		Go to Parts 2.2 and 2.2A
Seaweed/Aquatic Plants/Aquatic Fish Food			Go to Parts 2.3 and 2.3A

(ii) LAND-BASED

Finfish **Shellfish** Go to Parts 2.4 and 2.4A

2.2 MARINE-BASED SHELLFISH AQUACULTURE

When filling out this section refer also to 2.2A and Guidance Note 3.3 for information on Conditions and Documents required with this application type

Proposed Site Location

(i) Bay: ***Bantry Bay***

(ii) County: ***Cork***

(iii) OS Map No:OS0804

(iv) Co-ordinates of Site: (please specify coordinate reference system used e.g. Irish Grid (IG) or Irish Transverse Mercator (ITM) or Latitude/Longitude [in which case specify whether ETRS89 or WG84 etc.]

(v)

Irish Grid Coordinates;
099279, 053461 to ING Reference point
099436, 053313 to ING Reference point
099213, 053092 to ING Reference point
099035, 053214 to the first mentioned point

(vi) Size of Site (hectares): ***7.1 Ha***

(vi) Species (common and scientific name) and whether native or non-native species: (see Guidance Notes 3.3.1)

Blue Mussel (Mytilus Edulis)

(vii) Whether production will be sub-tidal or inter-tidal?

Sub Tidal

(viii) Please supply details of (a) source of seed e.g. wild hatchery and location and (b) means of collection and introduction to culture.

Natural collection at sea from larvae stage on collection rope

NB Importation of seed into the State or movement of seed within the State requires notification to the Marine Institute as per the Fish Health Authorisation Regulations – See Guidance Notes Section 6

(ix) Method of culture (rope, trestles – intensive; bottom – extensive; other)

Conventional floating mussel longline system

(x) Proposed number of lines as per site layout drawing

6 X 220m mussel longlines. The longlines will be arranged in one block of 6 longlines in parallel orientated in an east – west direction as per drawing no.220612_MU_12_3 .

(xi) Proposed Production Tonnage:

Year 1	75 ton of ½ grown mussels	Year 2	75 ton of ½ grown mussels	Year 3	75 ton of ½ grown mussels	Year 4	75 ton of ½ grown mussels	Year 5	75 ton of ½ grown mussels

(xii) (a) Please outline the reasons for site selection:

Farm has been in existence for many years and has a proven track record.

(b) If using trestles please outline the physical characteristics of the site which make it suitable for using trestles

N/A

(xiii) Is it intended that the product is for direct human consumption or half grown? Please specify

Human Consumption

(xiv) How will the visual impact issues of the flotation devices for the proposed application be addressed?

Lines in this site are sub surface lines and are orientated in an East – West direction in parallel with each other. The floatation devices are of battleship grey color to blend in with the natural surroundings minimizing visual impact. The flotation devices on seasonally empty lines are removed except for the 2 end barrels of the lines (1 west & 1 east), thus reducing the visual impact further. During the growing season flotation devices are only added in a vertical position on the lines when needed as the mussels grow bigger adding weight to the line. This keeps visual impact of floats to a minimum throughout the growing season.

(xv) Is the site located in Designated Shellfish Waters Area? (Refer to Guidance Note 3.3.2)

Yes [X] No [ ]

If **yes** give details.

S.I. No 200/1994 Quality of Shellfish Water Regulation 1994.
S.I. No. 268 / 2006-European Communities (Quality of Shellfish Water) Regulation 2006

If **no** outline the reasons why you believe the site suitable for the proposed aquaculture. notwithstanding its location outside Designated Shellfish Waters Area?

(xvi) Has the area been classified under Food Safety Legislation? (For Bivalve Molluscs) What is the current classification of the area for the proposed species applied for?

Yes it is classified. Present classification B

(xvii) Is the site located in/adjacent to a sensitive area e.g. SPA (Special Protection Area) or SAC (Special Area of Conservation) i.e. a Natura 2000 site? (Refer to Guidance Note 3.3.1- Natura 2000 sites)

No

(xviii) Are there known sources of pollution in the vicinity e.g. sewage outfall? Yes / No

(xviii) Are there known sources of pollution in the vicinity e.g. sewage outfall? Yes / No
If yes please give full details.

No.

(xix) Methods used to harvest the shellfish and details of any subsequent processing of shellfish

Continuous hauling of full grown mussels from the grow rope with the use of sheaves, elevators and rope stripper using the Blue Harvest mv. Mussels are stripped from grow rope, washed and bagged in bulk bags or 20kg small net bag as required. At the moment we use this site for growing seed mussels. No further processing required.

(xx) Describe any proposed purification facilities to be used:

Full grown mussels from this area can be marketed to FBO's i.e. processing factories for cooking or FBO's with purification facilities if for sale on the fresh market or alternatively seed mussels can be repacked for on growing.

(xxi) What are the main predators of the species to be cultivated?

Starfish

(xxii) Describe the method(s) which will be used to control them

We control the threat of starfish by avoiding collecting them on our mussel seed collection rope. This is achieved by hanging our mussel seed collector rope at a time after starfish have already spawned and its larvae settled out.

See Part 2.2A for details of documentation to be included with this application type

2.2A DOCUMENTATION REQUIRED FOR MARINE-BASED SHELLFISH AQUACULTURE

(to be included separately with a Licence Application for a new site or for a renewal or review of an existing Licence)

1. **An appropriate Ordnance Survey Map (recommendation is a map to the Scale of 1:10,000/1:10,560, i.e. equivalent to a six inch map).** Note: The proposed access route to the site from the public road across tidal foreshore must also be shown on the map.

2. **Scale drawing of the structures to be used and the layout of the farm.**
   The proposed site drawings must illustrate all site structures above and below the water including mooring blocks. (recommended scales normally 1:100 for structures and 1:200 for layout) (See Guidance Note 3.3.2)

3. **The prescribed application fee (See Guidance Note Section 4)**

4. **If the applicant is a limited Company within the meaning of the Companies Act 1963. as amended, the Certificate of Incorporation and Memorandum and Articles of Association**

5. **If the applicant is a Co-operative, the Certificate of Incorporation and Rules of the Co-operative Society**

6. **Environmental Impact Statement (if required) in certain cases- See Guidance Notes Section 3.3.1**

7. **Alien Species dossier (where required) – See Guidance Notes Section 3.3.1**

NOW COMPLETE PARTS 2.6, 3, 4 AND 5 PLEASE

2.6 Employment, Qualifications, Experience, etc
TO BE FILLED IN BY ALL AQUACULTURE APPLICANTS

(i) Please provide details of experience/qualifications of the applicant and any key personnel which are relevant to the aquaculture now proposed:

BANTRY HARBOUR MUSSELS LTD. was incorporated in 1984 and was one of the pioneering groups of rope mussel growers here in Bantry and has contributed in a significant way to the evolution of the rope mussel industry down the decades, both nationally and here in Bantry Bay up to the present day.
I, Finian O'Sullivan, am a founder director of the company along with my fellow director James Courcey who inherited his share of the business from his uncle Barry Desmond who was an original shareholder of the company. Being a native of Whiddy Isl. James has worked on boats all his life and is the current skipper of our boat the "Blue Harvest". Between us we have over 50 years' experience in all facets of the rope mussel farming from collection of seed to management of bio-toxins, deployment of moorings and long-lines, operation of cranes/forklifts etc. and certification for the operation of the aforementioned. We have a good knowledge of engines, hydraulic oil systems and electrical systems. James and the deck hand are also certified scuba divers. On top of this I am also a trained electrician which helps at times.

(ii) If a new application please provide details of projected employment creation during first four years of the proposed aquaculture project:

(iii) In the case of a renewal please provide current and future details:

Bantry Harbour Mussels LTD. currently employ as can be seen below 4 full time employees and 2 part time. We are confident of sustaining this level of employment going forward.

FULLTIME JOBS

Year 1:	4	Year 2:	4	Year 3:	4	Year 4:	4

PART TIME JOBS

Year 1:	2	Year 2:	2	Year 3:	2	Year 4:	2

PART 5: DECLARATION AND SIGNING

NB: Refer to Guidance Note Section 3.5 and Section 4 - Guidance on Declaration and Signing and Annual Aquaculture and Foreshore Licence Fees

If this is a renewal/review have you met all licence conditions of the existing aquaculture licence? If applicable. explain why you have not complied with all conditions:

Yes. We have complied with all licence conditions.

I/We hereby declare the information provided in Parts 1. 2, 3 and 4 above to be true to the best of my/our knowledge and that I am over 18 years of age. I/We enclose an application fee* of € 95.23 with this application.

Signature(s) of Applicant(s):
(Please state capacity of persons signing on behalf of a Company/Co-op)

Finian O'Sullivan MD

Date: 12/09/2022

NB All persons named on this licence application must sign and date this application form. Only the existing licence holder(s) can apply for the renewal/review of an Aquaculture Licence.

*Preferred method of payment is by cheque or bank draft. The fee should be made payable to the Department of Agriculture, Food and the Marine.

Refer to Guidance Note Section 4 - Guidance on Aquaculture and Foreshore Licence Fees

The application form should be forwarded, with the required documents and application fee, to:

Aquaculture Licensing
Aquaculture & Foreshore Management Division
Department of Agriculture, Food and the Marine
National Seafood Centre
Clonakilty
Co. Cork
P85 TX47

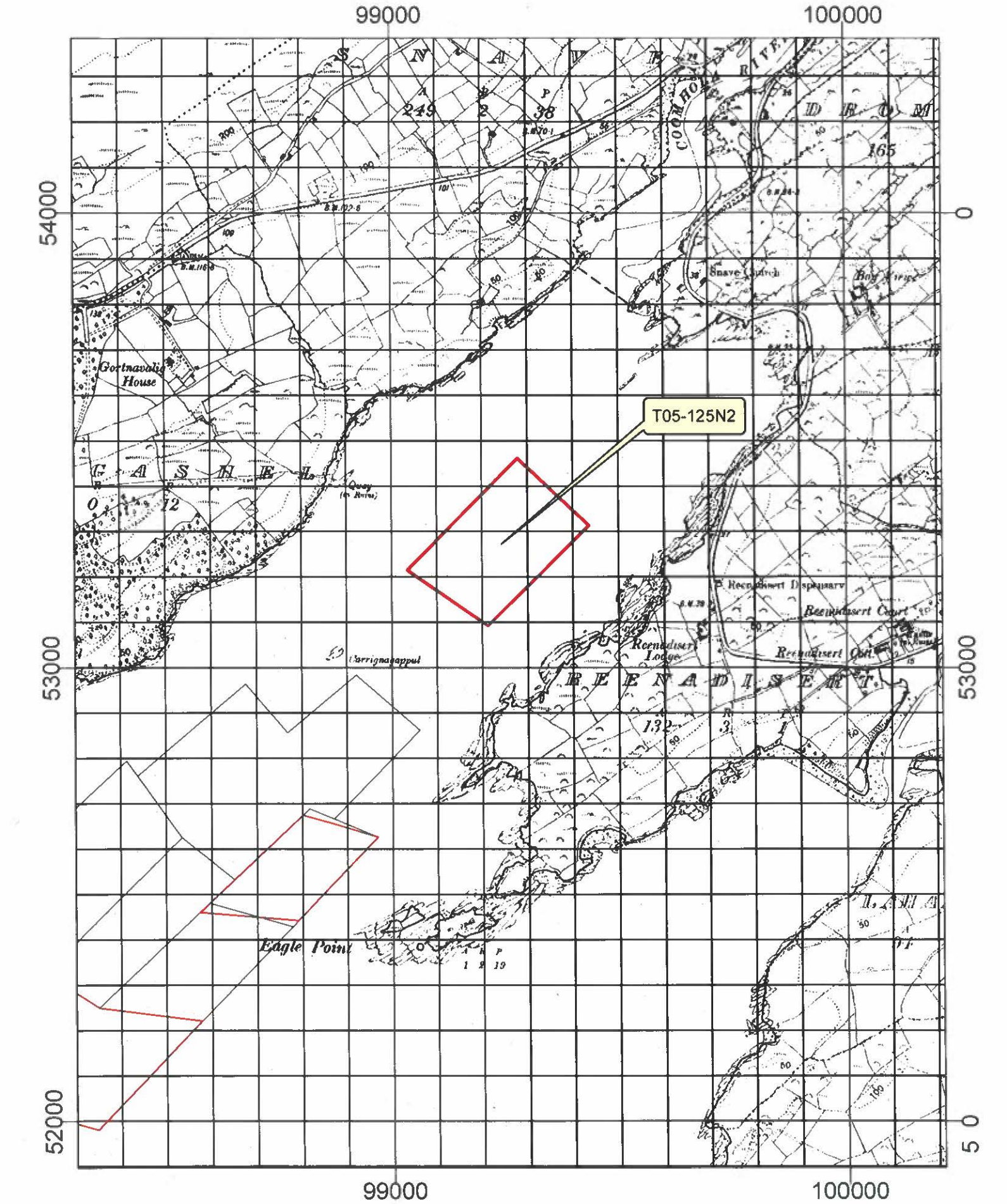
1 NO. SITE AT BANTRY BAY CO.Cork

Co-ordinates & Area

Site T05/125N2 (7.1 Ha)

The area seaward of the high water mark and enclosed by a line drawn from Irish National Grid Reference point

099279, 053461 to Irish National Grid Reference point
099436, 053313 to Irish National Grid Reference point
099213, 053092 to Irish National Grid Reference point
099035, 053214 to the first mentioned point.



1:10,560

Sites highlighted in red denotes Application

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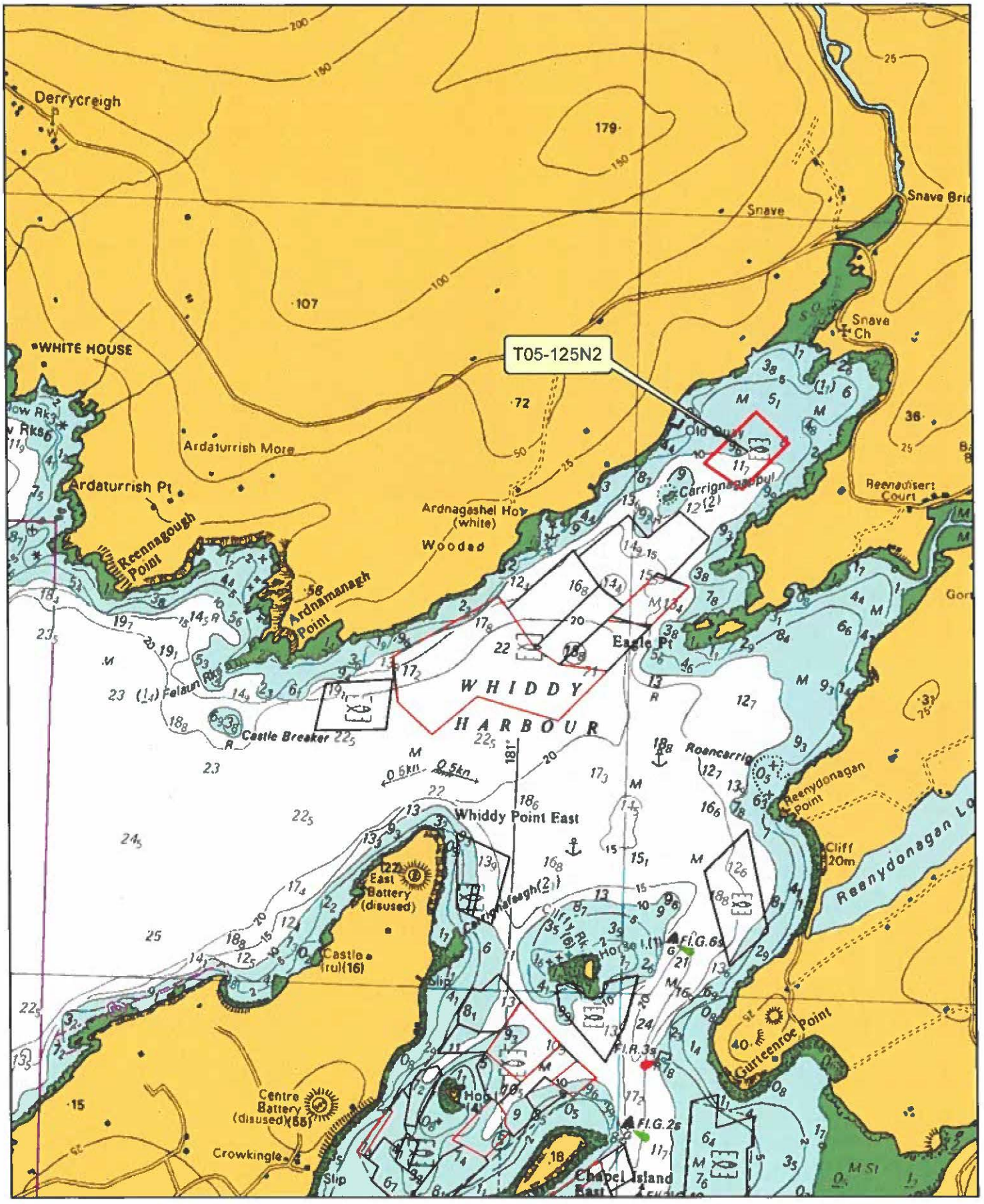
Food and the M

Ordnance Survey Ireland Licence No. ©2022/OSi_NMA_CYAL50248284
© Ordnance Survey Ireland/Government of Ireland



Site_Statu

- Received
- Application Accepted
- In Progress
- Licensed

1:24,000

Sites highlighted in red denotes Application

Part of Admiralty Chart No =1838-0

Not to be used for Navigation

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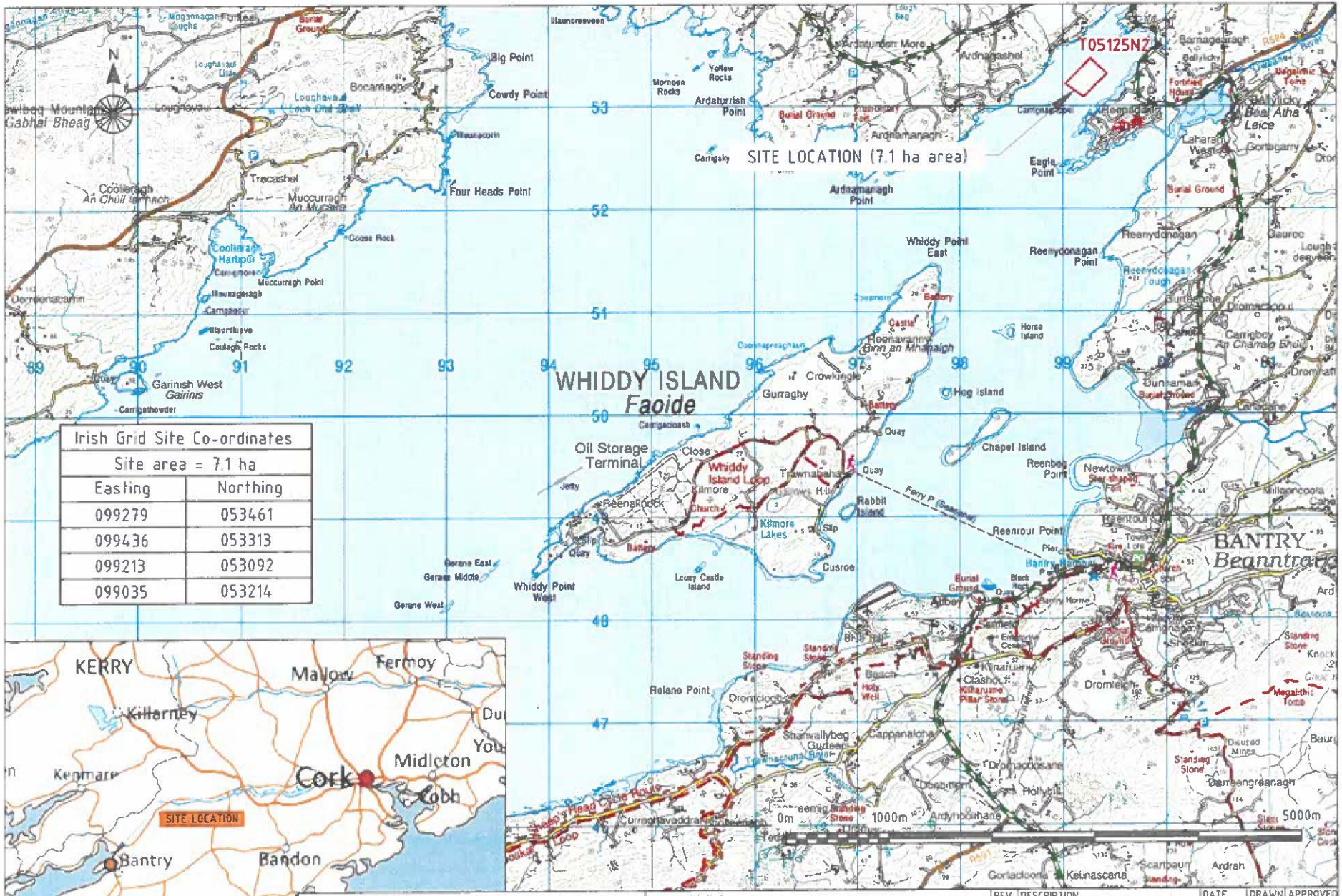
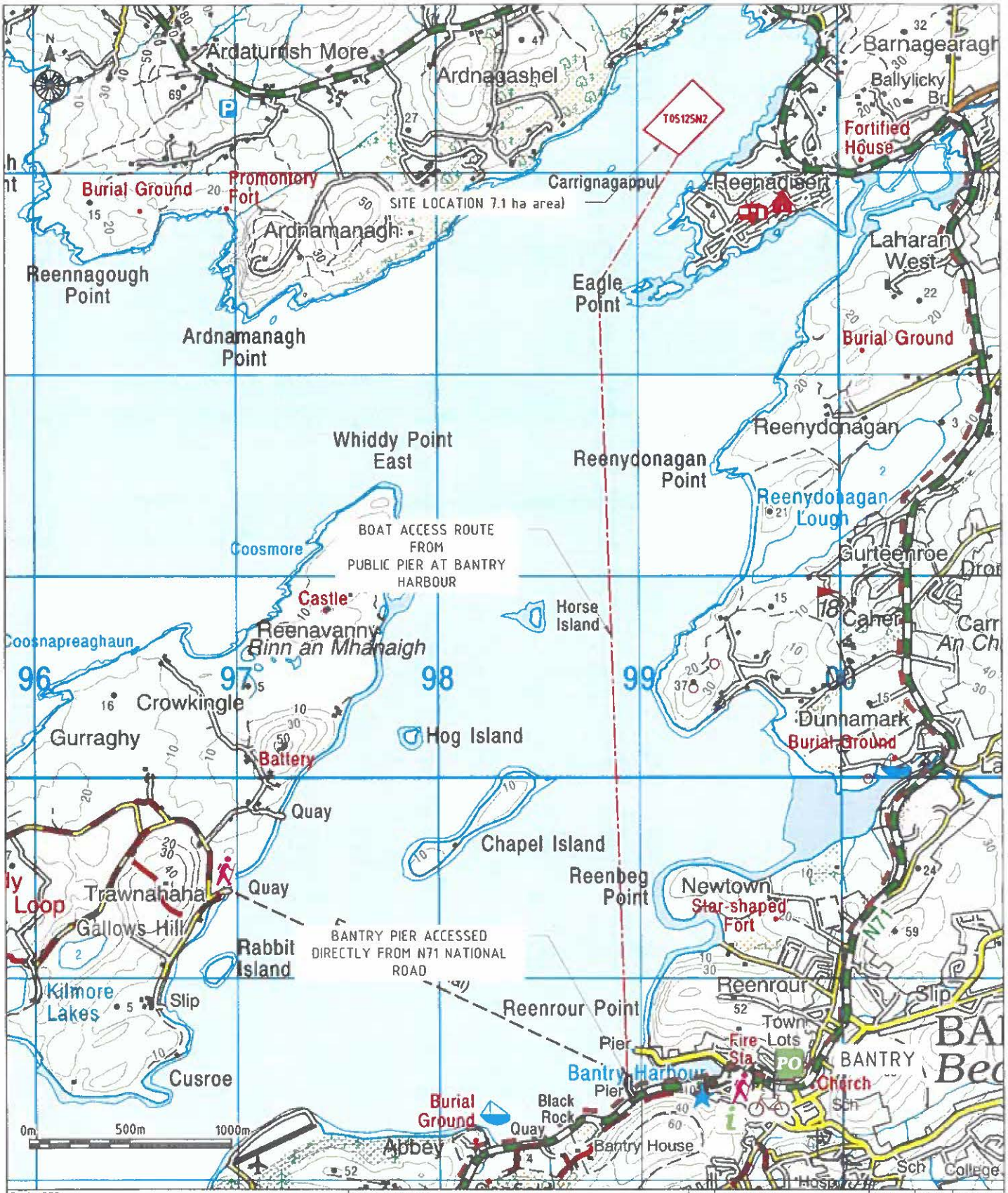
Department of Agriculture, Food and the Marine



ENGINEER	Joan Mulloy, Blackshell Ltd	DRAWING TITLE	SITE LOCATION MAP - DISCOVERY
	info@blackshell.ie | Unit 15, Westport Ind Est., Westport | 098 50879	DATE	03/08/22
FARM NAME	BANTRY HARBOUR MUSSELS LTD	SCALE	1:50,000 (A4)
REF	T05/125N2	DRAWN BY	JM
PROJECT	LICENCE RENEWAL CULTIVATION MUSSELS	APPROVER	LM
STATUS	APPROVED	PROJECT NUMBER	220612
DRAWING NUMBER	220612_MU_11_1	REV	A

REV	DESCRIPTION	DATE	DRAWN	APPROVED
A	LICENCE RENEWAL - LOCATION	03/08/22	JM	LM

NOTES
1 OS Sheet OS0804, OS1004
2 OS A4 Licence No. CYSL50283646
3 CYSL50283646 © Ordnance Survey Ireland/Government of Ireland
4 Map Scale 1:50,000

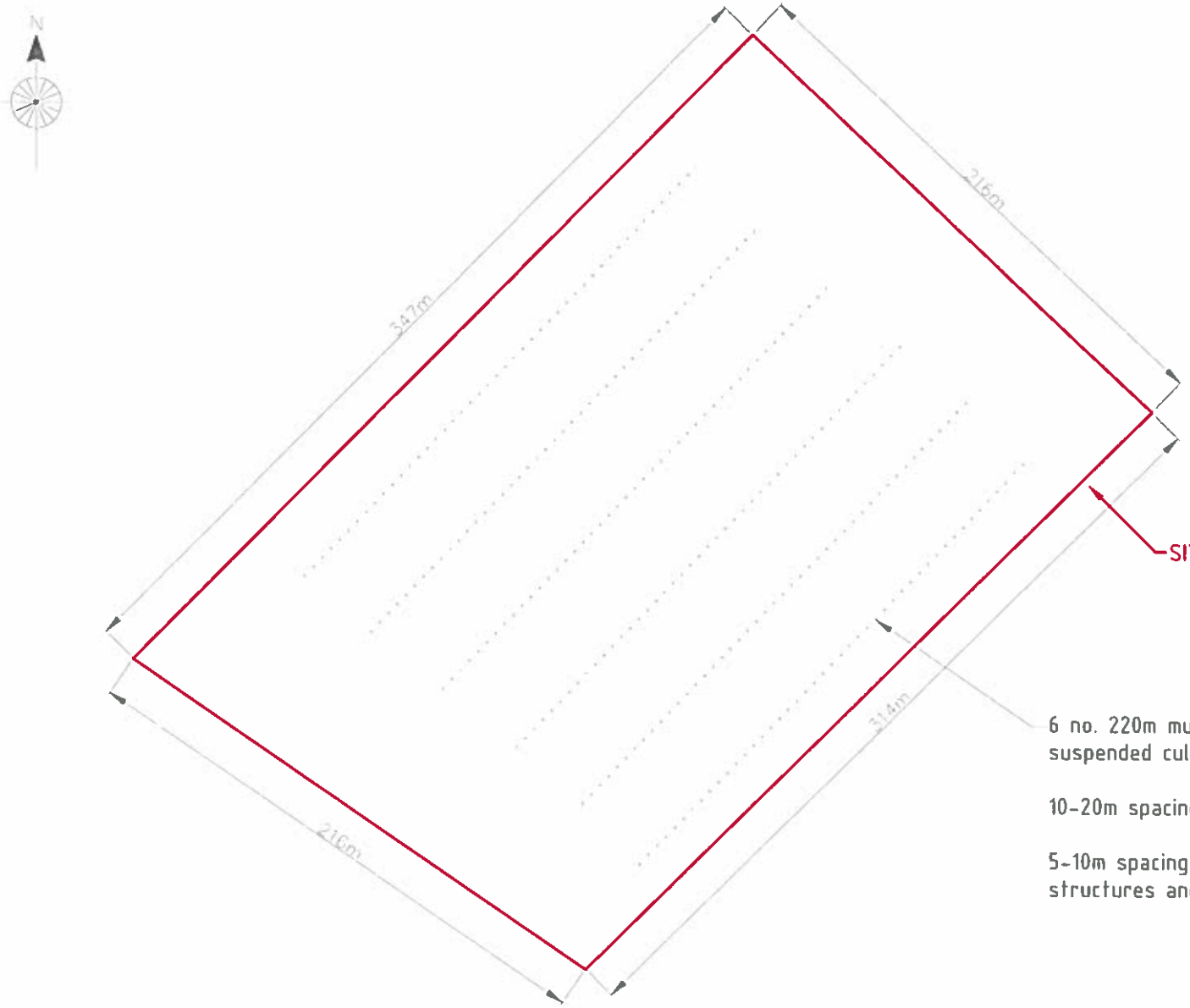


ENGINEER	Joan Mulloy, Blackshell Ltd.	DRAWING TITLE	SITE ACCESS MAP - DISCOVERY
	info@blackshell.ie | Unit 15, Westport Ind. Est., Westport | 098 50879	DATE	03/08/22
FARM NAME	BANTRY HARBOUR MUSSELS LTD.	SCALE	1:25,000 (A4)
REF	T05/125N2	DRAWN BY	JM
PROJECT	LICENCE RENEWAL CULTIVATION MUSSELS	APPROVER	LM
		STATUS	APPROVED
		PROJECT NUMBER	220612
		DRAWING NUMBER	220612_MU_11_2
		REVISION	A

REV	DESCRIPTION	DATE	DRAWN	APPROVER
A	LICENCE RENEWAL - ACCESS	03/08/22	JM	LM

NOTES
1. OS Sheet OS0804, OS1004
2. OS A4 Licence No. CYSL50283646 © Ordnance Survey Ireland/Government of Ireland.
3. Map Scale 1:50,000

13 SEP 2022



Irish Grid Site Co-ordinates	
Site area = 7.1 ha	
Easting	Northing
099279	053461
099436	053313
099213	053092
099035	053214

6 no. 220m mussel longlines for suspended culture.

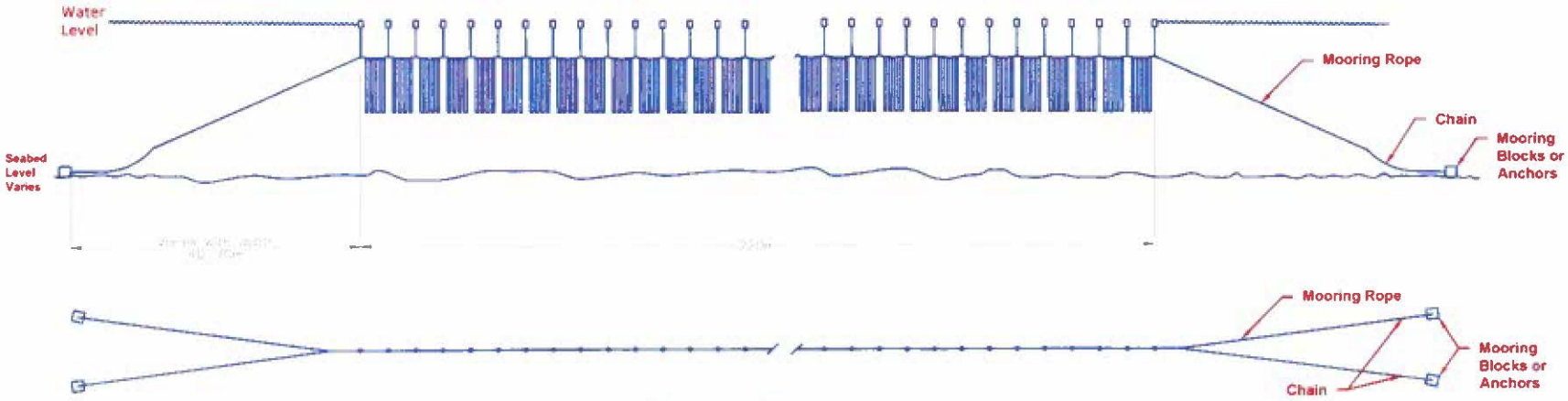
10-20m spacing between longlines.

5-10m spacing between all site structures and site boundary.

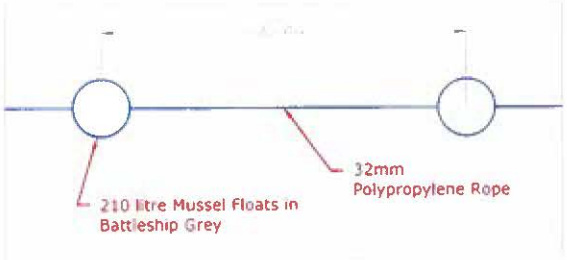
ENGINEER: Joan Mulloy, Blackshell Ltd		DRAWING TITLE: SITE LAYOUT	
info@blackshell.ie | Unit 15, Westport Ind. Est., Westport | 098 50879			
FARM NAME: BANTRY HARBOUR MUSSELS LTD.	REF: T05/125N2	DATE: 03/08/22	SCALE: 1:2,500 (A4)
PROJECT: LICENCE RENEWAL CULTIVATION MUSSELS		DRAWN BY: JM	APPROVER: LM
		STATUS: APPROVED	PROJECT NUMBER: 220612
		DRAWING NUMBER: 220612_MU_12_3	REVISION: A

REV	DESCRIPTION	DATE	DRAWN	APPROVER
A	LICENCE RENEWAL - LAYOUT	03/08/22	JM	LM

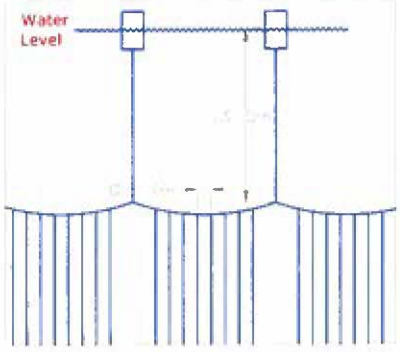
NOTES
1. Site layout
2. The number of floats per longline will vary seasonally, with the minimum required to provide flotation being deployed.



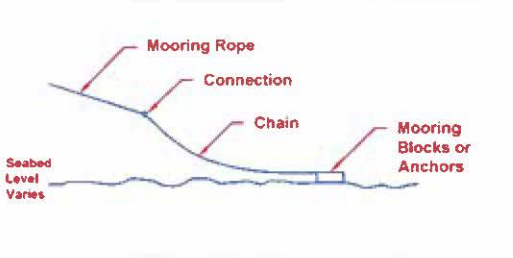
Typical Longline Section & Plan
Scale 1:1000



Typical Float and Headrope Plan Detail
Scale 1:100



Typical Float and Headrope Section Detail
Scale 1:200



Typical Mooring System Detail
Scale 1:500

Department of Agriculture, Food and the Marine
13 SEP 2022
RECEIVED

ENGINEER: Joan Mulloy, Blackshell Ltd.	DRAWING TITLE: TYPICAL MUSSEL LONGLINE DETAIL - FLOATING	REV	DESCRIPTION / DATE / DRAWN / APPROVER
info@blackshell.ie | Unit 15, Westport Ind. Est., Westport | 098 50819		A	LICENCE RENEWAL - DETAIL / 03/08/22 / JM / LM
FARM NAME: BANTRY HARBOUR MUSSELS LTD.	REF: T05/125N2	DATE: 03/08/22	SCALE: AS SHOWN (A4)
PROJECT: LICENCE RENEWAL CULTIVATION MUSSELS	DRAWING NUMBER: 220612_MU_13_4	DRAWN BY: JM	APPROVER: LM
	REVISION: A	STATUS: APPROVED	PROJECT NUMBER: 220612

NOTES
1 Dimensions as shown Do not scale