



An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreacht
Department of Housing,
Local Government and Heritage

For Office Use

Ref. No.

Application date: _____

Date of receipt. _____

Date Validated:

**APPLICATION FOR A LEASE/LICENCE/CONSENT UNDER THE FORESHORE ACT
1933 (AS AMENDED)**

- Applications for Offshore renewable energy (ORE) projects should use an ORE specific form.
- Please complete the form electronically. Type details in the boxes provided, space will expand as you type.
- The enclosures checklist should also be completed
- Tá an leagan Gaeilge den fhoirm seo ar fáil ar iarratas.

**BEFORE FILLING OUT THIS FORM PLEASE READ THE DECLARATION AND
CONSENT ON PAGE 9:**

**IT IS IMPORTANT TO NOTE THAT A CHANGE IN APPLICANT NAME WILL REQUIRE
A NEW APPLICATION.**

DATA PROTECTION

The Office of the Data Protection Commissioner states that the sending of marketing material to individuals without consent may result in action by the Data Protection Commissioner against the sender including prosecution. It is the responsibility of persons or entities wishing to use any personal data on an application form for direct marketing purposes to be satisfied that that they may do so legitimately under the requirements of the Data Protection Acts 1998 and 2003 and with regard to General Data Protection Regulation (2016/679) requirements.

Applicant Name and Address:

Full Name of Applicant (not Agent):	
Company/Organisation:	Irish Water
Address:	Colvill House, 24-26 Talbot St, Dublin 1
Eircode:	D01 NP86

Applicant Contact Details:

Phone No:	
E-mail address:	

Agent (if any) Address/Contact Details:

Person/Agent acting on behalf of the Applicant: [REDACTED]
Company: Nicholas O'Dwyer Ltd.
Address: Unit 4E, Nutgrove Office Park, Nutgrove Ave, Churchtown Upper, Dublin, Ireland
Eircode: D14 V3F6
Phone No: [REDACTED]
E-mail address: [REDACTED]

Applicant's Legal Advisor:

Name: [REDACTED]
Address: Irish Water, Colvill House, 24-26 Talbot St, Dublin 1
Eircode: D01 NP86
Phone No: [REDACTED]
E-mail address: [REDACTED]

Part 1: Proposal Details (Attach additional documents as required)

1.1	Description of proposed works/activity. <u>Background</u> Uisce Éireann wish to conduct a strategic modelling study of water currents within Cork Harbour and its environs. The study requires the deployment of up to nine (9) Acoustic Doppler Current Profilers (ADCPs) at various locations within the area to provide the data required to conduct the modelling. Ancillary instruments, to collect salinity and temperature data, may also be contained within the trawl resistant frame in which the ADCPs will be deployed. Indicative ADCP locations are presented in the table in Section 2.3 with the Licence Area shown in Drawing No 20860_FL_CH_104. While it is intended that the ADCPs will be deployed at these locations, the wider Foreshore Licence area (as shown in Drawings No 20860_FL_CH_104) has been selected to provide alternative deployment positions should the preferred locations be deemed unsuitable due to the presence of, for example, reef habitat. ADCP deployment is required for modelling purposes to inform the future design and installation of wastewater treatment which will ensure compliance with relevant national legislation and European directives.
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1.2	Describe the nature and scale of any structure to be erected on the foreshore. Is the structure proposed to be temporary or permanent? An Acoustic Doppler Current Profiler (ADCP) is a hydrostatic current meter used to measure water current velocities over a depth range using the doppler effect of sound waves scattered back from particles within the water column. In the present case ADCPs operating in the range of 600 Khz or 1 Mhz will be used. The instrument emits "pings" of sound at a sampling rate of 1-minute average every 10 minutes. Each ADCP is contained within a trawl resistant bottom mount frame ca. 1.8m x 1.3m x 0.6m with a weight of approximately 300kg. The frame is attached to a ground line, a clump weight and to an acoustic release system carrying a rope retrieval system. The frame also houses a recovery line attached to a small rigid buoy which is held in place by an acoustic release, which releases the buoy on command from a deck unit from a boat. Also housed within the frame is lead ballast to secure the frame to the seabed. Additional instrumentation to collect salinity and temperature data may also be contained within the frame. An acoustic pinger is also mounted on the frame to aid in the recovery of the frame in the vent of the acoustic release not firing. The frame is deployed with a grapple hook and floating nylon line to serve as a backup means of recovery.																		
1.3	Indicative timing of the works/activity: (i) Start date (ii) Duration (iii) Any other information relevant to timing. During operation the units will emit "pings" of sound in the range of 600 Khz or 1 Mhz at a sampling rate of 1-minute average every 10 minutes. The ADCP will be left in-situ for the sampling duration which will be ca. 35 days and will commence ca. Q3/4 2023 subject to licence and weather conditions for deployment and retrieval.																		
1.4	Primary usage for proposed development (please tick) <table border="1" data-bbox="384 1447 1410 1767"> <tr> <td>Use</td><td></td></tr> <tr> <td>Industrial</td><td></td></tr> <tr> <td>Commercial</td><td></td></tr> <tr> <td>Within Fishery Harbour Centre</td><td></td></tr> <tr> <td>Sea Fisheries</td><td></td></tr> <tr> <td>Local Authority</td><td></td></tr> <tr> <td>Community/Co Op scheme</td><td></td></tr> <tr> <td>Other(specify)</td><td></td></tr> <tr> <td>Deployment of Monitoring Device</td><td>✓</td></tr> </table>	Use		Industrial		Commercial		Within Fishery Harbour Centre		Sea Fisheries		Local Authority		Community/Co Op scheme		Other(specify)		Deployment of Monitoring Device	✓
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1.5	Do the proposed works provide for public use, commercial use, restricted use or strictly private use? Provide Details The proposed works will gather information on water currents within Cork Harbour. This data is required by Irish Water in order for them to carry out modelling for the purposes of informing future design and installation of wastewater treatment and to examine the impact that wastewater causes on water quality and designated bathing and shellfish waters in the surrounding areas.
1.6	Might the proposed works restrict public use/enjoyment of the foreshore? Provide details. No.
1.7	Has the applicant held or does the applicant hold any previous Foreshore Licences, Leases or applications over the area sought or over any other area including pending applications? (Give details including Department's file reference number(s)). No.
1.8	Status of planning permission application: Pending/granted/not required. Not Applicable. Consent Authority: Not Applicable. Reference Number: Not Applicable. (Please provide copies of consents granted) Not Applicable.
1.9	Are any other consents required for this proposal? Please detail. Not Applicable. Consent type Consent Authority: Reference Number: Status of application: (Please provide copies of consents granted) Not Applicable.

1.10	Employment Implications (if any) ADCP deployment will be in fully marine areas. No ADCPs are proposed to be deployed within the aquaculture licence areas. However, fishing vessel operators may experience minor inconvenience due to the location of the ADCPs that are on the sea bed and in close proximity to fishing areas, this will be temporary and for a short period of time. A notice to mariners will be published in advance of any ADCP deployments to alert mariners of their location.
1.11	Capital cost of proposed works (€ - Euro) No capital works proposed with the surveys directly, however the studies will support the future design of significant CAPEX investment for Irish Water infrastructure.
1.12	Do the proposed works involve the draw-down of European Union or State funding? If "Yes" give details, including any time restrictions, etc. applying No

Part 2: Proposed Site. (Attach additional documents as required)

2.1	County: Cork
2.2	Location name and nearest townland name: Cork Harbour Townland: Monkstown

2.3

Geographic co-ordinates of the area under application in degrees minutes and seconds WGS84 for offshore developments and where the area can also be identified on the Ordnance Survey map and/or is connected to the seashore/mainland, specify Ordnance Survey map no and Irish Transverse Mercator coordinates

ADCP Location Coordinates					
Area	No.	WGS 84		ITM	
		N	W	Easting	Northing
A	1	51° 47' 6.0114"	8° 16' 41.982"	580797	559227
	2	51° 47' 23.9874"	8° 14' 54.0191"	582868	559775
	3	51° 48' 53.9932"	8° 16' 18.0025"	581269	562562
B	4	51° 50' 31.3973"	8° 15' 21.9035"	582354	565568
	7	51° 51' 5.9903"	8° 16' 5.9945"	581514	566640
	8	51° 52' 41.9997"	8° 12' 5.996"	586115	569592
C	5	51° 50' 42.013"	8° 19' 42.0014"	577377	565916
	6	51° 50' 57.0117"	8° 19' 48.015"	577264	566380
	9	51° 52' 41.9883"	8° 20' 11.9986"	576820	569626

Ordnance Survey Map Numbers

Area A	Area B	Area C
6430-A	6432-A	6512
6430-02	6432-B	6512-C
6430-06	6432-C	6512-D
6430-07	6474-A	6550
6430-12	6474-C	6550-A
6430-C	6473	6550-B
6430-17	6473-D	6550-C
6430-22	6473-01	
6472-A		
6472-02		
6472-07		

2.4

Please indicate the size of the Foreshore area (Ha²) or (M2) or (KM2)

Area	KM ²
A	5.64
B	8.11
C	1.16

2.5	If offshore please indicate distance from shore (Km): Max 1.2km Min 0.080km <table border="1" data-bbox="708 405 1059 808"> <thead> <tr> <th>ADCP</th><th>Distance (km)</th></tr> </thead> <tbody> <tr><td>1.</td><td>0.427</td></tr> <tr><td>2.</td><td>0.341</td></tr> <tr><td>3.</td><td>0.522</td></tr> <tr><td>4.</td><td>1.2</td></tr> <tr><td>5.</td><td>0.295</td></tr> <tr><td>6.</td><td>0.097</td></tr> <tr><td>7.</td><td>0.255</td></tr> <tr><td>8.</td><td>0.080</td></tr> <tr><td>9.</td><td>0.341</td></tr> </tbody> </table>	ADCP	Distance (km)	1.	0.427	2.	0.341	3.	0.522	4.	1.2	5.	0.295	6.	0.097	7.	0.255	8.	0.080	9.	0.341
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9.	0.341																				
2.6	Is any of the foreshore in the proposed site in private ownership? If yes please provide documentary evidence of same (e.g. folio) No.																				
2.7	Any other site details considered relevant: All other relevant site details are included in the supporting Appendices.																				

Part 3. Maps and Drawings, Please refer to Guidance on map and drawing requirements.

3.1	Site location map attached? Please include reference no(s). Yes. Site Layout Maps and indicative ADCP locations are presented Appendix A – Site Layout & Indicative Location Maps and are numbered as follows: • 20860_FL_CH_106 Site Layout Map A • 20860_FL_CH_108 Site Layout Map B • 20860_FL_CH_110 Site Layout Map C
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3.2	Foreshore Lease/Licence map attached? Please include reference no(s). Yes. Foreshore Licence Maps are provided in Appendix B – Foreshore Licence Maps and are numbered as follows: • 20860_FL_CH_104 Overall Proposed MUL Map • 20860_FL_CH_105 Proposed MUL Map A • 20860_FL_CH_107 Proposed MUL Map B • 20860_FL_CH_109 Proposed MUL Map C •
3.3	Drawings of structures to be used and or layout (if required) attached? Please detail and include reference no(s). Yes. A drawing of the ADCP Frame is provided in Appendix C – Drawing No. 20860-FL-109 Plan & Elevation of ADCP Frame
3.4	Admiralty Chart attached? Yes. See Appendix D – Drawing No. 20860-FL-110 Admiralty Chart.
3.5	Other maps/drawings attached ?– please detail and include reference numbers Not Applicable

Part 4: Pre- application consultations

4.1	Describe briefly any consultations undertaken with the following bodies: • National Parks & Wildlife Service (NPWS) • National Monuments Service (NMS) • Inland Fisheries Ireland • Sea Fisheries Protection Authority • Marine Institute • Marine Survey Office Please also provide copies of correspondence. The SFPA and Marine Institute have been consulted by the project team during the survey scoping process to inform the bodies of the study and to seek supporting marine data.
4.2	Describe briefly any consultations undertaken with other relevant authorities (e.g. Local Authority, Port/Harbour authority etc) or State Agencies. A number of consultation meetings were held between Irish Water and the Port of Cork to establish suitability of indicative ADCP locations.
4.3	Describe any consultations undertaken to date with other foreshore users. No consultations have taken place with any other foreshore users.
4.4	Describe any likely interactions with activities of the public or other foreshore users during the construction and operational phases of the works/activities (e.g. fishing, aquaculture, sailing, and surfing swimming, walking). Describe any measures proposed to minimise inconvenience to other users. Fishing: No ADCPs are proposed to be deployed within the aquaculture licence areas. However, fishing vessel operators may experience minor inconvenience due to the location of the ADCPs that are on the seabed and in close proximity to fishing areas, this will be temporary and for a short period of time. A notice to mariners will be published in advance of any ADCP deployments to alert mariners of their location. Aquaculture: Aquaculture (oysters) takes place in an area of Great Island Channel and a large section of the south eastern corner of Cork Harbour (mussels). No ADCPs are proposed to be deployed within the aquaculture licence areas. See Figure 2 in Appendix F - Non-Statutory Environmental Report.

4.5	Have adjacent land owners, whose properties may be affected by these works been consulted? Please provide details/permissions as appropriate. Not Applicable
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Part 5: Environmental Considerations

(Your consultations with National Parks and Wildlife Service and National Monuments Service may inform your answers. Attach additional reports as required and mark under the R column)

EPA AA GeoTool (Appropriate Assessment Data):

<http://www.epa.ie/terminalfour/AppropAssess/index.jsp>

NPWS Appropriate Assessment Guidance:

<https://www.npws.ie/protected-sites/guidance-appropriate-assessment-planning-authorities>

NPWS Protected Sites Map Viewer:

<http://dahg.maps.arcgis.com/apps/webappviewer/index.html?id=8f7060450de3485fa1c1085536d477ba>

	Environmental legislative requirements	Yes	No	R
5.1	Is an Environmental Impact Statement required for this proposal?		✓	
5.2	Is a Natura Impact Statement required for this proposal? No. Refer to Appendix E - Report to Inform Screening for Appropriate Assessment.		✓	✓

5.3	Is the area within or adjacent to a NHA, pNHA, SAC, SPA, or National Park? Specify site names and code(s). • Dunkettle Shore pNHA (Site code: 001082) • Great Island Channel pNHA (Site code: 001058) • Douglas River Estuary(Site code: 001046) • Cuskinny Marsh pNHA (Site code: 001987) • Monkstown Creek pNHA (Site code: 001979) • Rostellan Lough, Aghada Shore And Poul nabibe Inlet pNHA (Site code: 001076) • Whitegate Bay pNHA (Site code: 001084) • Lough Beg (Cork) pNHA (Site code: 001066) • Owenboy River pNHA (Site code: 001990) • Fountainstwon Swamp pNHA (Site code: 000371) • Great Island Channel SAC (Site code: 001058) • Cork Harbour SPA (Site code: 004030) • Cork Harbour Ramsar site (Site code: 837) Refer to Appendix E - Report to Inform Screening for Appropriate Assessment.	✓		✓
5.4	Describe any other projects or plans for the area, anticipated or developed, that in combination with this proposal, may have a significant effect on a Natura 2000 site: Please list with planning reference numbers (where available). Cork Harbour and environs is an extremely busy water body. Shipping and recreational leisure craft are a constant feature within the site and the immediately adjacent hinterland is heavily utilised by industry. It would serve no purpose to list the multiple activities, projects and plans currently operational or planned for the area. However, a search of Cork County Council and Cork City Council online planning portal and the Foreshore unit applications website did not indicate any source-path linkages between the project site and any additional projects in the area of Cork Harbour and its environs that could lead to a potential for cumulative impacts. Refer to Appendix E – Report to Inform Screening for Appropriate Assessment and Appendix F - Non-Statutory Environmental Report			✓

	Environmental Considerations	Yes	No	R
5.5	Will the proposal have any potential environmental impacts? If yes, please describe No. Refer to Appendix E – Report to Inform Appropriate Assessment, Appendix F - Non-Statutory Environmental Report and Appendix G – Annex IV Species Risk Assessment for details.		✓	✓
5.6	Are you proposing any measures to mitigate the potential environmental impacts? If yes, please describe		✓	
5.7	Are there public health/safety implications arising from the proposed works? (e.g. effluent disposal, removal of derelict or dangerous structures etc.) If yes, please describe		✓	
5.8	Will the works involve the storage and/or disposal of waste? If “Yes” please give details of the type of waste and the proposed method of storage and/or disposal (including location)		✓	
5.9	Any other Environmental Considerations? If yes, please specify.		✓	

	Built Heritage Considerations	Yes	No	R
5.10	Does the area contain an archaeological site or feature? If yes, please specify. A review of the National Monuments Service Historic Environment viewer and Wreck viewer has been carried out. No features of archaeological interest in the subtidal area at the location of the proposed ADCP deployments have been identified other than Spitbank lighthouse. Spitbank lighthouse, a freestanding cast-iron lighthouse, built 1853, and set on cast-iron supports is located approximately 800m southwest of ADCP number 7. However, this feature remains a working light and no potential for impact is possible. Refer to Appendix F - Non-Statutory Environmental Report for details.	✓		✓
5.11	Does the area contain or adjoin a listed archaeological site or monument? If yes, please specify. Spitbank lighthouse, a freestanding cast-iron lighthouse, built 1853, and set on cast-iron supports is located approximately 800m southwest of ADCP number 7. However, this feature remains a working light and no potential for impact is possible. Refer to Appendix F - Non-Statutory Environmental Report for details.	✓		✓
5.12	Will the proposal have any potential impacts on the archaeological integrity of the site? If yes please describe No, the proposals will have no potential impacts on the archaeological integrity of the site. Refer to Appendix F - Non-Statutory Environmental Report for details.		✓	✓
5.13	Are you proposing any measures to mitigate potential archaeological impacts? If yes, please describe?		✓	

Part 6: Navigational Safety Considerations. (Your consultations with relevant stakeholders may inform your answers. Attach additional documents as required and mark under the R column)

	Navigational Safety Considerations.	Yes	No	R
6.1	Are there public navigational safety implications arising from the proposed works?		✓	
6.2	What marine activity is there in the area? Cork Harbour and environs is an extremely busy water body. Shipping and recreational leisure craft are a constant feature within the site and the immediately adjacent hinterland is heavily utilised by industry.			
6.3	How will the marine activity be affected by the proposed works? Minor inconvenience may be encountered by fishing vessel operators due to location of the ADCPs that are on the seabed and in close proximity to fishing areas, but this will be temporary and for a short time period. A notice to mariners will be published in advance of any ADCP deployments to alert mariners of their location.			
6.4	What mitigating measures will be put in place? No mitigation measures are proposed.		✓	
6.5	How will the proposed works affect Marine Navigation in the future? The proposed works will not have any affect on Marine Navigation in the future.		✓	

Part 7: Fishing/Aquaculture considerations

(Your consultations with IFI, SFPA, DAFM may inform your answers.
Attach additional documents as required and mark under the R column)

	Fishing/Aquaculture considerations	Yes	No	R
7.1	Is the proposal located in proximity to any of the following: • aquaculture operation • designated Shellfish Growing Waters • fish spawning ground • other sensitive fisheries location Please Illustrate on appropriate chart including distance in Km. Yes. See Figure 1 aquaculture sites in Appendix F – Non-Statutory Environmental Report	✓		✓
7.2	Are there other potential impacts of the proposal on fishing/aquaculture in the area? If yes, please describe. Minor inconvenience may be encountered by fishing vessel operators due to location of the ADCP on the seabed within close proximity to fishing areas, but this will be temporary and for a short time period. A notice to mariners will be published in advance of any ADCP deployments to alert mariners of their location.		✓	
7.3	Are there any measures proposed to mitigate potential impacts on fisheries or aquaculture? If yes, please describe. Consultation with aquaculture operators and fishermen will take place in advance of any dredging/dumping works.		✓	

Part 8 – Additional information

8.1	Please detail any additional relevant information. A statement of consistency with the National Marine Planning Framework has been provided in Appendix H – Statement of Consistency.
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Declaration and Consent:

The details provided here are correct to the best of my knowledge.

I understand that no works will be commenced, by me or my agents on the proposed site, without the prior written consent of the Minister.

By submitting this application form, I agree that the details provided (with personal contact details redacted) are to be published on the Department of Housing, Local Government and Heritage website and also that the full information provided including contact details are to be processed and retained by the Department of Housing, Local Government and Heritage and shared with all appropriate Prescribed Bodies (as part of the Prescribed Bodies Consultation process) in furtherance of consideration for a foreshore Consent under the Foreshore Act 1933 (and Foreshore Amendment Act 2011).

I give consent to the Minister and his servants to copy this application and to make (a redacted) copy available for inspection and copying by the public. This consent relates to this application, to any further information, or submission provided by me or on my behalf and to the publication of the licence document.

Signature of Applicant (or his or her Agent):**Name of above Signatory (block letters):****Position Held:**

Environmental Consultant

Date:

30/09/2022 (Revised 01/10/2025)

Return completed applications to:

Foreshore Section
Department of Housing, Local Government and Heritage
Newtown Road
Wexford
Y35 AP90

Enquiries to: Foreshore@housing.gov.ie

Email a copy of application documents: Foreshore@housing.gov.ie

Enclosures Checklist

One hard copy of every document is required unless otherwise stated. Electronic versions of documentation must also be provided in searchable PDF format (no single file to be greater than 30mb) so that the Department can make them available on its website.

Item No.	Description	No. of copies Required	
1	Application Form. With original signature	4	
2	Mapping (see guidelines document) (i) Site Location map (ii) Foreshore Lease/licence map	4 4	
3	British Admiralty Chart (largest available scale)	1	
4	Drawings of the structures to be used and/or layout	4	
5	Pre-application correspondence with stakeholders.	1	
6	Other statutory permissions: (i) Planning permission (ii) Effluent Discharge Licence (iii) Other consent (Please specify)	1 1 1	
7	Company documentation (1): Certified copy of the Company's Memorandum and Articles of Association	1	
8	Company documentation (2) Certificate of Incorporation of a Limited Liability, or Company/Rule Book/Constitution for a Club or Co-Operative Society as appropriate	1	
9	Environmental Impact Statement (EIS). (i) Hard copy (ii) CDs	5 25	
10	Natura Impact Statement (NIS) (i) Hard copy (ii) CDs	5 4	
11	Property-related owner permissions/wayleaves (i) Folio – (or other evidence of private ownership) (ii) Wayleave/consent from other property owners (iii) Other (Please specify)	2 1 1	
12	Other – Please specify	1	