



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.

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

**Applicant Address/Contact Details:**

|   |
|---|
| <b>Full Name of Applicant (not Agent):</b> Irish Water              |
| <b>Company/Organisation:</b> Irish Water                            |
| <b>Address:</b> Colvill House, 24-26 Talbot Street, Dublin, Ireland |
| <b>Eircode:</b> D01 NP86  |
| <b>Phone No:</b> 018925000  |
| <b>E-mail address:</b> markmurray@water.ie                          |

**Agent (if any) Address/Contact Details:**

|  |
|--|
| <b>Person/Agent acting on behalf of the Applicant:</b> Marie Fleming |
| <b>Company:</b> Arup   |
| <b>Address:</b> 50 Ringsend Road, Dublin 4                           |
| <b>Eircode:</b> D04 T6X0   |
| <b>Phone No:</b> 01 233 4455   |
| <b>E-mail address:</b> marie.fleming@arup.com                        |

**Applicant's Legal Advisor:**

|                            |
|----------------------------|
| <b>Name:</b> N/A           |
| <b>Address:</b> N/A        |
| <b>Eircode:</b> N/A        |
| <b>Phone No:</b> N/A       |
| <b>E-mail address:</b> N/A |

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

|            |   |
|------------|---|
| <b>1.1</b> | <p><b>Description of proposed works/activity.</b></p> <p>This application is for marine site investigation works associated with the construction of a proposed waste water treatment plant in Whitegate - Aghada. This treatment plant will include the construction of a sea outfall, approximately 500 metres long.</p> <p><b>Ground Investigation</b></p> <p>It is intended to undertake geotechnical marine based site investigation, in the form of:</p> <ul style="list-style-type: none"><li>o The installation of No. 6 boreholes using cable percussion and rotary core drilling, the location of which can be found in drawing number IW-10015229-03-04-001.</li><li>o A geophysical survey using seismic reflection and refraction. The area to be surveyed is shown in drawing number IW-10015229-03-04-001.</li><li>o No. 5 Benthic grab samples. Grab samples obtain a sample for sediment analysis.</li></ul> <p>The results of these works will provide a greater understanding of the benthic (sea floor, the sediment surface and sub-surface layers) and bedrock character along the proposed outfall route from the proposed Wastewater treatment plant.</p> <p>Further details regarding these survey techniques can be found in the Supporting Information Report.</p> |
| <b>1.2</b> | <p><b>Describe the nature and scale of any structure to be erected on the foreshore. Is the structure proposed to be temporary or permanent?</b></p> <p>No structures are to be erected during these works.</p>   |

|                               |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
|-------------------------------|---|-----|--|------------|--|------------|--|-------------------------------|--|---------------|--|-----------------|--|------------------------|--|----------------|---|
| 1.3                           | <p><b>Indicative timing of the works/activity: (i) Start date (ii) Duration (iii) Any other information relevant to timing.</b></p> <p>Works are anticipated to start sometime between June and August 2018, depending on when consent is received. The duration of the works is expected to be approximately four to six weeks.</p>  |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| 1.4                           | <p><b>Primary usage for proposed development (please tick)</b></p> <table border="1" data-bbox="384 551 1235 842"> <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>X</td></tr> </table> <p>This licence is sought for investigative works only, to ascertain the profile and geotechnical properties of the foreshore and sea bed.</p> | Use |  | Industrial |  | Commercial |  | Within Fishery Harbour Centre |  | Sea Fisheries |  | Local Authority |  | Community/Co Op scheme |  | Other(specify) | X |
| Use                           |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Industrial                    |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Commercial                    |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Within Fishery Harbour Centre |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Sea Fisheries                 |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Local Authority               |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Community/Co Op scheme        |   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| Other(specify)                | X   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| 1.5                           | <p><b>Do the proposed works provide for public use, commercial use, restricted use or strictly private use? Provide Details</b></p> <p>The proposed works are necessary to facilitate the design of a new wastewater treatment system for the Whitegate/Aghada area. On completion of the works, its results will be used by Irish Water and its appointed consultants.</p>   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| 1.6                           | <p><b>Might the proposed works restrict public use/enjoyment of the foreshore? Provide details.</b></p> <p>The foreshore will have to be closed to the public for health and safety reasons during the short period of time whilst the investigation works are being carried out along the foreshore (2 no. Boreholes). It is envisaged that this length of time would be a maximum of 7 days.</p>  |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| 1.7                           | <p><b>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)).</b></p> <p>This is the first Foreshore Licence application for works associated with the Whitegate - Aghada WwTP. As part of the greater UTAS project, foreshore licences are also being requested for Castletownbere, Ballycotton and Castletownshend (F006834).</p>   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |
| 1.8                           | <p><b>Status of planning permission application: Pending/granted/not required.</b></p> <p>Not required for SI works</p>   |     |  |            |  |            |  |                               |  |               |  |                 |  |                        |  |                |   |

|             |  |
|-------------|--|
| <b>1.9</b>  | <p><b>Are any other consents required for this proposal? Please detail.</b></p> <p>None</p> <p><b>Consent type</b><br/> <b>Consent Authority:</b><br/> <b>Reference Number:</b><br/> <b>Status of application:</b></p> |
| <b>1.10</b> | <p><b>Employment Implications</b></p> <p>None</p>  |
| <b>1.11</b> | <p><b>Capital cost of proposed works (€ - Euro)</b> 679800 approx.</p>   |
| <b>1.12</b> | <p><b>Do the proposed works involve the drawdown of European Union or State funding?</b></p> <p>No</p> <p><b>If "Yes" give details, including any time restrictions, etc. applying</b></p>                             |

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

|            |  |
|------------|--|
| <b>2.1</b> | <b>County:</b> Cork  |
| <b>2.2</b> | <b>Location name and nearest townland name:</b> White Bay, Whitegate   |
| <b>2.3</b> | <p><b>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 National Grid co-ordinates</b><br/> <b>Latitude:</b> 51 deg. 48 min. 25.576611<br/> <b>Longitude:</b> -8 deg. 15 min. 13.526466</p> <p><b>OS Map No.</b> 6512-D &amp; 6512-C</p> <p><b>ITM: 581698.7 561838.9</b></p> |
| <b>2.4</b> | <b>Please indicate the size of the Foreshore area:</b> 136.47 Ha approx.   |
| <b>2.5</b> | <b>If offshore please indicate distance from shore (Km):</b> From shoreline to 1.4km out   |
| <b>2.6</b> | <b>Is any of the foreshore in the proposed site in private ownership? If yes please provide documentary evidence of same (e.g. folio)</b> Not recorded within Land registry as private ownership.  |
| <b>2.7</b> | <b>Any other site details considered relevant:</b> No  |

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

|            |  |
|------------|--|
| <b>3.1</b> | <p><b>Site location map attached? Please include reference no(s).</b></p> <p>IW-10015229-03-04-001</p>           |
| <b>3.2</b> | <p><b>Foreshore Lease/Licence map attached? Please include reference no(s).</b></p> <p>IW-10015229-03-04-001</p> |

|            |   |
|------------|---|
| <b>3.3</b> | <p><b>Drawings of structures to be used and or layout (if required) attached? Please detail and include reference no(s).</b></p> <p>Refer to Supporting Information report and Schedule for details of various SI testing equipment required to carry out the works</p> |
| <b>3.4</b> | <p><b>Admiralty Chart attached?</b></p> <p>Yes</p>  |
| <b>3.5</b> | <p><b>Other maps/drawings attached? – please detail and include reference numbers</b></p> <p>No</p>   |

**Part 4: Pre- application consultations**

|            |  |
|------------|--|
| <b>4.1</b> | <p><b>Describe briefly any consultations undertaken with the following bodies:</b></p> <ul style="list-style-type: none"> <li>• <b>National Parks &amp; Wildlife Service (NPWS) of the Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs</b></li> <li>• <b>National Monuments Service (NMS) of the Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs</b></li> <li>• <b>Inland Fisheries Ireland</b></li> <li>• <b>Sea Fisheries Protection Authority</b></li> <li>• <b>Marine Institute</b></li> <li>• <b>Marine Survey Office</b></li> </ul> <p><b>Please also provide copies of correspondence.</b></p> <p>Due to the temporary and investigative nature of these works no consultation with the above statutory bodies was deemed to be required for the Site Investigation works.</p> <p>For the entire sewerage scheme, all of the above will be consulted in due course.</p> |
| <b>4.2</b> | <p><b>Describe briefly any consultations undertaken with other relevant authorities (e.g. Local Authority, Port/Harbour authority etc) or State Agencies.</b></p> <p>These investigative works are planned in consultation with Cork County Council Water Services Capital Projects Office. A pre-planning meeting for the entire scheme was held with Cork County Council.</p>  |
| <b>4.3</b> | <p><b>Describe any consultations undertaken to date with other foreshore users.</b></p> <p>None to date.</p>   |

|     |   |
|-----|---|
| 4.4 | <p><b>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.</b></p> <p>Fishing, sailing, surfing, swimming and walking activities by the general public in the area of the foreshore will be restricted for a short period whilst the two boreholes are being drilled on the foreshore. This is for the public's safety. It should be noted that White Bay, where the investigation works are to be carried out, is a popular bathing spot and bathing activities will be curtailed for a short period during the works.</p> |
| 4.5 | <p><b>Have adjacent land owners, whose properties may be affected by these works been consulted? Please provide details/permissions as appropriate.</b></p> <p>Land owner liaison is being carried out by Cork County Council's Water Services Capital Projects office and Irish Water.</p>   |

**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)**

[www.epa.ie/downloads/advice/ea/guidelines/](http://www.epa.ie/downloads/advice/ea/guidelines/)

<http://www.housing.gov.ie/planning/environmental-assessment/environmental-impact-assessment-eia/environmental-assessment>

<http://www.npws.ie/protectedsites/appropriateassessment/>

<http://webgis.npws.ie/npwsviewer/>

|     | <b>Environmental legislative requirements</b>  | <b>Yes</b> | <b>No</b> | <b>R</b> |
|-----|--|------------|-----------|----------|
| 5.1 | <b>Is an Environmental Impact Statement required for this proposal?</b>  |            | √         |          |
| 5.2 | <p><b>Is a Natura Impact Statement required for this proposal?</b></p> <p>An NIS is required for the complete project but not for the Site Investigation works</p> |            | √         |          |

|     |  |  |   |  |
|-----|--|--|---|--|
| 5.3 | <p><b>Is the area within or adjacent to a NHA, pNHA, SAC, SPA, or National Park? Specify site names and code(s).</b></p> <p>Cork Harbour SPA (004030) – This SPA is to the north of the proposed works</p>   |  | ✓ |  |
| 5.4 | <p><b>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).</b></p> |  | ✓ |  |

|     | <b>Environmental Considerations</b>   | <b>Yes</b> | <b>No</b> | <b>R</b> |
|-----|---|------------|-----------|----------|
| 5.5 | <p><b>Will the proposal have any potential environmental impacts? If yes, please describe</b></p> <p>Potential noise and vibration impacts from, borehole coring and drilling. See attached report on AA Screening.</p>   | ✓          |           |          |
| 5.6 | <p><b>Are you proposing any measures to mitigate the potential environmental impacts? If yes, please describe</b></p> <p>A Marine Mammal Observer (MMO) is required as part of standard methodologies under <i>Guidance to Manage the Risk to Marine Mammals from Man-made Sound Sources in Irish Waters</i> (NPWS 2014). See attached report on AA screening.</p>  | ✓          |           |          |
| 5.7 | <p><b>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</b></p>   |            | ✓         |          |
| 5.8 | <p><b>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)</b></p> <p>The works may require the disposal of existing potentially contaminated soil from the installation of boreholes. This will be stored on board the vessel until it can be transported offsite, tested and disposed of in an appropriate waste disposal facility.</p> | ✓          |           |          |



|     |  |  |   |  |
|-----|--|--|---|--|
| 5.9 | <b>Any other Environmental Considerations? If yes, please specify.</b> |  | √ |  |
|-----|--|--|---|--|

|      | <b>Built Heritage Considerations</b>  | <b>Yes</b> | <b>No</b> | <b>R</b> |
|------|---|------------|-----------|----------|
| 5.10 | <b>Does the area contain an archaeological site or feature? If yes, please specify.</b>   |            | √         |          |
| 5.11 | <b>Does the area contain or adjoin a listed archaeological site or monument? If yes, please specify.</b>  |            | √         |          |
| 5.12 | <b>Will the proposal have any potential impacts on the archaeological integrity of the site? If yes please describe</b>   |            | √         |          |
| 5.13 | <b>Are you proposing any measures to mitigate potential archaeological impacts? If yes, please describe?</b><br><br>The sub bottom profiling is to be carried out in advance of the intrusive works to determine if there are any obstructions or items that could be damaged by the drilling and thus avoided. | √          |           |          |

**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)**

|            | <b>Navigational Safety Considerations.</b>  | <b>Yes</b> | <b>No</b> | <b>R</b> |
|------------|---|------------|-----------|----------|
| <b>6.1</b> | <p><b>Are there public navigational safety implications arising from the proposed works?</b></p> <p>There may be some recreational boats in the area. Close daily liaison between the SI contractor and the harbour master at the Port of Cork will lead to appropriate marine notices being issued to vessels entering and exiting the harbour via white bay where the SI works will be taking place.</p>  | √          |           |          |
| <b>6.2</b> | <p><b>What marine activity is there in the area?</b></p> <p>Seasonal recreational activities such as bathing in White Bay. Further from the foreshore, ships will be navigating in and out of Cork harbour.</p>   | √          |           |          |
| <b>6.3</b> | <p><b>How will the marine activity be affected by the proposed works?</b></p> <p>The borehole works will have a minimal effect on marine activity, only requiring a section of the foreshore to be closed from the public for a short space of time. The geophysical survey will require marine traffic entering and exiting Cork Harbour to be made aware of the location of the survey works each day so as to navigate around the survey vessel.</p> | √          |           |          |
| <b>6.4</b> | <p><b>What mitigating measures will be put in place?</b></p> <p>Close daily liaison between the SI contractor and the harbour master at the Port of Cork will lead to appropriate marine notices being issued to vessels entering and exiting the harbour via white bay where the SI works will be taking place.</p>  | √          |           |          |
| <b>6.5</b> | <p><b>How will the proposed works affect Marine Navigation in the future?</b></p> <p>There shall be no effect on future Marine Navigation once the site investigation is complete.</p>  |            | √         |          |

**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)**

|            | <b>Fishing/Aquaculture considerations</b>   | <b>Yes</b> | <b>No</b> | <b>R</b> |
|------------|---|------------|-----------|----------|
| <b>7.1</b> | <p><b>Is the proposal located in proximity to any of the following:</b></p> <ul style="list-style-type: none"> <li>• aquaculture operation</li> <li>• designated Shellfish Growing Waters</li> <li>• fish spawning ground</li> <li>• other sensitive fisheries location</li> </ul> <p><b>Please Illustrate on appropriate chart including distance in Km.</b></p> |            | √         |          |
| <b>7.2</b> | <p><b>Are there other potential impacts of the proposal on fishing/aquaculture in the area? If yes, please describe.</b></p>  |            | √         |          |
| <b>7.3</b> | <p><b>Are there any measures proposed to mitigate potential impacts on fisheries or aquaculture? If yes, please describe.</b></p>   |            | √         |          |

**Part 8 – Additional information**

|            |   |
|------------|---|
| <b>8.1</b> | <p><b>Please detail any additional relevant information.</b></p> <p>This licence is sought for investigative works only, to ascertain the profile and geotechnical properties of the foreshore and sea bed.<br/> The works are to be carried out within a short timeframe, in collaboration with relevant seasonal businesses in the area.<br/> No structures, permanent or temporary, are to be erected during these works and the intention is to reinstate the area as per its original condition.</p> |
|------------|---|

**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.**

**I give consent to the Minister and his servants to copy this application and to make it 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):**

Marie Fleming

**Name of above Signatory (block letters):**

**MARIE FLEMING** MARIE FLEMING

**Position Held:**

**ASSOCIATE ARUP** \_\_\_\_\_

**Date:** 9/5/18

**Return completed applications to:**

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

Enquiries to: [Foreshore@housing.gov.ie](mailto:Foreshore@housing.gov.ie) (Other contact details to be included in Guidance materials)

Email a copy of application documents: [Foreshore@housing.gov.ie](mailto: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.**

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

