



2017

## Investigative Foreshore Licence Application (Offshore Renewable Energy)

Please indicate project category as appropriate:

Wave:

☐

Tidal:

☐

Wind:

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Other:

Please specify:

Dept. of Environment, Heritage  
& Local Government  
21 NOV 2017  
Wexford

### Applicant Details:

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**Nominated Contact (Where different from above):**

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**Applicant's Legal Advisor:**

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

1.1	<p><b>Provide background information on the project including reason and objectives of the site investigations, the site selection process and any proposals for future works at the site.</b></p> <p>THE PROJECT IS TO DEVELOP AN OFFSHORE WIND FARM OFF THE EAST COAST OF IRELAND. A FORESHORE LICENCE IS REQUIRED TO UNDERTAKE SURVEYS AND INVESTIGATIONS IN ORDER TO FURTHER ASSESS THE SITE AND SEABED, IN ORDER TO SELECT AN OPTIMUM ROUTE FOR THE SUBMARINE ELECTRICITY CABLES REQUIRED FOR THE DEVELOPMENT OF AN OFFSHORE WIND FARM IN THE VICINITY OF KILMICHAEL POINT, CO. WEXFORD, TO ACQUIRE BASELINE DATA TO ALLOW CABLE DESIGN AND THE DEVELOPMENT OF CABLE INSTALLATION METHODOLOGIES, TO ACQUIRE BASELINE DATA TO OPTIMISE THE WINDFARM LAYOUT DESIGN AND FINALISE OFFSHORE FOUNDATION LOCATIONS, TO ACQUIRE BASELINE DATA ON THE WIND RESOURCE AND BASELINE INFORMATION FOR ENVIRONMENTAL STUDIES OF THE AREA.</p> <p>AN ASSESSMENT WAS UNDERTAKEN OF THE BLUEFIELD OFFSHORE WIND POTENTIAL IN THE IRISH SEA. THIS REVIEWED ALL PREVIOUS INTERNAL RESEARCH INTO THIS AREA. A COMPREHENSIVE SUITE OF ASSESSMENT CRITERIA WERE USED TO RANK THE IDENTIFIED BLUEFIELD AREAS. THE ASSESSMENT CRITERIA CONSIDERED INCLUDED AVAILABLE AREA, WATER DEPTH, SEABED SLOPE, ECOLOGICAL CONSTRAINTS, PLANNING CONSTRAINTS, ACCESS TO GRID, PORT FACILITIES, NAVIGATION CHANNELS, CABLE LANDING LOCATION, OWNERSHIP. THE ASSESSMENT ALSO ACCOUNTED FOR AND DISCOUNTED AREAS WITH EXISTING SITES WHICH HAVE FORESHORE LEASES, OR ARE THE SUBJECT OF FORESHORE LEASE APPLICATIONS. THE ASSESSMENT SELECTED TWO PREFERRED BLUEFIELD OPTIONS TO TAKE FORWARD FOR DEVELOPMENT CONSIDERATION AS PROSPECTIVE OFFSHORE WINDFARM SITES, ONE OF WHICH IS KILMICHAEL POINT, CO. WEXFORD.</p>
1.2	<p><b>Possible MW output of final development:</b></p> <p>CIRCA 500 MW</p>

1.3	<p><b>Type of surveys proposed (e.g. geophysical, geotechnical, archaeological or benthic.</b></p> <ul style="list-style-type: none"> <li>• GEOPHYSICAL SURVEY TO INCLUDE FOR EXAMPLE MULTIBEAM ECHOSOUNDER (MBES), MAGNETOMETER, SUB-BOTTOM PROFILER (SPARKER/BOOMER), SIDE SCAN SONAR.</li> <li>• GEOTECHNICAL INVESTIGATIONS TO INCLUDE GRAB SAMPLES, CPTS AND VIBROCORES.</li> <li>• ARCHAEOLOGICAL SURVEY – ASSESSMENT OF ARCHAEOLOGICAL SIGNIFICANCE OF IDENTIFIED TARGETS, IDENTIFICATION AND ASSESSMENT OF METALLIC AND OTHER TARGETS RECORDED DURING MARINE SURVEY</li> <li>• ECOLOGICAL SURVEYS - BIRDS AND MAMMALS, FLORA AND FAUNA, HABITAT, BENTHIC ECOLOGY, INTERTIDAL, FISH, WATER CHEMISTRY</li> </ul>
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1.4

**Description of proposed works/activity.**

THIS APPLICATION REFERS SOLELY TO GEOPHYSICAL SURVEYS, ARCHAEOLOGICAL SURVEY, ECOLOGICAL SURVEYS, GEOTECHNICAL INVESTIGATIONS AND DEPLOYMENT OF WIND AND CURRENT MEASUREMENT DEVICES AT KILMICHAEL POINT CO. WEXFORD FOR THE PURPOSE OF INVESTIGATING THE POTENTIAL SUITABILITY FOR AN OFFSHORE WIND PROJECT. IT IS INTENDED TO COMPLETE THE SURVEYS WITHIN THREE TO FIVE YEARS OF RECEIPT OF LICENCE. CONTRACTS HAVE NOT YET BEEN AWARDED FOR THESE SURVEYS. HOWEVER, DETAILS OF TYPICAL EQUIPMENT ENVISAGED FOR THE SURVEYS IS GIVEN BELOW. FURTHER INFORMATION IS GIVEN IN APPENDIX A.

THE WIND MEASUREMENT DEVICES WILL BE DEPLOYED FOR A MINIMUM OF ONE YEAR AND A MAXIMUM OF 36 MONTHS.

THE CURRENT MEASUREMENT DEVICES WILL BE DEPLOYED FOR A PERIOD OF 2 MONTHS.

GEOPHYSICAL SURVEY

INDICATIVE EQUIPMENT FOR USE ON THIS SURVEY WORK IS LISTED BELOW

- BATHYMETRY – MULTIBEAM ECHOSOUNDER (MBES) – KONGSBERG EM 710 OR SIMILAR
- MAGNETOMETER SPREAD – G-882 MARINE MAGNETOMETER OR SIMILAR
- GEOPHYSICAL ACQUISITION SYSTEM/SUB BOTTOM PROFILER – INNOMAR SES-2000 QUATTRO PARAMETRIC SUB BOTTOM PROFILER OR SIMILAR
- SEISMIC SOUND SOURCE – APPLIED ACOUSTICS BOOMER PLATE AA251/AA301 OR SIMILAR
- SIDESCAN SONAR – TOWED FISH DEVICE – EDGETECH 4200 MP SIDESCAN SONAR SYSTEM OR SIMILAR
- POSITIONING – DGPS – TRIMBLE NT300D OR EQUIVALENT
- STEAMER HYDROPHONE – APPLIED ACOUSTICS OR SIMILAR
- SEISMIC ENERGY SOURCE – APPLIED ACOUSTICS CSP-L OR SIMILAR

DETAILS OF THE VESSELS TO BE USED FOR THIS INVESTIGATION WILL NOT BE KNOWN UNTIL AWARD OF CONTRACT. ALL VESSELS TAKING PART IN THE SURVEY/INVESTIGATION WORKS WILL COMPLY WITH FULL CERTIFICATION REQUIREMENTS AND SHALL BE OF AN ADEQUATE SIZE AND NAVIGATION ABILITY TO ENSURE THE WORKS ARE CARRIED OUT IN A SAFE MANNER. TYPICAL VESSEL TYPES AND SIZES WHICH COULD BE USED ARE SHOWN IN APPENDIX A.

#### ARCHAEOLOGICAL SURVEY

- DESK STUDY
- IDENTIFICATION AND ASSESSMENT OF METALLIC AND OTHER TARGETS RECORDED DURING MARINE MAGNETOMETER SURVEY
- ASSESSMENT OF ARCHAEOLOGICAL SIGNIFICANCE OF IDENTIFIED TARGETS TO INCLUDE SIDESCAN ANALYSIS AND DIVING AS REQUIRED.

#### GEOTECHNICAL INVESTIGATIONS

- 80 NO. GRAB SAMPLES AT REPRESENTATIVE LOCATIONS WITHIN THE PROPOSED CABLE ROUTE CORRIDOR. LOCATIONS SUBJECT TO THE RESULTS OF THE GEOPHYSICAL SURVEY AND ARCHAEOLOGICAL SURVEY.
- 200 NO. CORE SAMPLES AT REPRESENTATIVE LOCATIONS WITHIN PROPOSED CABLE ROUTE CORRIDOR AND OFFSHORE AREA. LOCATIONS SUBJECT TO THE RESULTS OF THE GEOPHYSICAL SURVEY AND ARCHAEOLOGICAL SURVEY. INDICATIVE EQUIPMENT TO BE USED IS A HIGH PERFORMANCE CORER (HPC)
- 200 NO. CPTs AT REPRESENTATIVE LOCATIONS WITHIN PROPOSED CABLE ROUTE CORRIDOR AND OFFSHORE AREA. LOCATIONS SUBJECT TO THE RESULTS OF THE GEOPHYSICAL SURVEY AND ARCHAEOLOGICAL SURVEY. INDICATIVE EQUIPMENT TO BE USED IS A SEABED CONE PENETROMETER TEST (CPT) – SEACALF SEABED CPT SYSTEM OR SIMILAR.
- CHEMICAL TESTING AND SAMPLE ANALYSIS
- SURVEY AREA EXTENT AND PROPOSED CORES AND CPT LOCATIONS INDICATED ON DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B. LOCATIONS SUBJECT TO ARCHAEOLOGICAL SURVEY RESULTS

DETAILS OF THE VESSEL TO BE USED FOR THIS INVESTIGATION WILL NOT BE KNOWN UNTIL AWARD OF CONTRACT. TYPICAL VESSEL TYPES AND SIZES WHICH COULD BE USED ARE SHOWN IN APPENDIX A.

#### MARINE ECOLOGY SURVEY

- INTERTIDAL AND SUBTIDAL SURVEYS
- MARINE BENTHIC FLORA AND FAUNA SURVEYS
- FISHERIES AND SHELLFISH SURVEYS
- MARINE INVERTEBRATE SAMPLING AND IDENTIFICATION
- SEABIRD SURVEYS AND COLLISION RISK ASSESSMENT
- MARINE MAMMAL SURVEY INCLUDING STATIC ACOUSTIC MONITORING WILL BE ACHIEVED UTILISING C-PODS WHICH WILL BE DEPLOYED ON THE SEABED
- MARINE MAMMAL SURVEY, MONITORING INCLUDING TOWED HYDROPHONIC ACOUSTIC ARRAY MARINE HABITAT IDENTIFICATION, CLASSIFICATION AND MAPPING
- MARINE WATER QUALITY SAMPLING

#### BENTHIC ECOLOGY SURVEY

- SEDIMENT GRAB SAMPLING, AS REQUIRED, AT LOCATIONS TO BE DETERMINED IN PART FROM THE MARINE SURVEY.

	<ul style="list-style-type: none"> <li>• DROP DOWN VIDEO SURVEY AT APPROPRIATE LOCATIONS TO UNDERTAKE BENTHIC ASSESSMENT</li> <li>• NEAR SHORE DIVER SURVEYS</li> <li>• INTERTIDAL CORE SAMPLES ALONG TRANSECT LOCATIONS</li> </ul> <p>DETAILS OF THE VESSEL TO BE USED FOR SOME OF THE MARINE ECOLOGICAL SURVEY WORK WILL NOT BE KNOWN UNTIL AWARD OF CONTRACT. HOWEVER IT IS ANTICIPATED THAT A VESSEL OF SIMILAR TYPE AND SIZE TO THE CUAN BAN AS SHOWN IN APPENDIX A COULD BE USED FOR THE INVESTIGATION.</p> <p><u>WIND AND CURRENT RESOURCE ASSESSMENT</u></p> <ul style="list-style-type: none"> <li>• DEPLOYMENT OF 3 SEAWATCH WIND LIDAR BUOYS OR SIMILAR AT THREE LOCATIONS SPECIFIED ON DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B.</li> <li>• DEPLOYMENT OF 3 ADCPs AT LOCATIONS SPECIFIED ON DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B.</li> <li>• DEPLOYMENT OF 3 MARKER BUOYS AT LOCATIONS SPECIFIED ON DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B.</li> </ul> <p>SEE APPENDIX C FOR FURTHER INFORMATION ON WIND AND CURRENT MEASUREMENT DEVICES AND MARKER BUOY.</p>
1.5	<p><b>Describe the nature and scale of any structure to be erected on the foreshore for testing the suitability of the site. Is the structure proposed to be temporary or permanent?</b></p> <p>NO STRUCTURES ARE PROPOSED TO BE ERECTED ON THE FORESHORE.</p>
1.6	<p><b>Provide information on proposed mooring, marking and lighting arrangements for any proposed deployment of instrument arrays.</b></p> <p>THE BUOY WILL COMPLY WITH CIL STANDARD NAVIGATIONAL SAFETY REQUIREMENTS WITH REGARD TO LIGHTING, POSITIONING AND MOORING.</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? (Give details including Department's file reference number(s)).</b></p> <p>YES THE APPLICANT HAS HELD THE FOLLOWING FORESHORE LICENCES AND LEASES:</p> <p>ACHILL, CO. MAYO – FILE REFERENCE MS51/13/422 - WHICH EXPIRED IN 2013</p> <p>WESTWAVE - FILE REFERENCE FS 004590 MS 51/11/237 –36 MONTH LICENCE EXPIRED IN JULY 2017.</p> <p>FORESHORE LEASE FOR MONEYPPOINT TO INSTALL WIND TURBINES FOR ELECTRICITY GENERATION FROM RENEWABLE ENERGY DATED 01/05/2015 – FILE REFERENCE – FS 006318</p> <p>LEASE DATED 03/04/1985 REF. NO. FS006389 (MS51/11/126)</p>

1.8	<p><b>Indicative timing of the investigation works: (i) Start date (ii) Duration (iii) Any other information relevant to timing.</b></p> <p>THE PROVISIONAL PROGRAMME FOR UNDERTAKING THESE SURVEYS, SUBJECT TO WEATHER CONDITIONS ENVISAGES:</p> <ol style="list-style-type: none"> <li>1. GEOPHYSICAL SURVEY– SUMMER 2018 (3 MONTHS MAX DURATION)</li> <li>2. GEOTECHNICAL INVESTIGATIONS- SUMMER 2018 (3 MONTHS MAX DURATION)</li> <li>3. ARCHAEOLOGICAL SURVEY – SUMMER 2018 (1 MONTH)</li> <li>4. ECOLOGICAL SURVEYS – SPRING 2018 (3 YEARS DURATION SEASONAL)</li> <li>5. WIND RESOURCE MONITORING – COMMENCE SUMMER 2018 FOR A MINIMUM OF 12 MONTHS AND A MAXIMUM OF 36 MONTHS.</li> <li>6. CURRENT RESOURCE MONITORING – COMMENCE SUMMER 2018 FOR A PERIOD OF 2 MONTHS</li> </ol>
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1.9

**Describe any likely interactions with activities of the public or other foreshore users during the investigative works (e.g. fishing, aquaculture, sailing, and surfing). Describe any measures proposed to minimise inconvenience to other users.**

THE SURVEYS AND INVESTIGATIONS WILL BE OF LIMITED EXTENT AND DURATION.

COASTAL EROSION

THERE WILL BE NO IMPACT ON COASTAL EROSION

NAVIGATION

THE SURVEY WORK WILL BE OF A TEMPORARY NATURE. THERE WILL BE TEMPORARY DEPLOYMENT OF WIND AND CURRENT MEASURING BUOYS. THE WIND BOUY WILL COMPLY WITH STANDARD NAVIGATIONAL SAFETY REQUIREMENTS WITH REGARD TO LIGHTING, POSITIONING AND MOORING. THE IMPACT ON MARINE TRAFFIC VOLUMES WILL BE MINIMAL AND WILL BE OVER A VERY LIMITED PERIOD.

WHEN THE SURVEY/INVESTIGATION WORKS ARE SCHEDULED, ESBI WILL ARRANGE FOR THE PUBLICATION OF LOCAL MARINE NOTICES GIVING A GENERAL DESCRIPTION OF OPERATIONS AND APPROXIMATE DATES FOR COMMENCEMENT AND COMPLETION.

WHEN THE SURVEY/INVESTIGATION WORKS ARE SCHEDULED, ESBI WILL ARRANGE THAT THE SEA FISHERIES PROTECTION AUTHORITY BE NOTIFIED SO THAT SMALL FISHING VESSELS MAY BE INFORMED OF THE WORKS TAKING PLACE

ESBI WILL ENSURE THAT ALL VESSELS TAKING PART IN THE SURVEY/INVESTIGATION WORKS WILL COMPLY WITH FULL CERTIFICATION REQUIREMENTS.

FISHING

FISHING ACTIVITIES WILL NOT BE ADVERSELY AFFECTED BY THE SURVEYS.

AQUACULTURE

AQUACULTURE WILL NOT BE ADVERSELY AFFECTED BY THE SURVEYS

PLEASURE BOATING AND SAILING

NO IMPACT ON PLEASURE BOATING AND SAILING IS ANTICIPATED

SURFING

NO IMPACT ON SURFING IS ANTICIPATED

SWIMMING

	NO IMPACT ON SWIMMING IS ANTICIPATED
	<p><b>MITIGATING MEASURES</b></p> <p>THE SURVEYS AND INVESTIGATIONS WILL BE OF LIMITED EXTENT AND DURATION.</p> <p>WHEN THE SURVEY/INVESTIGATION WORKS ARE SCHEDULED, ESBI WILL ARRANGE FOR THE PUBLICATION OF LOCAL MARINE NOTICES GIVING A GENERAL DESCRIPTION OF OPERATIONS AND APPROXIMATE DATES FOR COMMENCEMENT AND COMPLETION.</p> <p>WHEN THE SURVEY/INVESTIGATION WORKS ARE SCHEDULED, ESBI WILL ARRANGE THAT THE SEA FISHERIES PROTECTION AUTHORITY BE NOTIFIED SO THAT SMALL FISHING VESSELS MAY BE INFORMED OF THE WORKS TAKING PLACE.</p> <p>ESBI WILL ENSURE THAT ALL VESSELS TAKING PART IN THE SURVEY/INVESTIGATION WORKS WILL COMPLY WITH FULL CERTIFICATION REQUIREMENTS.</p>
1.10	<p><b>Describe any consultations undertaken to date with other foreshore users.</b></p> <p>LETTER SENT TO A NUMBER OF STATUTORY CONSULTEES ADVISED BY THE DEPARTMENT INFORMING THEM OF THE PROJECT AND PROPOSED WORKS.</p>
1.11	<p><b>Describe any consultations undertaken to date with other consent authorities e.g. planning authority, Commission for Energy Regulation etc.</b></p> <p>LETTER SENT TO A NUMBER OF STATUTORY CONSULTEES ADVISED BY THE DEPARTMENT INFORMING THEM OF THE PROJECT AND PROPOSED WORKS.</p>
1.12	<p><b>Describe briefly any consultations undertaken with relevant authorities (e.g. county council, port/harbour authority etc) or State Agencies e.g. National Parks &amp; Wildlife Service (NPWS), National Monuments Service (NMS) of Department of Arts, Heritage and the Gaeltacht:</b></p> <p>LETTER SENT TO RELEVANT AUTHORITIES AND STATE AGENCIES ADVISED BY THE DEPARTMENT INFORMING THEM OF THE PROJECT AND PROPOSED WORKS</p> <p>MEETING HELD WITH THE CIL REGARDING THE PROJECT AND SITE LOCATION.</p> <p>RESPONSE FROM SOME OF THE CONSULTEES BY EMAIL / PHONECALL.</p>
1.13	<p><b>Describe briefly any support received or under application with the Sustainable Energy Authority of Ireland (SEAI) or other State Agency:</b></p> <p>NONE</p>

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

2.1	<p><b>Delineate the proposed site in red on a latest edition map at a scale of 1:10 000 or larger scale if more appropriate and available, indicating:</b></p> <p>(i) the entire area;</p> <p>(ii) the hectarage involved below the line of high water of medium tides clearly marked in RED and</p> <p>(i) the area of foreshore involved in metric measurements (i.e. hectares, metres squared or square kilometres etc).</p> <p>SEE DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B</p>
2.2	<p><b>Geographic co-ordinates of the area under application, where the area can also be identified on the Ordnance Survey map, specify Ordnance Survey co-ordinates</b></p> <p>SEE DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B</p>
2.3	<p><b>Delineate proposed site on relevant Admiralty Chart.</b></p> <p>SEE DRAWING NUMBER QS-000247-01-D460-001 IN APPENDIX B</p>
2.4	<p><b>Relevant Local Authority:</b></p> <p>WEXFORD COUNTY COUNCIL</p>
2.5	<p><b>Location name and nearest townland name:</b></p> <p>KILMICHAEL POINT, COUNTY WEXFORD</p>
2.6	<p><b>Distance from nearest other developments, including any offshore renewable energy developments on the foreshore:</b></p> <p>THE SITE IS LOCATED APPROXIMATELY 0.5KM FROM THE EXISTING ARKLOW BANK WINDFARMLEASE AREA AT ITS CLOSEST POINT</p>
2.7	<p><b>Distance from shore:</b></p> <p>APPROXIMATELY 6 KM</p>
2.8	<p><b>Distance from nearest aquaculture operation:</b></p> <p>26KM FROM SHELLFISH WATERS IN WEXFORD HARBOUR</p> <p>THE DEPARTMENT OF AGRICULTURE, FOOD AND MARINE ARE PROCESSING AN AQUACULTURE APPLICATION (T32/27) FOR AN OFFSHORE MUSSEL SPAT COLLECTION SMART-FARM THAT IS LOCATED WITHIN THE NORTHERN SECTION OF THE PROPOSED STUDY AREA. SEE DRAWING NUMBER QS-000247-01-D460-002 IN APPENDIX B FOR THE AREA OF THIS APPLICATION.</p>

2.9	<p>Distance from any other sensitive location e.g. fish spawning ground, designated Shellfish Growing Waters,</p> <p>N/A</p>
2.10	<p><b>Any other site details considered relevant:</b></p> <p>SOME CIL AIDS TO NAVIGATION ARE WITHIN AND CLOSE TO THE SITE AREA.</p> <p>SOME SHIPWRECKS ARE WITHIN AND CLOSE TO THE SITE AREA.</p> <p>THESE WILL BE CONSIDERED DURING THE SURVEYS, INVESTIGATIONS AND MONITORING WORKS.</p>

Part 3: Nature Conservation Considerations (Attach additional documents as required)

3.1	<p><b>Distance from nearest Natura 2000 sites (i.e. Special Protection Area (SPA) or Special Area of Conservation (SAC):</b></p> <p>THE SITE LIES APPROXIMATELY 1KM FROM THE CLOSEST SAC/SPA</p>
3.2	<p><b>Name and location of Natura 2000 sites in or around the project area:</b></p> <p>KILPATRICK SANDHILLS SAC (001742) – 5 KM</p> <p>BLACKWATER BANK SAC (002953) – 1 KM</p> <p>CAHORE MARSHES SPA (004143) – 6 KM</p> <p>CAHORE POLDER AND DUNES SAC (000700) -5.5KM</p>
3.3	<p><b>Describe potential impacts of the site investigations on Natura 2000 sites.</b></p> <p>THE ENVIRONMENTAL IMPACT OF ANY SURVEYS AND INVESTIGATIONS WILL BE NEGLIGIBLE.</p>
3.4	<p><b>Describe any measures proposed to mitigate possible impacts on Natura 2000 sites and other key marine receptors.</b></p> <p>THE SURVEYS AND INVESTIGATIONS WILL BE OF LIMITED EXTENT AND DURATION.</p> <p>TENDERERS WILL BE REQUIRED TO SUBMIT THEIR METHODOLOGY STATEMENTS AND RISK ASSESSMENTS IN ADVANCE OF CARRYING OUT ANY WORKS. ESBI WILL ENSURE THAT SURVEYS WILL NOT IMPACT ON THE DESIGNATED SACs AND SPAs.</p>
3.5	<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:</b></p> <p>THE SURVEYS AND INVESTIGATIONS WILL BE OF A TEMPORARY NATURE. THE SITE LIES CLOSE TO THE ARKLOW BANK WINDFARM AND IS APPROXIMATELY 0.5KM EAST OF THE EXISTING WINDFARM LEASE AREA.</p> <p>THE IN COMBINATION EFFECT OF THE EXISTING WINDFARM AND THE PROPOSED SURVEY WORKS AT A SITE OFF KILMICHAEL POINT, CO. WEXFORD WILL BE NEGLIGIBLE. IT IS JUST SURVEYS AND INVESTIGATIONS PROPOSED AT THIS STAGE AND ALL PROPOSED WORKS AS PART OF THIS APPLICATION ARE OUTSIDE ANY DESIGNATED NATURA 2000 SITE.</p>

Part 4: Navigational Safety Considerations.

4.1	<b>Distance from shipping lanes at nearest point. Illustrate on the appropriate marine charts accompanying the application.</b>  NO DESIGNATED SHIPPING LANES WITHIN THE AREA FOR DEVELOPMENT. THE CLOSEST SHIPPING LANE TO THE SITE IS LOCATED APPROXIMATELY 0.7KM FROM THE NORTHERN BOUNDARY OF THE SITE AREA.
4.2	<b>If a safety zone for passage of shipping (including fishing and leisure boats) is sought, supply details and give reasons.</b>  NOT APPLICABLE.
4.3	<b>If an temporal /spatial restrictions are sought on the use of any type of fishing gear or leisure activity within the area, provide details and justification for such restrictions and indicate location(s) on appropriate marine charts.</b>  NOT APPLICABLE

**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.

The granting or refusal of any foreshore investigation licence will not give rise on the part of the applicant to any expectation whatsoever for, right or entitlement to a grant of any future foreshore permission in respect of all or any part of any area of foreshore.

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 and to any further information, submission, objection provided by me or on my behalf.

Signed for and on behalf of the applicant:

Ann-Marie Downey

Name of Signatory (block letters):

ANN MARIE DOWNEY

Position Held:

SENIOR CIVIL ENGINEER / TEAM LEADER / PROJECT MANAGER

Date 29/11/2017

Return completed applications to:

Marine Planning and Foreshore Section

Department of Housing, Planning and Local Government

Newtown Road, Wexford

Y35 AP90

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