

An
Bord
Pleanála

Application Form for Permission / Approval in respect of a Strategic Infrastructure Development

Application Form for Permission/Approval in respect of a Strategic Infrastructure Development

1.

| | |
|--|---|
| Please specify the statutory provision under which your application is being made: | Section 37E of the Planning and Development Act 2000 (as amended) |
|--|---|

2. **Applicant:**

| | |
|-------------------------|---|
| Name of Applicant: | Mercury Renewables (Carrowleagh) Limited |
| Address: | Coolcronan House Coolcronan Foxford Co. Mayo |
| Telephone No: | c/o Agent (see Section 4) |
| Email Address (if any): | c/o Agent (see Section 4) |
| Fax Number (if any): | c/o Agent (see Section 4) |

3. Where Applicant is a company (registered under the Companies Acts):

| | |
|---------------------------------|---|
| Name(s) of company director(s): | John Duffy John Kelly Ann Walsh |
| Registered Address (of company) | Coolcronan House Coolcronan Foxford Co. Mayo |
| Company Registration No. | 481940 |
| Telephone No. | c/o Agent |
| Email Address (if any): | c/o Agent |
| Fax Number (if any): | c/o Agent |

4. Person / Agent acting on behalf of the Applicant (if any):

| | |
|------------------------|--|
| Name: | Jennings O'Donovan & Partners Limited |
| Address: | Finisklin Business Park Sligo F91 RHH9 |
| Telephone No. | 071 916 1416 |
| Mobile No. (if any) | - |
| Email address (if any) | sjones@jodireland.com |
| Fax Number (if any): | 071 916 1080 |

Should all correspondence be sent to the above address? (Please tick appropriate box)

(Please note that if the answer is “No”, all correspondence will be sent to the Applicant’s address)

Yes: [] No: []

Contact Name and Contact Details (Phone number) for arranging entry on site if required / appropriate:

John Duffy + 00 44 7836 556 964

5. Person responsible for preparation of Drawings and Plans:

| | |
|-------------------------|--|
| Name: | Kenneth Dunne & John Doogan |
| Firm / Company: | Jennings O’Donovan & Partners Limited |
| Address: | Finisklin Business Park Sligo F91 RHH9 |
| Telephone No: | 071 916 1416 |
| Mobile No: | - |
| Email Address (if any): | kdunne@jodireland.com |
| Fax Number (if any): | 071 9161416 |

Details all plans / drawings submitted – title of drawings / plans, scale and no. of copies submitted. This can be submitted as a separate schedule with the application form.

Please refer to the appended Planning Drawing Register in **Addendum 1**. 2 hard copies and 8 electronic copies of each drawing are submitted with the application.

6. Site:

| | |
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| <p>Site Address / Location of the Proposed Development (as may best identify the land or structure in question)</p> | <p>The townlands of Carrowleagh, Carha, Carrownaglogh, Drumsheen, Rathreedaun, Ballyglass East, Bunnyconnellan West, Cloonmeen West and Lavy More County Mayo and Carraun, Knockbrack, Ballymoghany, Muingwore and Cloonkeelaun County Sligo.</p> |
| <p>Ordnance Survey Map Ref No. (and the Grid Reference where available)</p> | <p>OSI 1:50,000 Discovery Series tiles: 1230, 1232, 1430 & 1432. Discovery Series Map No: 24, 25 & 32. Centre of Wind Farm Site: ITM E536425.450, N821514.398 Centre of Hydrogen Plant Site: ITM E529487.889, N822565.699 Grid Connection: Start Point ITM E535277.092, N821823.342 & End Point E533169.008, N 818819.924 Interconnector: Start Point ITM E535300.7097, N 821718.0486 & End Point E529641.109, N 822528.524 Turbine Delivery Route: Start Point ITM E 531823.766, N826367.230 & End Point ITM E 535083.519, N821578.955</p> |
| <p>Where available, please provide the application site boundary, as shown in the submitted plans / drawings, as an ESRI shapefile in the Irish Transverse Mercator (ITM IRENET95) co-ordinate reference system. Alternatively, a CAD file in .dwg format, with all geometry referenced to ITM, may be provided.</p> | |
| <p>Area of site to which the application relates in hectares</p> | <p>462.438 ha</p> |
| <p>Site zoning in current Development Plan for the area:</p> | <p>Not zoned. The Wind Farm Site is designated as Tier 1 - Preferred (Large Wind Farms)' in Mayo County's Renewable Energy Strategy 2011-2020 and the Hydrogen Plant Site is designated as Normal Rural Landscape in Sligo County Council's Landscape Characterisation Map as part of the Sligo County Development Plan 2017-2023.</p> |
| <p>Existing use of the site & proposed use of the site:</p> | <p>Existing Use: Agricultural, residential peat harvesting and forestry purposes</p> |

| | |
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| | Proposed: Renewable energy development - wind farm, hydrogen plant and associated infrastructure (see Section 9 for full details). |
| Name of the Planning Authority(s) in whose functional area the site is situated: | Mayo County Council & Sligo County Council |

7. Legal Interest of Applicant in respect of the site the subject of the application:

| | | |
|--|---------|----------|
| Please tick appropriate box to show applicant's legal interest in the land or structure: | Owner | Occupier |
| | Other ✓ | |
| Where legal interest is "Other", please expand further on your interest in the land or structure. | | |
| <p>See letter in Addendum 2 confirming legal interest in the lands, the subject of this application, including details of the legal owners.</p> <p>A letter of confirmation that the part of the 110kV underground cable connection and interconnector that is in, on, over or under a public road, will be undertaken by a statutory undertaker having a right or interest to provide services in connection with the proposed development is included in Addendum 3.</p> <p>In due course, the part of the proposed development comprising the turbine delivery route nodes and the part of the 110kV underground cable grid connection and interconnector not in, on, over or under a public road, will, if required, be constructed by Mercury Renewables (Carrowleagh) Limited, subject to the authorisation and consent of the Commission for Regulation of Utilities, pursuant to statutory powers in the Electricity (Supply) Act 1927 (as amended).</p> | | |
| <p>If you are not the legal owner, please state the name and address of the owner and supply a letter from the owner of consent to make the application as listed in the accompanying documentation.</p> | | |
| <p>The names and addresses of the owners of the lands that are the subject of this application are detailed in the letter included in Addendum 2.</p> | | |
| <p>Does the applicant own or have a beneficial interest in adjoining, abutting or adjacent lands? If so, identify the lands and state the interest.</p> | | |
| <p>The applicant has no beneficial interest in lands adjoining, abutting or adjacent to the site.</p> | | |

8. Site History:

Details regarding site history (if known):

Has the site in question ever, to your knowledge, been flooded?

Yes: [] No: []

If yes, please give details e.g. year, extent:

Are you aware of previous uses of the site e.g. dumping or quarrying?

Yes: [] No: []

If yes, please give details:

Are you aware of any valid planning applications previously made in respect of this land / structure?

Yes: [] No: []

If yes, please state planning register reference number(s) of same if known and details of applications

| Reg. Ref. No: | Nature of Proposed Development | Nature of Final Decision of Application Grant of Refusal by Planning Authority / An Bord Pleanála |
|----------------------|---|---|
| 22/221 | Retention of a temporary Meteorological Mast and associated site works that will operate for a further 2 years. The Meteorological Mast will retain its finished height not exceeding 80m above existing ground level consisting of a lattice tubular frame, guy wires and ancillary equipment. | Permission Granted by Mayo County Council on the 11/05/2022 |
| 11/495 & PL16.241592 | Wind farm of 21 wind turbines, each turbine with a hub height of 85m and rotor blades of 35.5m in length with a total power output capacity of 48.3 megawatts. The development will also include the upgrading of c. 9.9km of existing site tracks and the construction of c. 350m of new site tracks, hard standing areas, electrical control building, compound and also to erect 2 no. anemometry masts and install underground cabling. In addition, the development will include the carrying out of temporary site works and ancillary works to serve the developments. | Permission Granted by Mayo County Council on the 15/01/2013 & by An Bord Pleanála on the 01/08/2013 |

If a valid planning application has been made in respect of this land or structure in the 6 months prior to the submission of this application, then any required site notice must be on a yellow background in accordance with Article 19(4) of the Planning and Development regulations 2001 as amended.

Is the site of the proposal subject to a current appeal to An Bord Pleanála in respect of a similar development?

Yes: [] No:[]

If yes please specify

An Bord Pleanála Reference No.: _____

9. Description of the Proposed Development:

| | |
|--|---|
| <p>Brief description of nature and extent of development</p> | <p>The proposed development will consist of the following:</p> <ul style="list-style-type: none">• Construction of 13 No. wind turbines with an overall ground to blade tip height of between 177 m and 185 m inclusive. The wind turbines will have a rotor diameter of between 149 m and 155 m inclusive and a hub height of between 102.5 m and 110.5 m inclusive.• Construction of permanent crane hardstand areas, turbine foundations and temporary laydown/storage areas.• Construction of new permanent internal wind farm site access roads and the upgrade of existing internal bog tracks to include passing bays and all associated drainage infrastructure.• Development of a site drainage network for the wind farm site including sediment control systems.• All associated underground electrical and communications cabling connecting the wind turbines to the wind farm substation.• Construction of a permanent on-site 110 kV wind farm electrical substation including two no. control buildings with welfare facilities, all associated electrical plant and equipment, security fencing and gates, all associated underground cabling, wastewater holding tank, and all ancillary structures and works.• All works associated with the permanent connection of the wind farm to the national electricity grid, which will be via a loop-in 110 kV underground cable, in permanent cable ducts from the proposed permanent wind farm substation in the townland of Carrowleagh, and through the townlands of Carha, Carrownaglogh, Rathreedaun, Drumsheen and Bunnyconnellan West County Mayo into the existing 110 kV overhead line in the townland of Rathreedaun County Mayo, with two new 16 m high steel lattice loop-in/out masts at the connection point.• Construction of a wind farm site temporary construction compound with associated temporary site offices, parking areas, welfare facilities and security fencing.• Construction of a temporary construction materials storage area for use during the construction of the wind farm. |
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| | |
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| | <ul style="list-style-type: none"> • Forestry felling to facilitate the construction and operation of the wind farm substation and any onsite forestry replanting. • Upgrade works on the turbine delivery route to include the following to facilitate the delivery of abnormal loads and turbine component deliveries: <ul style="list-style-type: none"> ○ Improvement of the N59 and L-2604-0 junction in the townland of Ballymoghany County Sligo to include for the temporary widening of it. The associated accommodation works will include the installation of new drainage pipes, the construction of a 1.2 m high concrete retaining wall and the erection of timber stock proof fencing and two agricultural gates. ○ Localised widening of the L-2604-0 road in the townland of Cloonkeelaun County Sligo. The associated accommodation works will include the construction of a 1.2 m high concrete retaining wall and the erection of concrete post and timber rail stock proof fencing and two agricultural gates. ○ Localised widening of the L-2604-0, L-5137-0 and L-5137-9 roads in the townlands of Ballymoghany, Muingwore and Cloonkeelaun County Sligo, and Carrowleagh County Mayo to achieve a surfaced road width of 4.5 m. ○ Localised widening of the L-5137-9, L-5136-0 and L-6612 roads in the townlands of Carraun and Knockbrack County Sligo, and Carha and Carrowleagh County Mayo to establish passing bays. ○ Localised road widening at the N17/N5 roundabout in the townland of Ballyglass East County Mayo. ○ Localised road widening at the road junction with the N5 in the townland of Ballyglass East County Mayo. ○ Alterations to the embankments at the N5 junction with the L-5339 and L-1331 roads in the townland of Cloonmeen West County Mayo. ○ Localised road widening at the junction of the L-5339 and L-1331 in the townland of Lavy More County Mayo. |
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| | <ul style="list-style-type: none">• Construction of a new wind farm site entrance off the L-5137-9 local road in the townland of Carrowleagh County Mayo with the creation of a splayed entrance to facilitate the delivery of abnormal loads and turbine component deliveries.• Construction of a hydrogen plant and an access road to it along with upgrades to the L-6612-1 and the construction of a roundabout. The hydrogen plant includes the electrolyser building measuring 130 m by 110 m and 16 m in height, and equipment, underground water storage tanks, drainage system, constructed wetlands, hydrogen dispensing station, tube trailer parking, water treatment building, fin fan coolers, fire water tanks, compressors, offices and welfare facilities and all ancillary equipment.• Construction of a permanent on-site 110 kV hydrogen plant substation including two control buildings with welfare facilities, all associated electrical plant and equipment, security fencing and gates, all associated underground cabling, wastewater holding tank, and all ancillary structures and works.• Abstraction of groundwater from 2 no. boreholes in the townland of Carraun County Sligo and pumping to the proposed hydrogen plant site and all associated ancillary works.• Construction of a hydrogen plant site temporary construction compound with associated temporary site offices, parking areas, materials storage and security fencing for use during the construction of the hydrogen plant site.• All works associated with the permanent connection of the wind farm to the hydrogen plant comprising a 110 kV underground cable in permanent cable ducts from the proposed, permanent, wind farm substation, in the townland of Carrowleagh County Mayo and onto the townlands of Carha County Mayo, Knockbrack County Sligo and terminating in the hydrogen plant substation in the townland of Carraun County Sligo.• Demolition of one agricultural shed and partial demolition of one agricultural shed in the townland of Carraun County Sligo to facilitate the construction of the upgraded L-6612-1 local road and roundabout. |
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10. In the case of mixed development (e.g. residential, commercial, industrial, etc), please provide breakdown of the different classes of development and a breakdown of the gross floor area of each class of development:

| Class of Development: | Gross Floor Area in m² |
|------------------------------|--|
| N/A | N/A |
| | |
| | |
| | |

11. Where the application relates to a building or buildings:

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|---|--|
| Gross floor space of any existing buildings(s) in m ² | N/A |
| Gross floor space of proposed works in m ² | <p>Wind Farm: IPP Control Building: 213.537 m² TSO Control Building: 437.458 m²</p> <p>Hydrogen Plant: IPP Control Building: 83.216 m² TSO Control Building: 195.0m² Electrolyser Building: 14,300m² Water Treatment Building: 440m²</p> |
| Gross floor space of work to be retained in m ² (if appropriate) | N/A |
| Gross floor space of any demolition in m ² (if appropriate) | Existing sheds: 117.53 m ² |

12. In the case of residential development please provide breakdown of residential mix:

| Number of | Studio | 1 Bed | 2 Bed | 3 Bed | 4 Bed | 4 + Bed | Total |
|---|--------|-----------|-----------|-------|-------|------------|-------|
| Houses | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Apartments | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Number of car-parking spaces to be provided | | Existing: | Proposed: | | | Total: N/A | |

13. Social Housing:

| Please tick appropriate box: | Yes | No |
|---|-----|----|
| <i>Is the application an application for permission for development to which Part V of the Planning and Development Act 2000 applies?</i> | | ✓ |

If the answer to the above question is “yes” and the development is not exempt (see below), you must provide, as part of your application, details as to how you propose to comply with section 96 of Part V of the Act.

If the answer to the above question is “yes” but you consider the development to be exempt by virtue of section 97 of the Planning and Development Act 2000⁸, a copy of the Certificate of Exemption under section 97 must be submitted (or, where an application for a certificate of exemption has been made but has not yet been decided, a copy of the application should be submitted).

If the answer to the above question is “no” by virtue of section 96 (13) of the Planning and Development Act 2000⁹, details indicating the basis on which section 96 (13) is considered to apply to the development should be submitted.

14. Where the application refers to a material change of use of any land or structure or the retention of such a material change of use:

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| Existing use (or previous use where retention permission is sought) |
| Agricultural, forestry and residential peat harvesting |
| Proposed use (or use it is proposed to retain) |
| A renewable energy development for electricity generation and green hydrogen production - wind farm, hydrogen plant and associated infrastructure (see answer to question 9 for full details). |
| Nature and extent of any such proposed use (or use it is proposed to retain). |
| The development of renewable energy for electricity generation and green hydrogen production - wind farm, hydrogen plant and associated infrastructure (see answer to question 9 for full details). |

15. Development Details:

| Please tick appropriate box: | If answer is yes please give details | YES | NO |
|------------------------------|--|-----|----|
| | Does the proposed development involve the demolition of a Protected Structure(s), in whole or in part? | | ✓ |
| | Does the proposed development consist of work to a protected structure and / or its curtilage or proposed protected structure and / or its curtilage? | | ✓ |
| | Does the proposed development consist of work to the exterior of a structure which is located within an architectural conservation area (ACA)? | | ✓ |
| | Does the application relate to development which affects or is close to a monument or place recorded under section 12 of the National Monuments (Amendment) Act, 1994. | | ✓ |
| | Does the application relate to work within or close to a European Site or a Natural Heritage Area? | | ✓ |
| | Does the development require the preparation of a Natura Impact Statement? | ✓ | |
| | Does the proposed development require the preparation of an Environmental Impact Assessment Report? | ✓ | |
| | Do you consider that the proposed development is likely to have significant effects on the environment in a transboundary state? | | ✓ |
| | Does the application relate to a development which comprises or is for the purpose of an activity requiring an integrated pollution prevention and control license | ✓ | |
| | Does the application relate to a development which comprises or is for the purpose of an activity requiring a waste license? | ✓ | |
| | Do the Major Accident Regulations apply to the proposed development? | ✓ | |

| | | |
|---|--|---|
| Does the application relate to a development in a Strategic Development Zone? | | ✓ |
| Does the proposed development involve the demolition of any habitable house? | | ✓ |

16. Services:

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|--|
| Proposed Source of Water Supply: |
| Existing connection: <input type="checkbox"/> New Connection: <input checked="" type="checkbox"/> |
| Public Mains: <input checked="" type="checkbox"/> Group Water Scheme: <input type="checkbox"/> Private Well: <input type="checkbox"/> |
| Other <input checked="" type="checkbox"/> (please specify): |
| Construction Phase: Bottled and tankered water will be brought to the sites. |
| Operational Phase: A public main back up supply and a rainwater harvesting collector for toilet use and washing facilities. |
| _____ Name of Group Water Scheme (where applicable): N/A |
| _____ |
| Proposed Wastewater Management / Treatment: |
| Existing: <input type="checkbox"/> New: <input checked="" type="checkbox"/> |
| Public Sewer: <input type="checkbox"/> Conventional septic tank system: <input checked="" type="checkbox"/> |
| Other on-site treatment system: <input checked="" type="checkbox"/> Please Specify: |
| Wind Farm Site: Wastewater to be retained in a sealed storage tank and tankered off-site by a permitted waste collector to a wastewater treatment plant during both the construction and operational phases. |
| Hydrogen Plant Site: Wastewater to be retained in a sealed storage tank and tankered off-site by a permitted waste collector to a wastewater treatment plant during the construction phase. A septic tank and a constructed wetland will be utilised to treat the wastewater generation during the operational phase. |
| Proposed Surface Water Disposal: |
| Public Sewer / Drain: <input type="checkbox"/> Soakpit: <input type="checkbox"/> |
| Watercourse: <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Please specify: |
| Wind Farm Site: On site drainage including trackside drainage channels, settlement ponds and buffered outfalls as shown on Drawing No.'s 6129-PL-101-112. |

17. Notices:

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| Details of public newspaper notice – paper(s) and date of publication |
| Details of public newspaper notice – paper(s) and date of publication Western People – 4 th July 2023 Irish Examiner – 4 th July 2023 The Sligo Champion – 5 th July 2023 Copy of page(s) of relevant newspaper enclosed Yes: [<input checked="" type="checkbox"/>] No: [] |
| Details of site notice, if any, - location and date of erection |
| The locations of the site notices are shown on Drawing No. 6129-PL-001 & 6129-PL-050, included in the Planning Drawings that accompany this application. Date of erection of site notices: 05/07/2023 Copy of site notice enclosed Yes: [<input checked="" type="checkbox"/>] No: [] |
| Details of other forms of public notification, if appropriate e.g. website |
| Website Address: www.firloughwindfarmplanning.com EIAR portal: Ref. Portal ID 2023113 |

18. Pre-application Consultation:

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|---|
| Date(s) of statutory pre-application consultations with An Bord Pleanála: 15/09/2020, 26/01/2022, 06/04/2022 & 14/07/2022 (Case Reference ABP-307264-20) – SID Determination attached in Addendum 4 |
| Schedule of any other pre application consultations –name of person / body and date of consultation to be provided as appropriate and also details of any general public consultations i.e. methods, dates, venues etc. This can be submitted as a separate schedule with the application form. Enclosed: See the schedule of additional pre-application consultation attached in Addendum 4 . Yes: [<input checked="" type="checkbox"/>] No: [] |
| Schedule of prescribed bodies to whom notification of the making of the application has been sent and a sample copy of such notification. |

Enclosed: See the schedule of prescribed bodies attached in **Addendum 5** (as recommended by An Bord Pleanála, correspondence dated 3rd November 2022). Copies of the notifications are also attached in **Addendum 6**.

Yes: [] No: []

19. Confirmation Notice:

Copy of Confirmation Notice

Please see attached copy of the confirmation notice in **Addendum 7**. EIA Portal ID 2023113

20. Application Fee:

Fee Payable

€100,000 paid by EFT (Transfer confirmation enclosed in **Addendum 8**).

I hereby declare that, to the best of my knowledge and belief, the information given in this form is correct and accurate and that the application documents being deposited at the planning authority offices, and any other location specified by the Board in pre application consultations, including a website (if any) will be identical to the application documents being deposited with the Board.

Signed:
(Applicant or Agent as appropriate)



Sarah Jones
c/o Jennings O'Donovan & Partners Limited (Agent)

Date:

5th July 2023

General Guidance Note:

The range and format of material required to be compiled / submitted with any application in respect of a proposed strategic infrastructure development shall generally accord with the requirements for a planning application as set out in the Planning and Development Regulations, 2001 to 2018 and those Regulations should therefore be consulted prior to submission of any application.

September 2018

ADDENDUM 1

PLANNING DRAWING REGISTER

**6129 Proposed Firlough Wind Farm at Bunnyconnellan, Co. Mayo
&
Proposed Hydrogen Plant at Castleconnor, Co. Sligo.**



Schedule of Planning Drawings

| Dwg. No. | Drawing Title | Figure No. | Scale | Sheet Size |
|-----------------|--|-------------------|--------------|-------------------|
| | Site Location Maps | | | |
| 6129-PL-001 | Site Location Map - Discovery Series | - | 1:30,000 | A3 |
| 6129-PL-002 | Site Location Map - Vector Mapping | - | 1:30,000 | A3 |
| 6129-PL-010 | Site Location Map - Sheet 1 of 13 | - | 1:5,000 | A3 |
| 6129-PL-011 | Site Location Map - Sheet 2 of 13 | - | 1:5,000 | A3 |
| 6129-PL-012 | Site Location Map - Sheet 3 of 13 | - | 1:5,000 | A3 |
| 6129-PL-013 | Site Location Map - Sheet 4 of 13 | - | 1:5,000 | A3 |
| 6129-PL-014 | Site Location Map - Sheet 5 of 13 | - | 1:5,000 | A3 |
| 6129-PL-015 | Site Location Map - Sheet 6 of 13 | - | 1:5,000 | A3 |
| 6129-PL-016 | Site Location Map - Sheet 7 of 13 | - | 1:5,000 | A3 |
| 6129-PL-017 | Site Location Map - Sheet 8 of 13 | - | 1:5,000 | A3 |
| 6129-PL-018 | Site Location Map - Sheet 9 of 13 | - | 1:5,000 | A3 |
| 6129-PL-019 | Site Location Map - Sheet 10 of 13 | - | 1:5,000 | A3 |
| 6129-PL-020 | Site Location Map - Sheet 11 of 13 | - | 1:5,000 | A3 |
| 6129-PL-021 | Site Location Map - Sheet 12 of 13 | - | 1:5,000 | A3 |
| 6129-PL-022 | Site Location Map - Sheet 13 of 13 | - | 1:5,000 | A3 |
| 6129-PL-050 | Site Location Map - Galway Turbine Delivery Route - Discovery Series | - | 1:10,000 | A3 |
| 6129-PL-051 | Site Location Map - Galway Turbine Delivery Route - Vector Series | - | 1:10,000 | A3 |
| 6129-PL-052 | Site Location Map - Galway Turbine Delivery Route - Sheet 1 of 2 | - | 1:2,500 | A3 |
| 6129-PL-053 | Site Location Map - Galway Turbine Delivery Route - Sheet 2 of 2 | - | 1:2,500 | A3 |
| | Wind Farm Site Layout Plans | | | |
| 6129-PL-100 | Wind Farm Site Layout Keyplan | - | 1:10,000 | A3 |
| 6129-PL-101 | Wind Farm Site Layout Plan - Sheet 1 of 12 | - | 1:2,500 | A3 |
| 6129-PL-102 | Wind Farm Site Layout Plan - Sheet 2 of 12 | - | 1:2,500 | A3 |
| 6129-PL-103 | Wind Farm Site Layout Plan - Sheet 3 of 12 | - | 1:2,500 | A3 |
| 6129-PL-104 | Wind Farm Site Layout Plan - Sheet 4 of 12 | - | 1:2,500 | A3 |
| 6129-PL-105 | Wind Farm Site Layout Plan - Sheet 5 of 12 | - | 1:2,500 | A3 |
| 6129-PL-106 | Wind Farm Site Layout Plan - Sheet 6 of 12 | - | 1:2,500 | A3 |
| 6129-PL-107 | Wind Farm Site Layout Plan - Sheet 7 of 12 | - | 1:2,500 | A3 |
| 6129-PL-108 | Wind Farm Site Layout Plan - Sheet 8 of 12 | - | 1:2,500 | A3 |
| 6129-PL-109 | Wind Farm Site Layout Plan - Sheet 9 of 12 | - | 1:2,500 | A3 |
| 6129-PL-110 | Wind Farm Site Layout Plan - Sheet 10 of 12 | - | 1:2,500 | A3 |
| 6129-PL-111 | Wind Farm Site Layout Plan - Sheet 11 of 12 | - | 1:2,500 | A3 |
| 6129-PL-112 | Wind Farm Site Layout Plan - Sheet 12 of 12 | - | 1:2,500 | A3 |
| 6129-PL-113 | Wind Farm Site Entrance - Junction Visibility | - | 1:1000 | A3 |

| Dwg. No. | Drawing Title | Figure No. | Scale | Sheet Size |
|-------------|---|------------|---------------------|------------|
| | Hydrogen Plant Site Layout Plans | | | |
| 6129-PL-120 | Hydrogen Plant Site Layout Keyplan | - | 1:5,000 | A3 |
| 6129-PL-121 | Hydrogen Plant Site Layout Plan - Sheet 1 of 3 | 3.8 | 1:1,000 | A3 |
| 6129-PL-122 | Hydrogen Plant Site Layout Plan - Sheet 2 of 3 | - | 1:1,000 | A3 |
| 6129-PL-123 | Hydrogen Plant Site Layout Plan - Sheet 3 of 3 | - | 1:1,000 | A3 |
| | Turbine Delivery Route | | | |
| 6129-PL-250 | Turbine Delivery Route - Index Map | - | 1:12,500 & 1:25,000 | A3 |
| 6129-PL-251 | Turbine Delivery Route - Sheet 1 of 10 | - | 1:2,500 | A3 |
| 6129-PL-252 | Turbine Delivery Route - Sheet 2 of 10 | - | 1:2,500 | A3 |
| 6129-PL-253 | Turbine Delivery Route - Sheet 3 of 10 | - | 1:2,500 | A3 |
| 6129-PL-254 | Turbine Delivery Route - Sheet 4 of 10 | - | 1:2,500 | A3 |
| 6129-PL-255 | Turbine Delivery Route - Sheet 5 of 10 | - | 1:2,500 | A3 |
| 6129-PL-256 | Turbine Delivery Route - Sheet 6 of 10 | - | 1:2,500 | A3 |
| 6129-PL-257 | Turbine Delivery Route - Sheet 7 of 10 | - | 1:2,500 | A3 |
| 6129-PL-258 | Turbine Delivery Route - Sheet 8 of 10 | - | 1:2,500 | A3 |
| 6129-PL-259 | Turbine Delivery Route - Sheet 9 of 10 | - | 1:2,500 | A3 |
| 6129-PL-260 | Turbine Delivery Route - Sheet 10 of 10 | - | 1:2,500 | A3 |
| | Drainage Details | | | |
| 6129-PL-301 | Drainage Details Sheet 1 of 4 | 2.11 | 1:25 | A3 |
| 6129-PL-302 | Drainage Details Sheet 2 of 4 | 2.12 | 1:50 & 1:100 | A3 |
| 6129-PL-303 | Drainage Details Sheet 3 of 4 | 2.13 | 1:50 | A3 |
| 6129-PL-304 | Drainage Details Sheet 4 of 4 | 2.14 | 1:50 | A3 |
| 6129-PL-305 | Proposed Water Course Crossing WC1 | - | 1:200 & 1:20,000 | A3 |
| 6129-PL-306 | Formed Headwall Details | - | 1:25 | A3 |
| | Site Access Tracks Construction Details | | | |
| 6129-PL-401 | Road Construction Details Sheet 1 of 3 | 2.7(a) | 1:50 | A3 |
| 6129-PL-402 | Road Construction Details Sheet 2 of 3 | 2.7(b) | 1:50 | A3 |
| 6129-PL-403 | Road Construction Details Sheet 3 of 3 | 2.8 | 1:25 | A3 |
| | Passing Bay | | | |
| 6129-PL-420 | Passing Bay - Road Section | - | 1:20 & 1:25 | A3 |
| | Hardstand Details | | | |
| 6129-PL-601 | Crane Hardstand Layout Plan | 2.5 | 1:1,000 | A3 |
| | WTG Foundations | | | |
| 6129-PL-701 | Turbine Foundation Details 22.0m Diameter Base | - | 1:100 & 1:200 | A3 |
| 6129-PL-702 | Turbine Foundation Details 25.5m Diameter Base | - | 1:100 & 1:200 | A3 |
| 6129-PL-703 | Candidate Turbine Dimensional Considerations Elevations | 2.4 | 1:1,000 | A3 |
| | Miscellaneous Details | | | |
| 6129-PL-801 | Temporary Wheel Wash System | - | 1:100 | A3 |
| 6129-PL-802 | Wind Farm Site Temporary Construction Compound | - | 1:100 & 1:200 | A3 |

| Dwg. No. | Drawing Title | Figure No. | Scale | Sheet Size |
|--------------|---|------------|----------------|------------|
| 6129-PL-803 | Hydrogen Plant Site Temporary Construction Compound | - | 1:100 & 1:200 | A3 |
| 6129-PL-804 | Hydrogen Plan - Water Storage Tanks | - | 1:150 & 1:250 | A3 |
| 6129-PL-805 | Palisade Fence Details - Sheet 1 of 2 | - | 1:50 | A3 |
| 6129-PL-806 | Palisade Fence Details - Sheet 2 of 2 | - | 1:25 | A3 |
| | Grid Connection | | | |
| 05806-DR-200 | Overall Site Location Map | - | 1:10,000 | A1 |
| 05806-DR-203 | Sections View Final Configuration | - | 1:100 & 1:250 | A1 |
| 05806-DR-204 | End Mast Details | - | 1:150 | A3 |
| 05806-DR-211 | Site Layout Plan (Sh 1 of 6) | - | 1:2,500 | A1 |
| 05806-DR-212 | Site Layout Plan (Sh 2 of 6) | - | 1:2,500 | A1 |
| 05806-DR-213 | Site Layout Plan (Sh 3 of 6) | - | 1:2,500 | A1 |
| 05806-DR-214 | Site Layout Plan (Sh 4 of 6) | - | 1:2,500 | A1 |
| 05806-DR-215 | Site Layout Plan (Sh 5 of 6) | - | 1:2,500 | A1 |
| 05806-DR-216 | Site Layout Plan (Sh 6 of 6) | - | 1:2,500 | A1 |
| 05806-DR-222 | Double Circuit Through Regional_Local Rd | - | 1:10 | A1 |
| 05806-DR-223 | Double Circuit Through Off Rd | - | 1:10 | A3 |
| 05806-DR-224 | Double Circuit Through Forestry Rd | - | 1:10 | A3 |
| 05806-DR-225 | Double Circuit in Flat Formation | - | 1:20 | A3 |
| 05806-DR-226 | Double Circuit Trench Ditch Crossing | - | 1:25 & 1:50 | A2 |
| 05806-DR-227 | Double Trench HDD crossing details | - | 1:50 & 1:200 | A3 |
| 05806-DR-228 | Double Circuit Service Overcrossing | - | 1:20 & 1:50 | A1 |
| 05806-DR-229 | Double Circuit Service Undercrossing | - | 1:20 & 1:50 | A1 |
| 05806-DR-230 | Double Circuit Watermain Overcrossing | - | 1:50 | A1 |
| 05806-DR-231 | Double Circuit Watermain Undercrossing | - | 1:50 | A1 |
| 05806-DR-232 | Substation Layout Plan (Windfarm) | - | 1:500 | A1 |
| 05806-DR-233 | Substation Compound Elevations (Windfarm) | - | 1:250 | A1 |
| 05806-DR-234 | IPP Switchroom Elevation (Windfarm) | - | 1:50 & 1:75 | A1 |
| 05806-DR-235 | Control Building Elevations (Windfarm) | - | 1:50 & 1:100 | A1 |
| 05806-DR-236 | Lightning Monopole | - | 1:25 & 1:50 | A2 |
| 05806-DR-237 | Gate & Fencing Details | - | 1:25 | A2 |
| 05806-DR-239 | Bridge 1 Crossing Detail | - | 20:1 & 1:500 | A3 |
| 05806-DR-240 | Bridge 2 Crossing Detail | - | 20:1 & 1:500 | A3 |
| 05806-DR-241 | C2 Comms Chamber | - | 1:20 | A3 |
| 05806-DR-244 | 110kV Joint Bay Section Details | - | 1:25 & 1:50 | A2 |
| 05806-DR-245 | Earth Link Box | - | 1:20 | A3 |
| 05806-DR-246 | Transition Chamber | - | 1:20 | A3 |
| 05806-DR-248 | Bridge Crossing No.3 | - | 20:1 & 1:500 | A3 |
| 05806-DR-249 | Bridge Crossing No.4 | - | 20:1 & 1:1,000 | A3 |
| 05806-DR-250 | L-5137 Road Closure Diversion | - | 1:25,000 | A3 |

| Dwg. No. | Drawing Title | Figure No. | Scale | Sheet Size |
|-------------------|---|------------|--------------|------------|
| 05806-DR-251 | L-5136 Road Closure Diversion | - | 1:25,000 | A3 |
| 05806-DR-252 | L-1102 Road Closure Diversion | - | 1:25,000 | A3 |
| 05806-DR-253 | L-1102 Road Closure Diversion | - | 1:25,000 | A3 |
| 05806-DR-254 | Rainwater Harvesting Tank | - | 1:25 & 1:50 | A1 |
| 05806-DR-255 | Substation Drainage Details | - | 1:25 & 1:50 | A2 |
| 05806-DR-256 | 21m Telecoms Pole | - | 1:100 | A3 |
| 05806-DR-257 | Access Track Compound details | - | 1:10 | A1 |
| 05806-DR-258 | Bridge Crossing No.5 | - | 20:1 & 1:500 | A3 |
| 05806-DR-259 | Triple 110kV Circuit in Local Roads | - | 1:10 | A1 |
| 05806-DR-260 | Substation Layout Plan (Hydrogen Plant) | - | 1:200 | A1 |
| 05806-DR-261 | Substation Elevations (Hydrogen Plant) | - | 1:250 | A1 |
| 05806-DR-262 | Substation Control Building (Hydrogen Plant) | - | 1:50 & 1:100 | A1 |
| 05806-DR-263 | IPP Building (Hydrogen Plant) | - | 1:50 | A1 |
| 05806-DR-264 | Triple Circuit Through Regional_Local Rd | - | 1:10 | A1 |
| 05806-DR-266 | Triple Circuit Service Undercrossing | - | 1:20 & 1:50 | A1 |
| 05806-DR-267 | Triple Circuit Watermain Undercrossing | - | 1:20 & 1:50 | A1 |
| 05806-DR-280 | Single Circuit thru Public Road | - | 1:10 | A3 |
| 05806-DR-281 | L-5136 Road Closure Diversion | - | 1:10,000 | A3 |
| 05806-DR-282 | L-1103 L-6612 L-66121 Road Closure Diversion | - | 1:25,000 | A3 |
| 05806-DR-283 | L-66121 Road Closure Diversion | - | 1:10,000 | A3 |
| 05806-DR-284 | Lightning Monopole (Hydrogen Plant) | - | 1:25 & 1:50 | A2 |
| 05806-DR-285 | Rainwater Harvesting Tank (Hydrogen Plant) | - | 1:25 & 1:50 | A1 |
| 05806-DR-286 | Compound Details (Hydrogen Plant) | - | 1:10 | A1 |
| 05806-DR-287 | Telecom Pole (Hydrogen Plant) | - | 1:100 | A3 |
| | Hydrogen Plant | | | |
| 410135-1000-G1000 | Firlough Green Hydrogen Facility Layout Plan - Sheet 1 of 2 | - | 1:1,000 | A1 |
| 410135-1000-G1001 | Firlough Green Hydrogen Facility Layout Plan - Sheet 2 of 2 | - | 1:500 | A1 |
| 410135-1000-G5000 | Firlough Green Hydrogen Facility Layout - Cross Sections | - | 1:500 | A1 |
| 410135-1000-G2000 | General Arrangement Electrolyzer Package | - | 1:250 | A1 |
| 410135-1000-A4000 | General Arrangement Electrolyzer Building Sections and Elevations | - | 1:250 | A1 |
| 410135-1000-A4001 | Floor Plan and Roof Plan of Water Treatment Building | - | 1:200 | A3 |
| 410135-1000-A4002 | General Arrangement Dispensing Station | - | 1:200 | A3 |
| 410135-1000-A4003 | Fin Fan Cooler Elevation and Plan | - | 1:200 | A3 |
| 410135-1000-A4004 | Plan and Elevations of Buffer Storage Tank, Office Block, Water Storage Tank and Welfare Facility | - | 1:200 | A3 |
| 410135-1000-A4005 | General Arrangement Electrolyzer Building Roof Plan | - | 1:250 | A1 |
| 410135-1000-A4006 | Plan and Elevations of Hydrogen Compressor Shed | - | 1:200 | A3 |
| 410135-1000-A4007 | Sections and Elevations of Water Treatment Building | - | 1:200 | A3 |
| 410135-1000-A4008 | Plan and Elevations of Pump House | - | 1:100 | A3 |
| 410135-1000-G3000 | Firlough Green Hydrogen Facility Utilities Layout | - | 1:500 | A1 |

| Dwg. No. | Drawing Title | Figure No. | Scale | Sheet Size |
|-------------------|--|------------|---------|------------|
| 410135-1000-G4000 | Firlough Green Hydrogen Facility Lighting Layout | - | 1:500 | A1 |
| 410135-1000-G4001 | Firlough Green Hydrogen Facility Lighting Layout - Typical Details | - | 1:1,000 | A3 |

ADDENDUM 2

DETAILS OF LEGAL OWNERS AND RELEVANT LEGAL INTEREST

An Bord Pleanála
64 Marlborough Street
Dublin 1
D01V902

21 June 2023

Our Ref: SD/EOC/DUF111.33

Your Ref:

Application for Planning Permission for a proposed Wind Farm Development at Carrowleagh Co. Mayo and Hydrogen Plant at Carraun Co. Sligo and all Associated Works including a grid connection and an interconnector ("the Application")

To whom it may concern,

We hereby confirm that Mercury Renewables (Carrowleagh) Limited, a company incorporated in Ireland (Company number 481940) whose registered office is at Coolcronan House, Coolcronan, Foxford, County Mayo has sufficient legal interest in the lands, the subject matter of the Application to make the Application as it holds option agreements on the lands as set out in Schedule 1 below.

Yours faithfully,

Beauchamps LLP

BEAUCHAMPS LLP

9126491.1

Schedule 1
Firlough Wind Farm and Hydrogen Plant – Schedule of Land Agreements

| Name | Address | OPTION GRANTED |
|--------------------------|--|--|
| Cristina Walsh | Carralavin, Bonniconlon, Ballina, Co. Mayo | Option for Wayleave |
| Ger Martin | Killea, Kiltyclogher, Co Leitrim | Option to Purchase |
| Ger Judge | Kilbride, Bonniconlon, Ballina, Co. Mayo | Option for Wayleave & Option to Purchase |
| John Reape | Kilbride, Bonniconlon, Ballina, Co. Mayo | Option to Purchase |
| Leo & Geraldine Mullaney | Cloonkeelane, Enniscrone, Co. Sligo | Option to Purchase |
| Michael Wright | Ballymoghenny, Enniscrone, Co. Sligo | Option to Purchase & Option for Wayleave |
| Michelle Lavelle | Cloonkeelaun, Enniscrone, Co. Sligo | Option for Wayleave |
| Padraig Brennan | Carraun, Corballa, Co. Sligo | Option to Purchase |
| John Reape | Kilbride, Bonniconlon, Ballina, Co. Mayo | Option for Lease agreement |
| Gerard Judge | Kilbride, Bonniconlon, Ballina, Co. Mayo | |
| Patrick Gillard | Gillard, Mountain View, Gillardstown, Bonniconlon, Ballina, Co. Mayo | |
| Gerard Murray | Glenree, Bonniconlon, Ballina, Co. Mayo | |
| Francis Irwin | Kilbride, Bonniconlon, Ballina, Co. Mayo | |
| John Duffy | Coolcronan House, Coolcronan, Foxford, Co. Mayo | |

Date: 30th day of JUNE 2023

An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

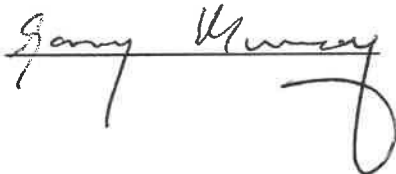
Re: Firlough Wind Farm ("the Project")

To whom it may concern,

I hereby give my irrevocable consent to the submission of a planning application made by or on behalf of Mercury Renewables (Carrowleagh) Limited which includes my lands (being part of Folios MY18920F, MY35770 & MY38198) for the purposes of habitat management as part of the Biodiversity Enhancement and Management Plan dated [] June 2023.

I consent to the implementation of the habitat management works on lands outlined in the Biodiversity Enhancement and Management Plan which are under my ownership. I confirm that I am the owner of the lands comprised in Folios MY18920F, MY35770 and MY38198 of the Register of Freeholders for County Mayo and as shown edged red on the attached plan.

Signed:

A handwritten signature in black ink, appearing to read "Gary Murray", written over a horizontal line.

An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

Re: Firlough Wind Farm, Carrowleagh, County Mayo.

Dear Sirs,

I, John Reape of Kilbride, Bonniconlon, Ballina County Mayo confirm that I am the registered owner of the property comprised within Folio MY46073 as shown on the attached plan.

I hereby confirm that I consent to the construction by Mercury Renewables (Carrowleagh) Limited ("MRCL") or its associated companies of the above proposed wind farm and to the submission by or on behalf of MRCL of any application for planning permission or permissions required for the above proposed wind farm insofar as same affect my above property.

I am aware that turbine T3 is proposed to be located at a distance of 725 metres from my property. I agree to this reduced setback and have no objection to the proposed wind energy development.

Yours sincerely,

Signed:

A handwritten signature in blue ink that reads "John Reape". The signature is written in a cursive style and is positioned above a solid horizontal line.

John Reape

Date: 30/06/2023



Comhairle Contae Mhaigh Eo
Mayo County Council



Ceantar Bardasach
Chlár Chlainne Mhuiris-Bhéal Átha na Muice
Claremorris-Swinford Municipal District

T: 094 9064800 F: 094 9362956

E: claremorrisao@mayococo.ie

W: www.mayo.ie

Oifig Ceantair Chlár Chlainne Mhuiris
Claremorris Area Office

Ár dTag./ Our Ref.

Do Thag./ Your Ref.

26th June 2023

An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

RE: Planning Application - Firlough Windfarm and Green Hydrogen Project.

Dear Sirs,

I refer to recent correspondence regarding the proposed Firlough Windfarm and Green Hydrogen Project. The legal advice received by Mayo County Council states that from hedge to hedge is part of the public road and is subject to a public right of way, therefore no additional permissions are required other than the proposed planning permission.

Therefore, Mayo County Council confirms that it has no objection to the inclusion of the lands on the attached maps in this application in respect of the proposed works on the turbine delivery route.

Yours sincerely,

Head of Municipal District

FOLIO

MY62091F

Works required:

Road widening

Street furniture removal

Tree pruning

Land Registry Compliant Map

Computer Generated



N 800566m

E 548062m

ITM CENTRE PT. CO-ORDS

E 547905m, N 800451m

MAP SHEETS

Digital Map 1792
Published Scale: 1:1,000

DESCRIPTION

Map Produced by:
Jennings O'Donovan & Partners Limited

Signed:

Date: 10th May 2023

FOLIO REFERENCE:

MY62091F
MAYO COUNTY COUNCIL
ÁRAS AN CHONTAE
THE MALL
CASTLEBAR
COUNTY MAYO.

Legend :

= FOLIO

= EASEMENT

Easement Area = 295m² or thereabouts.



Jennings O'Donovan & Partners Limited.
Consulting Engineers
Finisklin Business Park, Sligo, Ireland.
Tel:+353719161416
Email: info@jodireland.com
Web:www.jodireland.com



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NORTH

SPA_G to B sheet 7



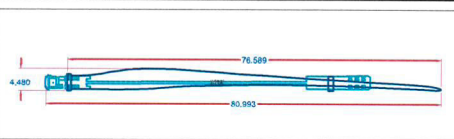
E 547748m

N 800335m

Scale:- 1:1,000
Scala:- 1:1,000

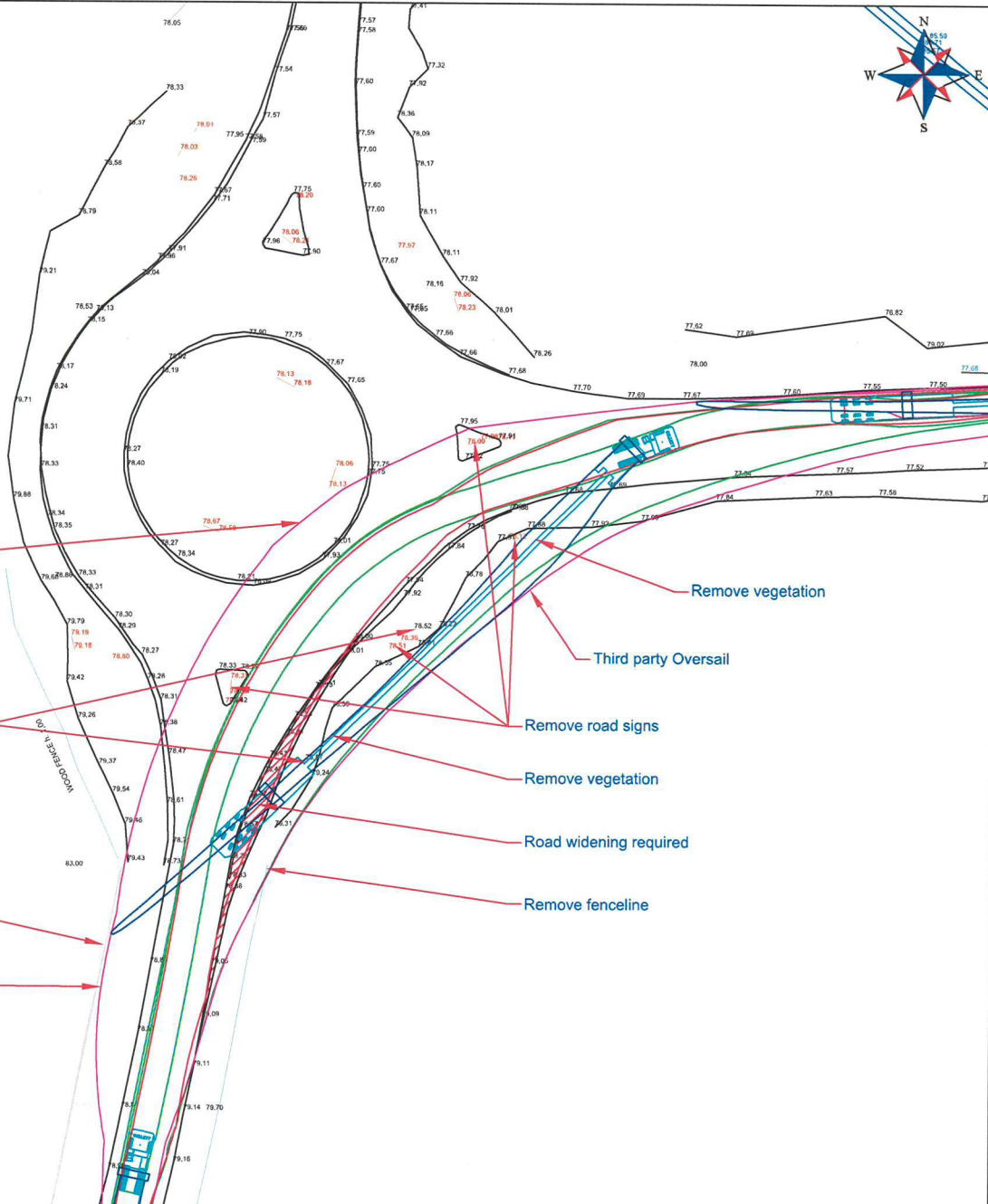


Plot Ref. No. 6129_EA_7.1
Plot Date: 10th May 2023



Swept Path indicates trailer utilising MANUAL steering

Siemens
SG155 Turbine Blade Component
Super Wing Carrier trailer



Contraflow this roundabout to take the 2nd exit towards the N5.

- **Caution****
- The loaded blade is required to contraflow this roundabout in order to navigate successfully.
 - Third party land is required on the offside as the blade oversails.
 - Road widening is required as shown by the red hatching.
 - street furniture is required to be removed as indicated to allow the loaded blade to oversail.
 - Tree pruning is required on both the offside and nearside to allow the blade to oversail.

Irish Grid Reference: G 47956 00428

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other precincts raised, that may otherwise be restrictive
- The drawing has been produced from Topographical Survey Data provided by the client.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highway boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be substantiated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. These permits are at the discretion of the Local Authority (LA). Therefore, approval of these 'permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufacturers Transport Guidance Notes.
- The Turbine Manufacturers Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

| | | | | | |
|---------------------------|------------|---------|--|----------|--------------------|
| NAME | S.BUDGEN | TITLE | ROUNDBOUT ON N17 / N5 SOUTH OF CHARLESTOWN | | |
| DATE | 27/04/2023 | MAPPING | TOPOGRAPHICAL SURVEY | CUSTOMER | JENNINGS O'DONOVAN |
| SCALE | 1:500 | SIZE | A3 | SITE | FIRLOUGH WIND FARM |
| PINCH POINT IDENTIFIED BY | | CLIENT | | DWG. NO | 381311.260A1.1 |

FOLIO

MY65783F

Works required:

Road widening

2 lamp posts are to be removed

Road sign to be removed

Tree pruning

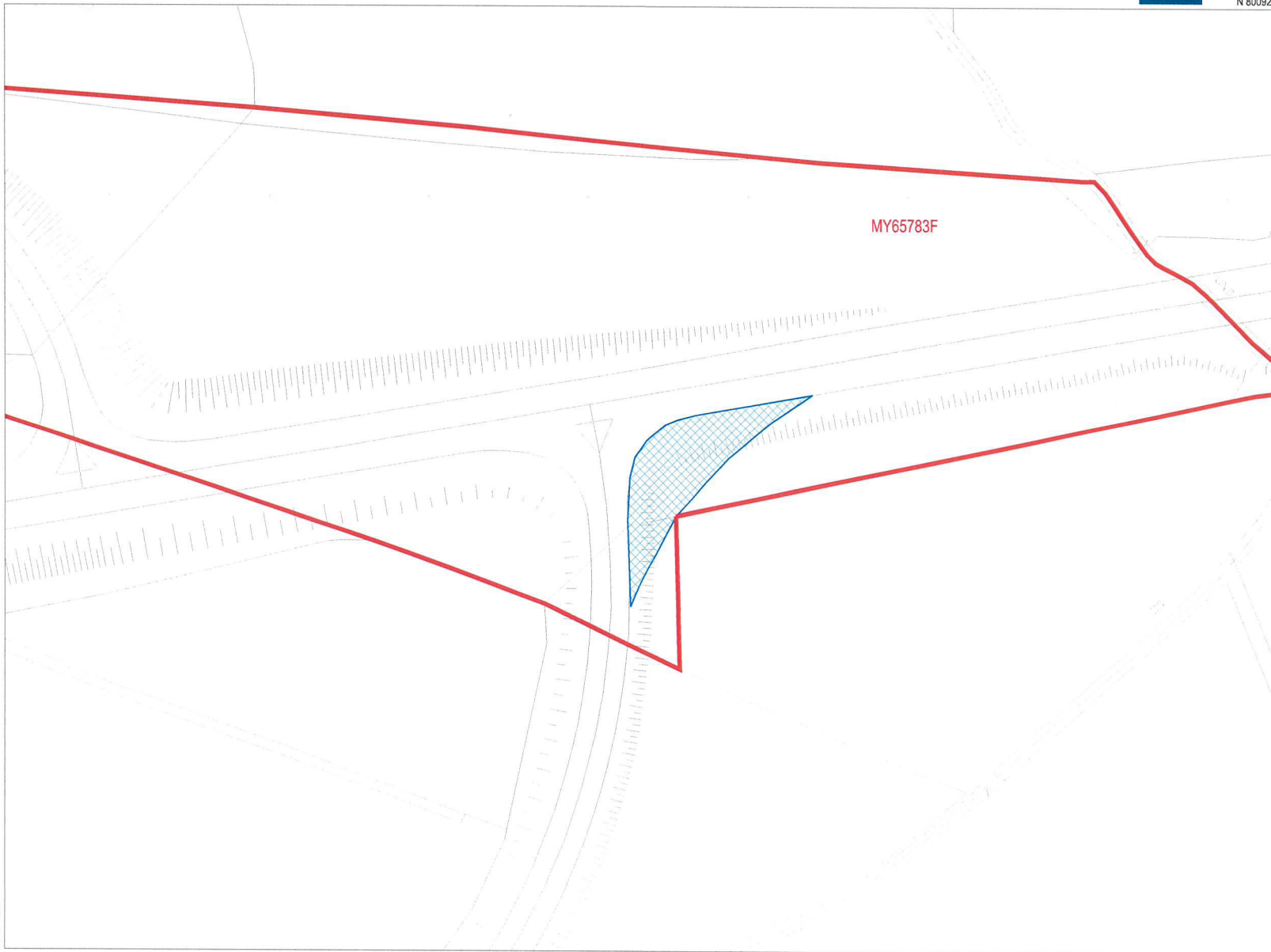
Land Registry Compliant Map

Computer Generated



N 800925m

E 548555m



ITM CENTRE PT. CO-ORDS

E 548398m, N 800809m

MAP SHEETS

Digital Map 1793-C
Published Scale: 1:1,000

DESCRIPTION

Map Produced by:
Jennings O'Donovan & Partners Limited

Signed:

Date: 10th May 2023

FOLIO REFERENCE:
MY65783F
MAYO COUNTY COUNCIL
ÁRAS AN CHONTAE
THE MALL
CASTLEBAR
COUNTY MAYO.

Legend:

= FOLIO

= EASEMENT

Easement Area = 700m² or thereabouts.



Jennings O'Donovan & Partners Limited.
Consulting Engineers
Finisklin Business Park, Sligo, Ireland.
Tel: +353719161416
Email: info@jodireland.com
Web: www.jodireland.com



National Mapping Agency

Ordnance Survey Ireland
Licence No. CYAL50313915
© Ordnance Survey Ireland/
Government of Ireland

E 548241m

N 800694m

Scale: 1:1,000
Scála: 1:1,000

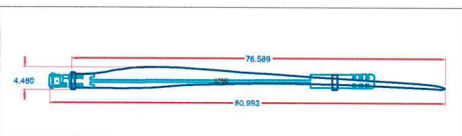


Plot Ref. No. 6129_EA_8
Plot Date: 10th May 2023



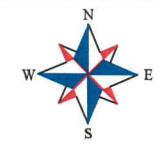
NORTH

SPA_G to B sheet 8



Swept Path indicates trailer utilising MANUAL steering

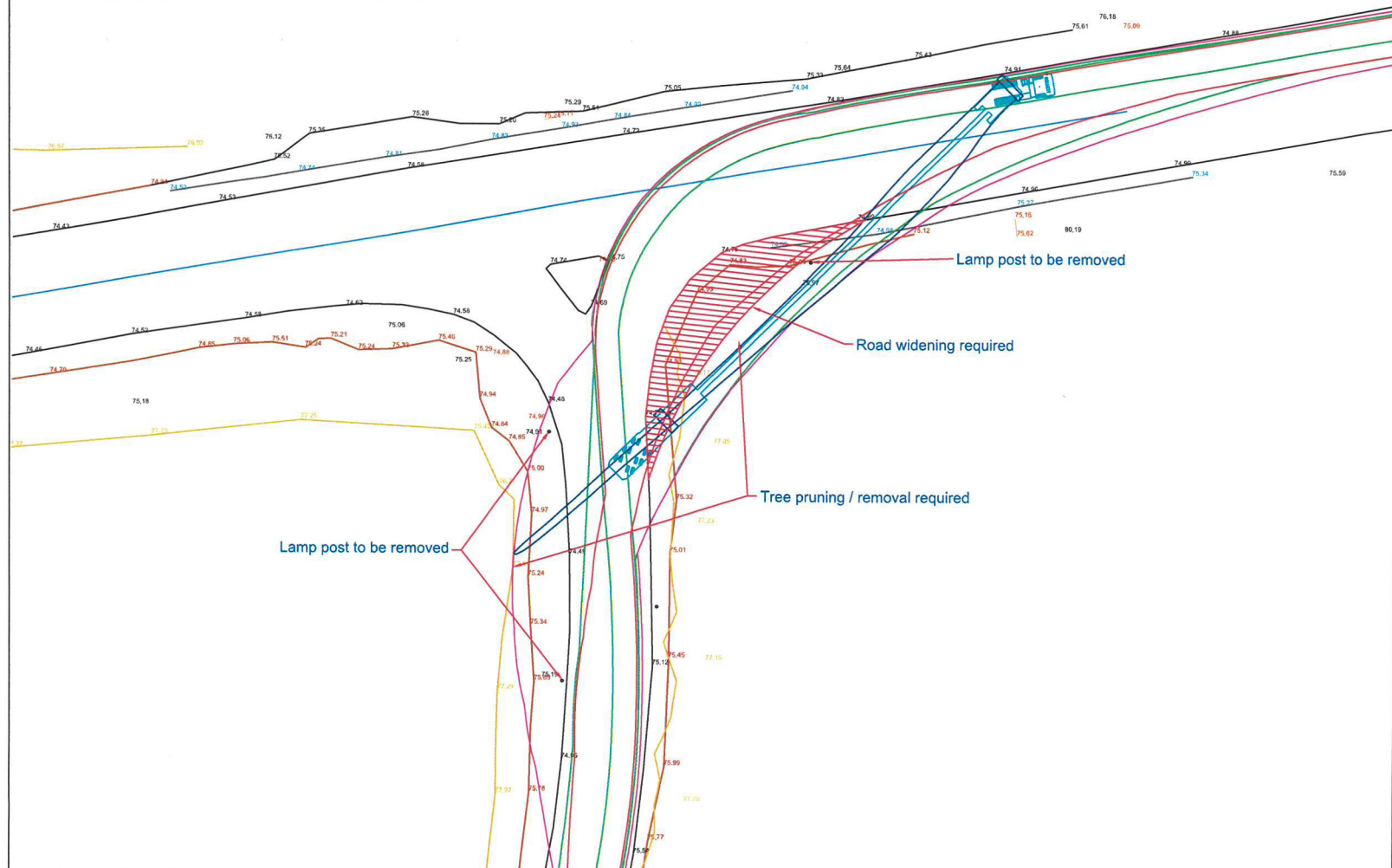
Siemens
SG155 Turbine Blade Component
Super Wing Carrier trailer



Turn right at this junction to join the N5.

****Caution****

- Road widening is required on the nearside of the junction indicated by the red hatching.
- The 2 lamp posts on the nearside and 1 on the offside are required to be removed to allow blade projections to oversail.
- The road sign on the offside is required to be removed as shown.
- Tree pruning is required on both sides of the road as shown.



Irish Grid Reference: G 48428 00801

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other pretexts raised, that may otherwise be restrictive.
- The drawing has been produced from Topographical Survey Data provided by the client.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. These permits are at the discretion of the Local Authority (L.A). Therefore, approval of these 'permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufacturers Transport Guidance Notes.
- The Turbine Manufacturers Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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| | | | | |
|-------|------------|---------------------------|---|-------------------------|
| NAME | S.BUDGEN | TITLE | CONNECTING ROAD JUNCTION WITH N5 SOUTH OF CHARLESTOWN | |
| DATE | 27/04/2023 | MAPPING | TOPOGRAPHICAL SURVEY | CUSTOMER |
| SCALE | 1:500 | PINCH POINT IDENTIFIED BY | CLIENT | SITE |
| SIZE | A3 | | | FIRLOUGH WIND FARM |
| | | | | DWG. NO 381311.270A.1.1 |
| | | | | JENNINGS O'DONOVAN |

FOLIO

MY5655F

Works required:

Raised embankment to excavated

Tree removal

Land Registry Compliant Map

Computer Generated



N 801106m

E 549886m

ITM CENTRE PT. CO-ORDS

E 549729m, N 800990m

MAP SHEETS

Digital Map 1793-A, 1732
Published Scale: 1:1,000

DESCRIPTION

Map Produced by:
Jennings O'Donovan & Partners Limited

Signed:

Date: 10th May 2023

FOLIO REFERENCE:

MY56554F
MAYO COUNTY COUNCIL
ÁRAS AN CHONTAE
THE MALL
CASTLEBAR
COUNTY MAYO.

Legend:

= FOLIO

= EASEMENT

Easement Area = 875m² or thereabouts.



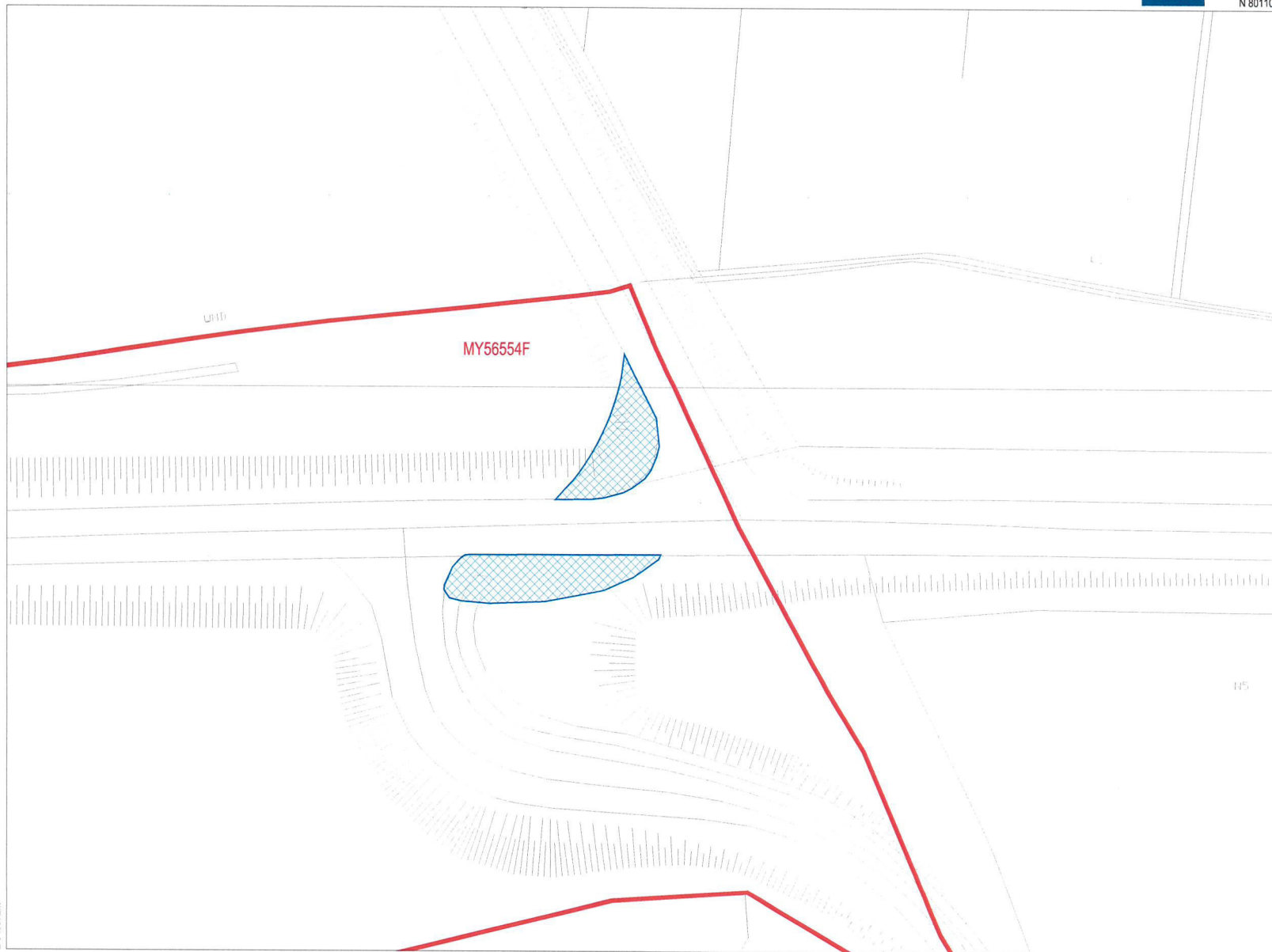
Jennings O'Donovan & Partners Limited.
Consulting Engineers
Finisklin Business Park, Sligo, Ireland.
Tel:+353719161416
Email: info@jodireland.com
Web:www.jodireland.com



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Government of Ireland



NORTH SPA_G to B sheet 9



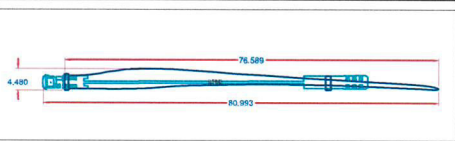
E 549572m

N 800874m

Scale:- 1:1,000
Scala:- 1:1,000

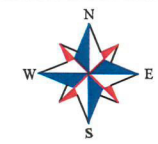


Plot Ref. No. 6129_EA_9
Plot Date: 10th May 2023



Swept Path indicates trailer utilising MANUAL steering

Siemens
SG155 Turbine Blade Component
Super Wing Carrier trailer



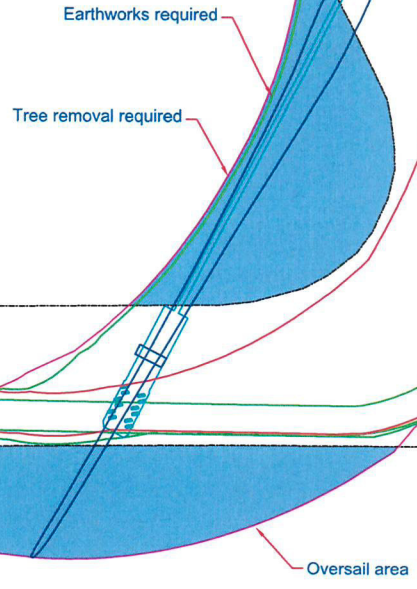
Turn left at the junction towards the L1331.

****Caution****

- The raised embankment on the nearside of the junction is required to be excavated to allow the trailer body and loaded blade to navigate.
- Tree removal is required on the nearside as indicated.
- The rear projection will oversail the land to the south of the junction when navigating.

Irish Grid Reference: G 49789 00968

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other pretexts raised, that may otherwise be restrictive.
- The drawing has been produced from Topographical Survey Data provided by the client.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
- Turbine delivery vehicles can be both left and right hand drive vehicles, therefore due to drivers perception it must be assumed that every vehicle will not follow the exact same line and so a margin of additional space should be allowed for.
- Land take is usually referred to when land is required from Private Land Owners; road widening is usually referred to when land is required within highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be authenticated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. These permits are at the discretion of the Local Authority (LA). Therefore, approval of these 'permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specification contained in the Turbine Manufactures Transport Guidance Notes.
- The Turbine Manufactures Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters



- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



COLLETT & SONS LIMITED
Victoria Terminal TEL: +44(0)8456 255288
Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

| | | | | | |
|-------|------------|---------|---|---------------------------|-----------------------|
| NAME | S.BUDGEN | TITLE | N5 JUNCTION WITH UNNAMED ROAD TOWARDS L1331 | | |
| DATE | 27/04/2023 | MAPPING | ORDNANCE SURVEY <small>Adjusted</small> | CUSTOMER | JENNINGS O'DONOVAN |
| SCALE | 1:500 | SIZE | A3 | PINCH POINT IDENTIFIED BY | CLIENT |
| | | | SITE | FIRLOUGH WIND FARM | DWG. NO381311.280A1.1 |

FOLIO

MY67565F

Works required:

Sign posts to be removed

Telegraph pole is to be removed

Tree pruning

Land Registry Compliant Map

Computer Generated



N 801570m

E 549700m



ITM CENTRE PT. CO-ORDS

E 549543m, N 801454m

MAP SHEETS

Digital Map 1732
Published Scale: 1:1,000

DESCRIPTION

Map Produced by:
Jennings O'Donovan & Partners Limited

Signed: *[Signature]*

Date: 31st May 2023

FOLIO REFERENCE:
MY67565F
MAYO COUNTY COUNCIL
ÁRAS AN CHONTAE
THE MALL
CASTLEBAR
COUNTY MAYO.

Legend :

= FOLIO

= EASEMENT

Easement Area = 1,000m² or thereabouts.



Jennings O'Donovan & Partners Limited,
Consulting Engineers
Finisklin Business Park, Sligo, Ireland.
Tel:+353719161416
Email: info@jodireland.com
Web:www.jodireland.com



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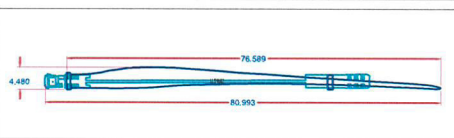
Scale:- 1:1,000
Scale:- 1:1,000



Plot Ref. No. 6129_EA_10
Plot Date: 31st May 2023



NORTH SPA_G to B sheet 10



Swept Path indicates trailer utilising MANUAL steering

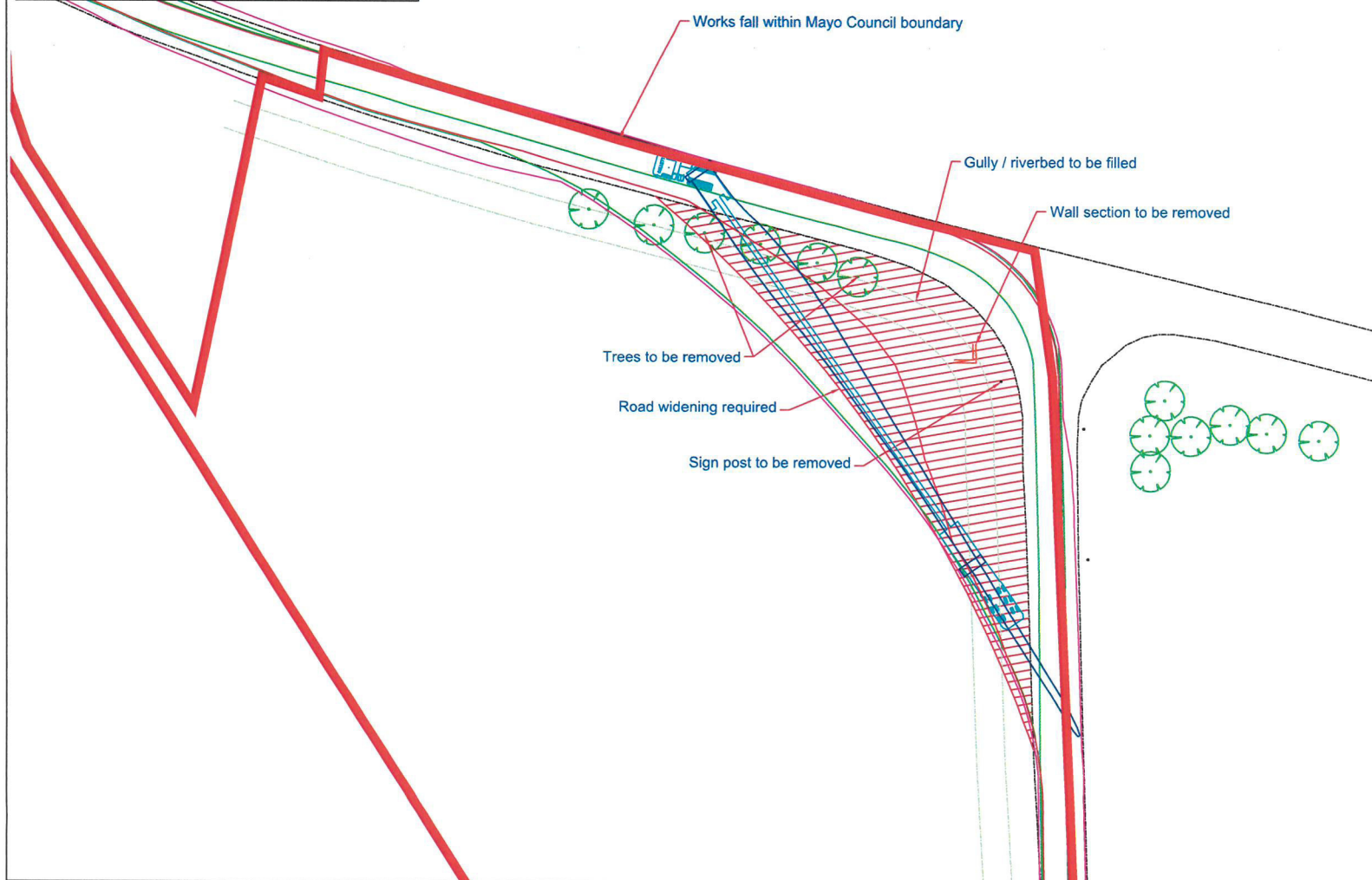
Siemens
SG155 Turbine Blade Component
Super Wing Carrier trailer



Turn left at the junction onto the L1331.

****Caution****

- The sign posts on both sides of the junction are required to be removed due to blade oversail.
- The telegraph pole on the offside is required to be removed as shown.
- Tree pruning is required on both sides of the junction as indicated to allow for blade oversail.



Irish Grid Reference: G 49597 01483

- The swept path analysis provided is produced from a purely transport orientated view, and does not consider any political issues in terms of land ownership, or any other pretexts raised, that may otherwise be restrictive.
- The drawing has been produced from Topographical Survey Data provided by the client.
- All swept path diagrams and assessments are made and calculated for the road movement of loaded trailer equipment carrying Turbine components. These dimensions are based on the turning circles and specification of Collett & Sons Ltd trailer equipment.
- This SPA is a means of providing evidence of minimum requirements of any one vehicle as a footprint and there is no safety factor or margin included.
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- Land take is usually referred to when land is required within Highways boundaries. The boundaries between private land and highways property are assumed by using obvious demarcation such as fence lines/hedges etc. It should be noted that actual boundaries between highways and private land are not substantiated in this report and can only be substantiated by carrying out land searches.
- Police escorts and permits will be required for the movement of all of the components. These permits are at the discretion of the Local Authority (LA). Therefore, approval of these 'permits for movements' by the LA are a major consideration before the physical capability to deliver these components are undertaken.
- In critical areas, where modifications are required, the road construction must be formed to the minimum specifications contained in the Turbine Manufacturers Transport Guidance Notes.
- The Turbine Manufacturers Transport Guidance Notes will state the minimum road width required for the transport of components. Any roads below this stated width will require widening to reflect this regardless of any swept path analysis not indicating modifications.
- The information is privileged and confidential and is for the exclusive use of the nominated client.
- All dimensions in meters

- Area within red outline will be swept by tractor and trailer axles
- ▨ Hatched area within red outline to be levelled and prepared to accept axle loadings
- Area within magenta outline will be oversailed by load and projections
- Area within green outline will be oversailed by trailer body



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Albert Road FAX: +44(0)8456 255244
Halifax, HX2 0DF WEB: www.collett.co.uk

| | | | | | |
|-------|------------|---------|---|---------------------------|---|
| NAME | S.BUDGEN | TITLE | UNNAMED ROAD JUNCTION WITH L1331 | | |
| DATE | 27/04/2023 | MAPPING | ORDNANCE SURVEY <small>Adjusted</small> | CUSTOMER | JENNINGS O'DONOVAN |
| SCALE | 1:500 | SIZE | A3 | PINCH POINT IDENTIFIED BY | CLIENT |
| | | | | SITE | FIRLOUGH WIND FARM <small>DWG. NO381311.290A1.1</small> |

ADDENDUM 3

STATUTORY UNDERTAKER LETTER

Coolcronan House,
Coolcronan,
Foxford,
Co. Mayo
F26 AK68

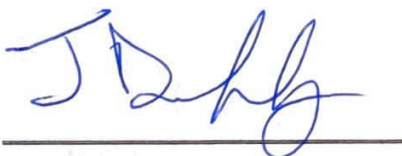
An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

Date: 11th June 2023

Dear Sir/Madam

We, Mercury Renewables (Carrowleagh) Limited, wish to confirm that part of the proposed development that is the subject of this application (ie. the 110kV cable under a public road) will be undertaken by a statutory undertaker having a right or interest to provide services in connection with the proposed development.

Signature



John Duffy

Director of Mercury Renewables (Carrowleagh) Limited

ADDENDUM 4

PRE-APPLICATION CONSULTATION DETAILS

Consultation with An Bord Pleanála

1.0 CONSULTATION WITH AN BORD PLEANÁLA

Pre-application consultation meetings were held with An Bord Pleanála via web conference on the 15th of September 2020, the 26th of January 2022, the 6th of April 2022 and the 14th of July 2022. The purpose of the meetings was to introduce the Firlough Wind Farm and Hydrogen Plant development to An Bord Pleanála in order to provide them with the necessary information to enable it to decide on the Strategic Infrastructure Development status of the project. The meetings were attended by the Applicant and representatives from Jennings O'Donovan & Partners Limited. The meeting discussion was centred around the following key points:

- Introduction to the Project Team
- Background to the Firlough Wind Farm & Hydrogen Plant Project
- Project Proposals
- Legislative and Planning Policy Context
- Public Consultation
- Project Scoping
- EIA Studies
- Key Environmental Considerations
- Project Deliverables and Timelines

At the meetings, the Board detailed the pre-application consultation process. A presentation was given providing information on the sites and the proposed development. The Board provided some guidance on key topics to be included in the EIAR and some points that they wanted to see addressed therein.

The Board confirmed on the 3rd of November 2022 that the proposed development constitutes strategic infrastructure development and that a planning application should be made directly to the Board.

Other Statutory and Non-Statutory Consultation

2.0 CONSULTATION WITH STATUTORY AND NON-STATUTORY BODIES

EIAR Scoping Reports were prepared and submitted to relevant statutory and non-statutory bodies in November 2020 and in (either by email or post) for review and comment. The EIAR Scoping Report was accompanied by a cover letter introducing the proposed development and inviting comments or observations within a period of six weeks from the date of the letter. A copy of all the responses received from consultees are provided in **Appendix 1.1 (a) and (b) of the EIAR**.

The list of consultees and record of consultation is provided in **Table 1** and **Table 2**.

The Applicant and Jennings O'Donovan & Partners Limited met with the following on the dates below to discuss the scope of the application for planning permission:

- Pre-planning meeting with Mayo County Council: 13/01/2022 & 19/01/2023
- Pre-Planning meeting with Sligo County Council: 29/11/2022
- Pre-planning meeting with the Health & Safety Authority: 01/07/2022 & 21/03/2023
- Pre-Planning meeting with Sligo Fire Services: 08/09/2022
- Pre-planning meeting with the Environmental Protection Agency: 29/03/2023
- Public Information Days: 14/09/2022 & 15/09/2022

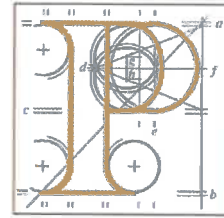
Details of the public consultation events relevant to the proposed development are included in the Pre-Application Community Consultation Report which is provided in **Appendix 1.3 of the EIAR**.

2.1 CONSULTATION WITH TELECOMMUNICATIONS PROVIDERS

An extensive consultation exercise was also carried out with telecommunications providers that may have services in the area which could have the potential to be impacted by the proposed wind farm development. The list of telecommunications consultees, feedback received, and design implications are discussed in **Chapter 13 of the EIAR**.

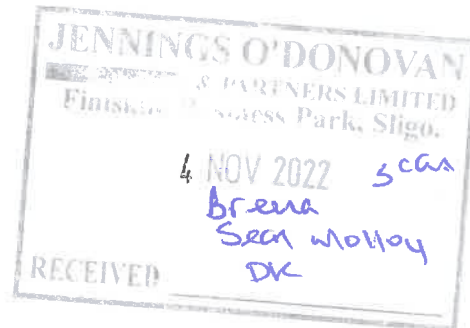
Our Case Number: ABP-307264-20

Your Reference: Mercury Renewable (Carrowleagh) Limited



**An
Bord
Pleanála**

Jennings O'Donovan & Partners Ltd
Finisklin Business Park
Sligo
Co. Sligo
F91 RHH9



Date: 03 November 2022

Re: Permission for the construction of up to 13 no. wind turbines, grid connection and all associated works
Firlough Windfarm, Bonniconlon, Co. Mayo

Dear Sir / Madam,

Please be advised that following consultations under section 37B of the Planning and Development Act, 2000 as amended, the Board hereby serves notice under section 37B(4)(a) that it is of the opinion that the proposed development falls within the scope of paragraphs 37A(2)(a) and (b) and (c) of the Act. Accordingly, the Board has decided that the proposed development would be strategic infrastructure within the meaning of section 37A of the Planning and Development Act, 2000, as amended. Any application for permission for the proposed development must therefore be made directly to An Bord Pleanála under section 37E of the Act.

Please also be informed that the Board considers that the pre-application consultation process in respect of this proposed development is now closed.

Attached is a list of prescribed bodies to be notified of the application for the proposed development.

In accordance with section 146(5) of the Planning and Development Act, 2000 as amended, the Board will make available for inspection and purchase at its offices the documents relating to the decision within 3 working days following its decision. This information is normally made available on the list of decided cases on the website on the Wednesday following the week in which the decision is made.

The attachment contains information in relation to challenges to the validity of a decision of An Bord Pleanála under the provisions of the Planning and Development Act, 2000, as amended.


| | | |
|--------------------|---------|------------------|
| Teil | Tel | (01) 858 8100 |
| Glaic Áitiúil | LoCall | 1890 275 175 |
| Facs | Fax | (01) 872 2684 |
| Láithreán Gréasáin | Website | www.pleanala.ie |
| Ríomhphost | Email | bord@pleanala.ie |

| | |
|----------------------|-----------------------|
| 64 Sráid Maoilbhríde | 64 Marlborough Street |
| Baile Átha Cliath 1 | Dublin 1 |
| D01 V902 | D01 V902 |

If you have any queries in relation to the matter please contact the undersigned officer of the Board.

Please quote the above mentioned An Bord Pleanála reference number in any correspondence or telephone contact with the Board.

Yours faithfully,


pp-Sarah Caulfield
Executive Officer
Direct Line: 01-8737287

PC09

| | | |
|--------------------|---------|--|
| Teil | Tel | (01) 858 8100 |
| Glaio Áitiúil | LoCall | 1890 275 175 |
| Facs | Fax | (01) 872 2684 |
| Láithreán Gréasáin | Website | www.pleanala.ie |
| Ríomhphost | Email | bord@pleanala.ie |

| | |
|----------------------|-----------------------|
| 64 Sráid Maoilbhríde | 64 Marlborough Street |
| Baile Átha Cliath 1 | Dublin 1 |
| D01 V902 | D01 V902 |

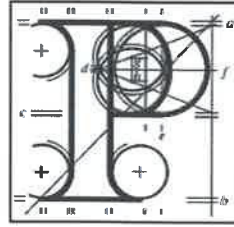
Note 1: Prescribed Bodies

The following is a schedule of prescribed bodies considered relevant for the purposes of Section 37E(3)(c) of the Act:

- Minister for Housing Local Government and Heritage
- Minister for the Environment, Climate Action and Communications.
- Mayo Co. Council
- Sligo Co. Council
- Irish Water
 - Inland Fisheries Ireland
 - Transport Infrastructure Ireland
 - Environmental Protection Agency
 - The Heritage Council
 - An Taisce
 - An Chomhairle Ealaíon
 - Fáilte Ireland
 - Irish Aviation Authority
 - Health and Safety Authority

Further notifications should also be made where deemed appropriate.

Note 2: The prospective applicant should be advised to submit a separate document (to the EIAR) with the planning application, which outlines the mitigation measures in the interest of convenience and ease of reference.



**An
Bord
Pleanála**

Judicial Review Notice

Judicial review of An Bord Pleanála decisions under the provisions of the Planning and Development Acts (as amended).

A person wishing to challenge the validity of a Board decision may do so by way of judicial review only. Sections 50, 50A and 50B of the Planning and Development Act 2000, as amended, contain provisions in relation to challenges to the validity of a decision of the Board.

The validity of a decision taken by the Board may only be questioned by making an application for judicial review under Order 84 of The Rules of the Superior Courts (S.I. No. 15 of 1986). Sub-section 50(6) of the Planning and Development Act 2000 requires that any application for leave to apply for judicial review must be made within 8 weeks of the date of the decision of the Board, save for decisions made pursuant to a function transferred to the Board under Part XIV of the Planning and Development Act 2000, where any application for leave to apply for judicial review must, as set out in sub-section 50(7), be made within 8 weeks beginning on the date on which notice of the decision of the Board was first sent (or as may be the requirement under the relevant enactment, functions under which are transferred to the Board, was first published). These time periods are subject to any extension which may be allowed by the High Court in accordance with sub-section 50(8).

Section 50A(3) states that leave for judicial review shall not be granted unless the Court is satisfied that (a) there are substantial grounds for contending that the decision is invalid or ought to be quashed and (b) the applicant has a sufficient interest in the matter which is the subject of the application or in cases involving environmental impact assessment is a body complying with specified criteria.

Section 50B contains provisions in relation to the costs of certain judicial review proceedings in the High Court; pursuant to Section 50B(1), Section 50B applies to the following proceedings:

- (a) proceedings in the High Court by way of judicial review, or of seeking leave to apply for judicial review, of—
 - (i) any decision or purported decision made or purportedly made,
 - (ii) any action taken or purportedly taken,

(iii) any failure to take any action, pursuant to a statutory provision that gives effect to

- (I) a provision of the EIA Directive 85/337/EEC as amended to which Article 10a (as inserted by Directive 2003/35/EC) of that Directive applies,
- (II) the SEA Directive 2001/42/EC, or
- (III) a provision of the IPPC Directive 2008/1/EC to which Article 16 of that Directive applies, or
- (IV) Article 6(3) or 6(4) of the Habitats Directive; or

(b) an appeal (including an appeal by way of case stated) to the Supreme Court from a decision of the High Court in a proceeding referred to in paragraph (a);

(c) proceedings in the High Court or the Supreme Court for interim or interlocutory relief in relation to a proceeding referred to in paragraph (a) or (b).

The general provision contained in section 50B(2) is that in proceedings to which the section applies each party shall bear its own costs. The Court however may award costs against any party in specified circumstances. There is also provision for the Court to award the costs of proceedings or a portion of such costs to an applicant, to the extent that the applicant succeeds in obtaining relief, against a respondent or notice party, or both, to the extent that the action or omission of the respondent or notice party contributed to the relief being obtained.

General information on judicial review procedures is contained on the following website, www.citizensinformation.ie.

Disclaimer: The above is intended for information purposes. It does not purport to be a legally binding interpretation of the relevant provisions and it would be advisable for persons contemplating legal action to seek legal advice.

Table 1: Scoping Responses Received on The Project First Round – Wind Farm Element only

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|--|--|--|
| The Planning Department Mayo County Council | <p>Email from Alan DiLucia 3 August, 2021. References the Renewable Energy Strategy for County Mayo. The area proposed for the Firlough Wind Farm is located within Tier 1 preferred locations for wind turbines. Therefore, in principle the location is considered acceptable.</p> <p>Landscape Appraisal Turbines should be located away from steep slopes, and higher ground and should harmonise visually with the existing and any proposed windfarm projects at this location.</p> <p>Environment Section</p> <p>1. Terrain and Ground Conditions Show and discuss the location of terrain and ground conditions including information on slopes, soil type, bedrock, depth to bedrock, depth to groundwater, depth of peat. Forestry proposals in the area, with regard to clear felling plans and afforestation plans for the area.</p> <p>2. Drainage Context Show and discuss the existing drainage on site relative to proposed development including roads, access tracks, turbines hard stand areas and grid connections. This shall include drainage associated with forestry and turf cutting.</p> <p>3. Hydrological Context Details of overall site management relative to water courses in the area. This should have regard to the requirements of the Water Framework Directive, and any relevant River Basin Management Plan. This should include impact of downstream water body status. Any references to the Western RBD in the scoping document have been superseded by the 2nd Cycle RBMP and the EIAR should reflect this. The development should have regard to any Priority Areas for Action and High-Status Objective water bodies in the area.</p> | <p>Terrain and Ground Conditions is assessed in; Chapter 8: Soils and Geology, Chapter 9: Hydrology and Hydrogeology Chapter 2: Project Description. Forestry is assessed in Chapter 13 Material Assets, Chapter 5 Terrestrial Ecology and in a separate Forestry Report Appendix 13.1 Drainage is assessed in Chapter 9: Hydrology and Hydrogeology Hydrological Context is assessed in Chapter 9: Hydrology and Hydrogeology Noise is assessed in Chapter 11 Noise Cumulative impacts are assessed in each chapter. Roads are assessed in Chapter 15 Traffic and Transport. Archaeology is assessed in Chapter 14 Cultural Heritage.</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <p>The hydrological context of the overall site should be set out, together with a delineation of individual sub catchments within the proposed development associated with each turbine, including slope, drainage and proximity to same. This should include the location and flow direction of all drains and streams on site. Pathways to water courses and drains should be clearly identified, mapped.</p> <p>Construction of the grid connection and proposed mitigation measures should be detailed due to its proximity of the Glenree River.</p> <p>Access track and road any associated water crossings and details of how these will be designed and constructed to reduce impacts on the receiving environment.</p> <p>Grid connection and any associated water crossings and details of how these will be designed and constructed to reduce impacts on the receiving environment.</p> <p>Establish baseline water quality conditions prior to works commencing on site.</p> <p>4. Noise impact assessment. Establish baseline noise conditions at notice sensitive receptors prior to works commencing on site. Submit a noise impact assessment for the proposed development.</p> <p>5. Cumulative Impacts Discuss and show the location of projects and activities considered for cumulative impact assessment. This should include a map showing the location of the following (but not exclusive to):</p> <ul style="list-style-type: none"> • Other windfarms in the area, • Quarries, • Flood Relief work (if any), • Cutover bogs • Tubary Plots • Substations | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|---|---|
| | <ul style="list-style-type: none"> • Grid connections <ol style="list-style-type: none"> 6. A Construction Environmental Management Plan should form part of the EIAR. 7. Provision should be made for the role of a Community Liaison Officer, to engage with communities before during and after construction of the proposed development. <p>Roads Department</p> <ol style="list-style-type: none"> 1. An assessment of the structural capacity of the local road network adjacent to the proposed windfarm site will need to be undertaken to determine its suitability / capacity to carry the construction traffic associated with the development. This will require Falling Weight Deflectometer (FWD) and Visual assessments. 2. Structural road pavement improvements identified in the FWD and Visual Surveys will be required in advance of any construction and again following completion, if required. 3. The proposal to construct the grid connection along the local road network is not acceptable as it has the potential to undermine the structural capacity of the roads concerned. A private wayleave should be secured. 4. Section 9.6 of the Scoping report suggests “There is unlikely to be a requirement for any significant additional strengthening and widening of the public road network along the haul route”. This may be the case for National and Regional Roads but would comprise of weak subgrades. The improvements identified must be undertaken in advance of any construction works commencing. 5. Any pavement damage caused by construction traffic / activities must be repaired to the satisfaction of Mayo County Council on and on-going basis <p>Archaeology</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|--|--|---|
| | <p>The first part of an Archaeological Assessment should consist of a site visit and desk top study undertaken by a suitability qualified archaeologist. On foot of this any or all of the following may be required:</p> <ul style="list-style-type: none"> • Geophysical and/or other non-invasive surveys • Licensed pre-development testing • Licensed archaeological excavation • Archaeological monitoring of ground works | |
| The Planning Department Sligo County Council | No response to first round of scoping | NA |
| Department of Housing Planning and Local Government | No response to first round of scoping | NA |
| An Taisce | No response to first round of scoping | NA |
| Development Applications Unit, National Parks & Wildlife Service | <p>Email from Diarmuid dated 25.2.2021 on general EIAR considerations, including guidance on the following topics construction methodology, Construction Management Plans, biodiversity, hydrology, water quality, peat stability and management of excavated peat, drainage, impact assessment, cumulative and ex-situ impacts, tree felling, ecological surveys, bird surveys, bats and bat surveys, impacts of the grid connection, constraints mapping, invasive alien species, appropriate assessment, AA/NIS, monitoring, and licences.</p> <p>Specifically in relation to the Development, the response notes attention should be given to;</p> <ul style="list-style-type: none"> • Peat Stability, surface water flow and potential for landslides due to upland bog location. | <p>Peat stability is assessed in; Chapter 8: Soils and Geology Chapter 9: Hydrology and Hydrogeology</p> <p>Chapter 2: Project Description – Peat extraction volumes, storage and disposal etc</p> <p>Chapter 6: Aquatic Ecology</p> <p>Chapter 7: Ornithology</p> <p>NIS companies this EIAR</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|-------------------------------------|--|--|
| | <p><i>“The Peat Stability Risk Assessment must be considered in light of these occurrences with consideration of climate change predictions (e.g. rainfall level) in the hazard rating and should thoroughly assess risk with regard to change in weather patterns due to climate change such as more frequent and intense storms and rainfall events, increased likelihood and magnitude of river flooding, prolonged periods of dry conditions which may increase the likelihood of unstable peat.”</i></p> <p>Details are requested of volumes of peat extraction, storage and disposal as well as guidance on peat restoration.</p> <ul style="list-style-type: none"> • Impacts on Freshwater Pearl Mussel • Birds; Target species for this site include Annex I (Birds Directive) species and Birds of Conservation Concern (BoCCI) such as Hen Harrier, Merlin, Greenland White-fronted Goose and Red Grouse. Other species of note include Buzzard. • Research highlighted on Bats in Upland Wind Farms • Meesia triquetra is located in Fiddandry Bog within the Ox Mountains SAC in close proximity to the application site. – Survey recommended • NIS is likely to be required for the site • Mayo Wind Energy Strategy and its associated appropriate assessment and SEA Environmental Report should be checked for any mitigation that applies in this type of situation | <p>Mayo Wind Energy Strategy is discussed in the Planning Statement submitted as a separate report as part of the planning application.</p> <p>Chapter 10: Air and Climate – assesses the potential climate change impacts on the site eg increased rainfall impact on peat stability.</p> |
| Inland Fisheries Ireland | No response to first round of scoping | NA |
| Irish Peatland Conservation Council | No response to first round of scoping | NA |
| Department of Agriculture | No response to first round of scoping | NA |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|--|---|--|
| Department of Transport, Tourism and Sport | No response to first round of scoping | NA |
| Environmental Protection Agency | No response to first round of scoping | NA |
| Fáilte Ireland | <p>Scoping response received 23/11/2020 and includes the following points:</p> <ul style="list-style-type: none"> Project descriptions are required to describe the location of the project, the physical characteristics of the whole project, the main characteristics of the operational phase of the project and an estimate, by type and quantity, of the expected residues and emissions. The location of the project should include identifying key sensitive receptors (including tourism receptors). In the operational phase of the project any tourism based, or potentially tourism related activity, should be identified. Detail the key considerations culminating in the selection of the design, the reasoning for these and the environmental effect of these decisions. The developer is expected to consider reasonable alternatives. What is considered reasonable may vary from case to case. Baseline assessments should identify any tourism sensitivities in the zone of influence of a development. This zone of influence of a development is highly dependant on its Context, Character, Significance, and Sensitivity, as outlined in the Draft Guidelines. These characteristics apply to both the development and the environment. Impact assessment should contain the likely significant effects of a development arising from both construction and operation of a development. Advice on describing the effects is contained within the Draft Guidelines and includes the quality, significance, extent, | <p>Chapter 2: Project Description Chapter 3: Alternatives Considered Chapter 4: Population and Human Health Chapter 5: Terrestrial Ecology Chapter 6: Aquatic Ecology Chapter 7: Ornithology Chapter 8: Soils and Geology Chapter 9: Hydrology and Hydrogeology Chapter 10: Air and Climate Chapter 11: Noise Chapter 12: Landscape and Visual Amenity Chapter 13: Material Assets and Other Issues Chapter 14: Cultural Heritage Chapter 15: Traffic and Transportation Chapter 16: Interactions of the Foregoing</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>probability, type and duration of the effect, with particular descriptors for each.</p> <p>Impact assessment should be carried out as per EPA guidelines and the best practice for that prescribed topic. It may be considered appropriate to consider impact on tourism assets under the 'material assets' topic below.</p> <ul style="list-style-type: none"> • The impact upon tourism can be considered within this section through the sensitivities of Hospitality, Safety and Pace of Life. Changes in population can impact the perception of pace of life or safety in a particular location. Impacts upon these issues in areas which rely heavily on tourism or have a particular sensitive tourism generator should be considered in this section. • The disturbance to ecology must be managed to minimise impact. Biodiversity is also a tourism asset and should be protected as such from other development and should be provided for in proposals where possible. • Negative impacts to Soils and Geology, Air and Climate, Water should be avoided • A link between tourism and this prescribed environmental factor, beyond the normal development impacts, is rare, however the impact upon tourism of issues of noise and vibration can be significant. Construction for example should consider the sensitivity of the development and ensure mitigation is in place. • The construction programme of developments should work to avoid peak tourism periods in tourism areas and should consider planned or anticipated tourism events and festivals. • Cultural heritage should be strongly considered in non-tourism developments and the impact upon tourism considered as a potential impact. | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <ul style="list-style-type: none"> • Waste and Waste disposal issues can also impact the perception of an unspoiled environment, effecting tourism, which should be considered. • Tourism could be considered a material asset as its impact upon the economy and the infrastructure in place to support it is a material consideration in assessing economic impact. • The visual impact of a tourism development, especially in locations which are visually sensitive or renowned for their scenic or landscape beauty, should be considered carefully. A development intended to utilise or enjoy a particular vista or environment should minimise impact upon that environment. <p>Major Accident and Natural Disaster There is a requirement for developments to describe expected significant effects on the environment of the proposed development's vulnerability to major accidents and/or natural disasters relevant to it. Where appropriate measures should be identified to prevent or mitigate the significant adverse effects of such accidents or disasters, including resulting from climate change, on the environment and detail the preparedness for the proposed response.</p> <p>Interaction of Effects Where two or more environmental impacts combine or interact they should be considered under the prescribed topics. It is best practice to provide a table of interactions within an EIAR or EIAR Screening Report.</p> <p>Mitigation Mitigation should follow the hierarchy of minimisation in descending order of preference- Avoid, Reduce, Remedy. Mitigation measures must be measurable and achievable within the bounds of the project.</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>Cumulative Impact The cumulative impact is that of the project combined with any known likely project which will interact or compound an environmental impact.</p> <p>Transboundary Impact Transboundary impacts should be included in EIAR. In the case of tourism, especially international travel, the transboundary impacts may not be proximate to the EIAR site.</p> | |
| Health Service Executive | <p>Email from Caroline Hueston with letter received 7/01/2021. A response was received on 10/12/2020 and contains the following points:</p> <ul style="list-style-type: none"> • The Environmental Impact Assessment should examine all likely significant impacts and provide the following information for each: <ul style="list-style-type: none"> a) Description of the receiving environment; b) The nature and scale of the impact; c) An assessment of the significance of the impact; d) Proposed mitigation measures; e) Residual impacts. • Population and Human Health should be adequately assessed. • In addition to any likely significant negative impacts from the proposed development, any positive likely significant impacts should also be assessed. The HSE will consider the final EIAR accompanying the SID/ planning application and will make comments to An Bord Pleanála and Mayo County Council on the methodology used for assessing the likely significant impacts and the evaluation criteria used in assessing the significance of the impact. <p>Public Consultation</p> <ul style="list-style-type: none"> • It is strongly recommended that early and meaningful public consultation with the local community should be carried out to ensure all potentially significant impacts have been adequately addressed. All parties affected | <p>Chapter 2: Project Description Chapter 3: Alternatives Considered Chapter 4: Population and Human Health – including shadowflicker Chapter 5: Terrestrial Ecology Chapter 6: Aquatic Ecology Chapter 7: Ornithology Chapter 8: Soils and Geology Chapter 9: Hydrology and Hydrogeology Chapter 10: Air and Climate Chapter 11: Noise Chapter 12: Landscape and Visual Amenity Chapter 13: Material Assets and Other Issues Chapter 14: Cultural Heritage Chapter 15: Traffic and Transportation Chapter 16: Interactions of the Foregoing Appendix 1.3 Pre-Application Community Consultation Report</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>by the proposed development, including those who may benefit financially from the project, must be fully informed of what the proposal entails, especially with regard to potential impacts on surrounding areas.</p> <ul style="list-style-type: none"> • Sensitive receptors and other stakeholders should be identified to ensure all necessary and appropriate mitigation measures are put in place to avoid any complaints about the proposed wind farm development in the future. • It is acknowledged that current restrictions around public gatherings as a result of Covid 19 prevention measures will impact on opportunities for public consultation events. However, it is expected that meaningful public consultation, where the local community is fully informed of the proposed development, will be undertaken. Members of the public should be given sufficient opportunities to express their views on the proposal wind farm • The Environmental Impact Assessment Report (EIAR) should clearly demonstrate the link between public consultations and how those consultations have influenced the decision-making process in the EIA. • To assist with the consultation and planning process it is recommended that the applicant develops a dedicated website for the proposed wind energy project. All correspondence, maps, project updates and documentation including the EIAR should be uploaded to this site. <p>Decommissioning Phase</p> <ul style="list-style-type: none"> • The EIAR should detail what the eventual fate of the wind turbines and associated material will be, i.e. will the material be recycled or how will it be disposed of. Information should also be provided regarding the proposed methodology to be used for the disposal of the materials forming the foundations of the wind turbines. The EIAR should indicate the proposed future use of the wind farm site at the end of the planning permission period. <p>Siting, Location and details of Turbines</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <ul style="list-style-type: none"> • The EIAR should include a map and a description of the proposed location of each of the proposed wind turbines. • The Environmental Health Service expects that details (height and model) of the turbines to be installed will be available at the time planning permission is sought and will be included in the EIAR. • Details of turbine foundation structures, including depth, quantity and material to be used should be included in the EIAR. <p>Opportunity for Health Gain</p> <ul style="list-style-type: none"> • The proposed development should be assessed with a view to the potential to include opportunities for health gain within the site of the proposed wind farm by including greenways, cycle-paths or walking trails within the development site. <p>Assessment of Consideration of Alternatives</p> <ul style="list-style-type: none"> • The EIAR should consider an assessment of alternatives. The EHS recommends that alternative renewable energy options to on shore wind farms should be assessed as part of the EIAR. <p>Noise & Vibration</p> <ul style="list-style-type: none"> • The potential impacts for noise and vibration from the proposed development on all noise sensitive locations must be clearly identified in the EIAR. The EIAR must also consider the appropriateness and effectiveness of all proposed mitigation measures to minimise noise and vibration. • A baseline noise monitoring survey should be undertaken to establish the existing background noise levels. Noise from any existing turbines in the area should not be included as part of the back ground levels. • In addition, an assessment of the predicted noise impacts during the construction phase and the operational phase of the proposed wind farm development must be undertaken which details the change in the noise environment resulting from the proposed wind farm development. | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <ul style="list-style-type: none"> • The Draft Revised Wind Energy Development Guidelines were published in December 2019. Whilst these have yet to be adopted, any proposed wind farm development should have consideration of the draft Guidelines. <p>Shadow Flicker</p> <ul style="list-style-type: none"> • It is recommended that a shadow flicker assessment is undertaken to identify any dwellings and sensitive receptors which may be impacted by shadow flicker. The assessment must include all proposed mitigation measures. Dwellings should include all occupied properties and any existing or proposed properties for which planning consent has been granted for construction or refurbishment. • It is recommended that turbine selection will be based on the most advanced available technology that permits shut down during times when residents are exposed to shadow flicker. As a result, no dwelling should be exposed to shadow flicker. <p>Air Quality</p> <ul style="list-style-type: none"> • A Construction Environmental Management Plan (CEMP) should be included in the EIAR which details dust control and mitigation measures. Measures should include: <ul style="list-style-type: none"> - Sweeping of hard road surfaces - Provision of a water bowser on site, regular spraying of haul roads - Wheel washing facilities at site exit - Restrict speed on site - Provide covers to all delivery trucks to minimise dust generation - Inspect and clean public roads in the vicinity if necessary - Material stockpiling provided with adequate protection from the wind - Dust monitoring at the site boundary - Truck inspection and maintenance plan - Details of a road maintenance agreement between the wind farm operator and the Local Roads Authority to clarify responsibility for | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>the upkeep and repair of access roads during the construction phase of the project.</p> <p>Surface and Ground Water Quality</p> <ul style="list-style-type: none"> • All drinking water sources, both surface and ground water, must be identified. Public and Group Water Scheme sources and supplies should be identified. Measures to ensure that all sources and supplies are protected should be described. The Environmental Health Service recommends that a walk over survey of the site is undertaken in addition to a desktop analysis of Geological Survey of Ireland data in order to identify the location of private wells used for drinking water purposes. • Any potential significant impacts to drinking water sources should be assessed. Details of bedrock, overburden, vulnerability, groundwater flows, aquifers and catchment areas should be considered when assessing potential impacts and any proposed mitigation measures. <p>Geological impacts</p> <ul style="list-style-type: none"> • A detailed assessment of the current ground stability of the site for the proposed wind farm extension and all proposed mitigation measures should be detailed in the EIAR. The assessment should include the impact construction work may have on the future stability of ground conditions, taking into consideration extreme weather events, site drainage and the potential for soil erosion. • Reference is made to a peat slide which occurred near Ballybofey in Co. Donegal on November 13th 2020 which may have been linked to construction activity at Meenbog Wind Farm. Potential impacts on water supply associated with contamination following a peat slide include sedimentation and alteration of pH levels. • The Environmental Health Service recommends that a detailed Peat Stability Assessment should be undertaken to assess the suitability of the soil for the proposed development. The EIAR should include provision for a peat stability monitoring programme to identify early signs | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>of potential bog slides ('pre-failure indicators' see the Scottish Government's 'Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Developments 2017).</p> <p>Ancillary Facilities</p> <ul style="list-style-type: none"> The EIAR should include details of the location of all site office, construction compound, fuel storage depot, sanitary accommodation and canteen, First Aid facilities, disposal of wastewater and the provision of a potable water supply to the site canteen. <p>Cumulative Impacts</p> <ul style="list-style-type: none"> All existing or proposed wind farm developments in the vicinity should be clearly identified in the EIAR. The impact on sensitive receptors of the proposed development combined with any other wind farm developments in the vicinity should be considered. The EIAR should include a detailed assessment of any likely significant cumulative impacts of the proposed renewable energy development. The EIAR should state clearly if there is any future proposal to further extend the proposed Firlough Wind Farm. | |
| Irish Water (IW) | <p>Email from Yvonne Harris, dated 15/02/2021 The response letter sets out several general recommendations for EIA projects in terms of water services that should be factored into the project design and EIA.</p> <p>This included;</p> <ul style="list-style-type: none"> Impacts of the development on the capacity of water services (do existing water services have the capacity to cater for the new development if required). This is confirmed by IW in the form of a Confirmation of Feasibility (COF). If a development will require a connection to either a public water supply or sewage collection system the developer is advised to submit a Pre Connection Enquiry (PCE) enquiry to IW to determine the feasibility of connection to the Irish Water network. | <p>Chapter 2: Project Description Chapter 9: Hydrology and Hydrogeology Chapter 13: Material Assets</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <ul style="list-style-type: none"> • Any up-grading of water services infrastructure that would be required to accommodate the development. • In relation to a development that would discharge trade effluent – any upstream treatment or attenuation of discharges required prior to discharging to an IW collection network. • In relation to the management of surface water; the potential impact of surface water discharges to combined sewer networks & potential measures to minimise/stop surface waters from combined sewers. • Any physical impact on IW assets – reservoir, drinking water source, treatment works, pipes, pumping stations, discharges outfalls etc. including any relocation of assets. • Contacting Irish Water in relation to public water service assets and other indicators or methodologies for identifying infrastructure located within your lands are the presence of registered wayleave agreements, visible manholes, vent stacks, valve chambers, marker posts etc. within the proposed site. • Any potential impacts on the assimilative capacity of receiving waters in relation to IW discharge outfalls including changes in dispersion /circulation characterises. • Any potential impact on the contributing catchment of water sources either in terms of water abstraction for the development (and resultant potential impact on the capacity of the source) or the potential of the development to influence/present a risk to the quality of the water abstracted by IW for public supply. • Where a development proposes to connect to an IW network and that network area, consideration as to whether the integrity of the site/conservation objectives of the site would be compromised. • Mitigation measures in relation to any of the above. | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| Transport Infrastructure Ireland | Email from Aisling Dineen, Land Use Planner, dated 5/01/2021. General guidance given for the preparation of the EIAR, reference to TII's Environmental Assessment and Construction Guidelines and best practice. | Chapter 15: Traffic and Transportation |
| OPW | Acknowledgement of receipt of email received 9 th December 2020. | NA |
| The Heritage Council | No response to first round of scoping. | NA |
| The Arts Council | No response to first round of scoping. | NA |
| Údarás na Gaeltachta | Email dated 9/12/2020 received indicating no relevant response required to scoping. | NA |
| Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs | Response Friday 11 December 2020 Pauline McNamara. No Observations. | NA |
| Geological Survey of Ireland | <p>Scoping response from Trish Smullen on 17/12/2020 outlining general guidance and availability of data on the GSI website with the following points specific to the development site;</p> <ul style="list-style-type: none"> • There are no county geological sites in the vicinity of the proposed site • Geohazards can cause widespread damage to landscapes, wildlife, human property and human life. In Ireland, landslides are the most prevalent of these hazards. Landslides are common in areas of peat, areas which are found within the proposed windfarm development area. | Chapter 8: Soils and Geology Chapter 9: Hydrology and Hydrogeology |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| Irish Peatland Conservation Council | No response to first round of scoping | NA |

Table 2: Scoping Responses Received on Scoping Second Round

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|---|---|---|
| Mayo County Council Planning Department | <p>Preplanning meeting held on 19th January 2023 with Alan Dilucia (Senior Planner Mayo County Council – MCC), John McMyler (Senior Planner Mayo County Council – MCC), Brendan Munnely (Executive Planner Mayo County Council – MCC), Carina McGinty (Executive Planner Mayo County Council – MCC), Killian Farrell (Senior Environmental Officer Mayo County Council – MCC), Orla Bourke (Senior Executive Engineer Mayo County Council Roads Department – MCC), John Kearns (Mayo County Council Roads Department – MCC), Declan Ginnelly (Area Engineer Mayo County Council Roads Department – MCC)</p> <p>Topics discussed; MCC queried the tip height of the wind turbines on the adjoining operational Carrowleagh wind farm. MCC queried if Mercury or JOD had consulted with the correct department in TII (Tara Spain). MCC queried the timeline for the construction of the project and when a road opening license would be sought for it. MCC queried if Inland Fisheries Ireland had been consulted with. MCC noted that the river to the south of the hydrogen plant site had a 'good' status under the Water Framework Directive and it would have to be preserved. MCC queried if the EPA had been consulted with in terms of their licensing requirements. MCC noted that the impact of water abstraction on local wells should be considered in the EIA. MCC queried what type of trucks would be used to transport the hydrogen from the site.</p> | <p>Hydrology and Hydrogeology addressed in Chapter 9, including impacts to wells, abstraction of groundwater and discharge to the river to the south of the Hydrogen Plant.</p> <p>Chapter 2; Project Description, Chapter 10; Air and Climate and Chapter 15 Traffic and Transport addressed Hydrogen transport vehicles.</p> <p>The Grid Connection and interconnected are addressed in Chapter 2 Project Description and Chapter 15 Traffic and Transport.</p> <p>Ecology addressed in Chapters 5 and 6</p> <p>Ornithology addressed in Chapter 7. Including baseline surveys.</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>MCC queried if hydrogen fuel cell HGVs are commercially available at the present moment in time.</p> <p>MCC queried if surveys had been completed of the existing services in the roads where the grid connection and the interconnector are proposed to be installed.</p> <p>MCC queried what the reinstatement details were for the road where the grid connection and interconnector is to be placed.</p> <p>MCC queried if passing bays would be proposed along the construction haulage routes.</p> <p>MCC queried if tree pruning and hedge cutting would be required on the turbine delivery route.</p> <p>MCC (John Kearns) requested that the TLI planning drawings be issued to MCC for comment before submitting the planning application.</p> <p>MCC suggested that JOD should review the further information request for the proposed hydrogen plant in Bellacorrick.</p> <p>MCC queried the selection of the site for the hydrogen plant if the water is to be supplied by Irish Water.</p> <p>MCC requested that the ZTV for the site be completed for the blade tip height.</p> <p>MCC queried how the integrity of the local roads would be maintained after the installation of the grid connection and the interconnector.</p> <p>MCC noted that JOD should review their comments issued in 2020 when the first round of scoping was completed.</p> | |
| Sligo County Council | <p>A Pre-Planning meeting was held at Sligo City Hall Council Chamber on 29/11/2022 with Frank Moylan (Senior Planner Sligo County Council – SCC) and Ian Bailey (Senior Executive Planner Sligo County Council – SCC)</p> <p>A presentation was given outlining the project purpose, impact assessments carried out and the application process under SID guidelines.</p> <p>The main points of interest during the consultation included:</p> | <p>Ecology addressed in Chapters 5 and 6</p> <p>Ornithology addressed in Chapter 7. Including baseline surveys.</p> <p>Hydrology addressed in Chapter 9</p> <p>Soils and Geology addressed in Chapter 8</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <ul style="list-style-type: none"> • Sligo County Council queried what percentage of the electricity generated by the wind farm would be transmitted into the grid and what percentage would be sent to the hydrogen plant. • Sligo County Council queried if the interconnector was to be placed in the public roads for its entire route. • Sligo County Council queried if a second round of scoping had been completed since the selection of the current location for the hydrogen plant. • Sligo County Council queried if there is a current market for hydrogen • Sligo County Council noted that that TII will be a key stakeholder and recommended that a mtg. be organised with them if possible to outline what exactly is being proposed in terms of traffic movements to and from the hydrogen plant site. • Sligo County Council noted that the EPA will be a key stakeholder and recommended that a mtg. be organised with them once the water and wastewater design has been finalised. • Sligo County Council noted that they have concerns regarding construction of an industrial development in an unspoilt rural setting. • Sligo County Council noted that as per their county development plan they are supportive of renewable energy projects. • Sligo County Council sought confirmation from MRCL that the hydrogen plant would not be a refilling station. • Sligo County Council queried if a pre-planning meeting had been held with Mayo County Council. • Sligo County Council queried if sufficient ecological (1-2 years) and hydrological baseline surveys had been completed at the hydrogen plant site given the fact that it was only chosen in July of this year. | <p>Grid Connection Options addressed in Chapters 3</p> <p>Landscape and Visual Amenity addressed in Chapter 12</p> <p>Selected Grid Connection assessed in Chapters 5-15 The Percentage of electricity going to the grid and to hydrogen production is Addressed in Chapter 2 Project Description. The current market for hydrogen is addressed in this chapter section 1.6 need for the development.</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| EPA | <p>A Pre-Planning meeting was held via Microsoft Teams 29/03/2023. The Attendees from the EPA were Ray Cullinane (Senior Manager - EPA), Niamh O'Donoghue (Senior Manager - EPA), Eve O'Sullivan (Programme Officer EPA).</p> <p>A presentation was given outlining the project purpose, impact assessments carried out and the application process under SID guidelines.</p> <p>The main points of interest during the consultation included:</p> <ol style="list-style-type: none"> 1. Introductions were given by all participants. 2. The EPA noted that the proposal to abstract water from the ground for the hydrogen plant would be subject to the Water Environment (Abstractions and Associated Impoundments) Act 2022 given the volume of water required (By law, if you abstract 25 cubic meters (25,000 litres) of water or more per day, you must register this abstraction with the EPA). 3. The EPA noted that an Industrial Emissions Licence would be required for the hydrogen plant under the Industrial Emissions Directive. 4. The EPA noted that it is likely that the production of hydrogen would come under classification 5.13 of the First Schedule of the EPA Act 1992 as amended. 5. The EPA noted that BAT (Best Available Techniques) and BREF (Best Available Technique Reference Document) details would need to be included in the licence applications. 6. The EPA noted that the constructed wetlands and vegetated swales must be sealed by an impermeable liner. 7. The EPA noted that the discharge design must be based on a worst-case scenario (i.e. dry weather flow). 8. The EPA noted that there need to be separate sampling points for the process and foul water treatment systems. 9. The EPA queried if an EIA was going to be completed for the development and if the planning application was being submitted to An Bord Pleanála. | <p>Hydrology and Hydrogeology is addressed in Chapter 9</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>10. The EPA noted that an application for an Industrial Emissions Licence can be made to the EPA once the planning application has been submitted but a decision won't be made on it until a decision has been made on the planning application.</p> <p>11. The EPA recommended that Mercury review similar licence applications on its website (EPA Portal https://www.epa.ie/our-services/licensing/licencesearch/).</p> <p>12. The EPA noted that the licence applications can be made online.</p> <p>13. The EPA noted that they are willing to engage further in this consultation process once the planning application has been submitted. Any licencing queries should be sent to licensing@epa.ie.</p> | |
| Irish Aviation Authority | <p>Response received 8/04/2022.</p> <p>The development appears to be approximately 28 km South West of Sligo Airport. As such, it is recommended that the developer engage directly with Sligo airport to make them aware of the proposal and complete a preliminary screening assessment from an aviation safety perspective. It is likely that the following general observations would be proffered by the Authority during a formal planning process: In the event of planning consent being granted, the applicant should be conditioned to contact the Irish Aviation Authority to: (1) agree an aeronautical obstacle warning light scheme for the wind farm development, (2) provide as-constructed coordinates in WGS84 format together with ground and blade tip height elevations at each wind turbine location and (3) notify the Authority of intention to commence crane operations with at least 30 days prior notification of their erection.</p> | Chapter 2: Project Description Chapter 13: Material Assets and Other Issues |
| Sligo Airport | <p>A Special aeronautical study was requested by Sligo Airport concerning the impact of the proposed Firlough wind farm on the flight procedures at Sligo airport by ASAP s.r.o. The report was commissioned by the Developer and concluded that "The Firlough wind farm will not affect the flight procedures at Sligo airport."</p> | Chapter 13; Material Assets |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | Joe at Sligo Airport confirmed by email 3/01/2023 that they were happy with the report. | |
| Ireland West Airport Knock | No response to second round of scoping received | NA |
| Development Applications Unit, National Parks & Wildlife Service | Acknowledgement of receipt received 29/3/2022 acknowledgement of receipt for reminder received 29/4/2022 | NA |
| Bat Conservation Ireland | Response received 29/04/2022 Bat Conservation Ireland is a small charity with no administrative capacity to comment on planning applications. Please ensure that bat surveys are completed according to best practice in relation to windfarms taking into consideration bat surveying guidelines from NPWS, Bat Conservation Ireland and BCT, UK. | Chapter 5: Terrestrial Ecology |
| Birdwatch Ireland | No response to second round of scoping received | NA |
| Irish Wildlife Trust Sigmund Business | Response received 28/04/2022; We do not have the capacity to review this document. | NA |
| Geological Survey of Ireland | Response received 26/4/2022. Containing the same guidance received from initial scoping round on where to find data sets on information to be contained in the EIAR. | NA |
| Inland Fisheries Ireland | Response received 2/05/2022. The proposed site crosses numerous watercourses across two fisheries catchments, the Gowlan River which flows into the Easky River catchment and the Glenree River and Owencam River which flow into the Brusna River catchment. The Easky River is a productive salmon and trout fishery attracting anglers to the area. | Chapter 6: Aquatic Ecology Chapter 9: Hydrology and Hydrogeology |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
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| | <p>The Gowlan River provides salmon, sea trout and brown trout spawning and nursery habitat for the Easky River fishery. The Easky River supports a population of freshwater pearl mussel. Both freshwater pearl mussel and Atlantic salmon are protected under Annex II of the Habitats Directive. The Gowlan River has been allocated good ecological status in the River Basin Management Plan and this status must be protected to comply with the Water Framework Directive.</p> <p>The Brusna River provides spawning and nursery habitat for salmon, sea trout and brown trout. The Brusna River forms part of the River Moy Special Area of Conservation (SAC) which is designated for the protection of Atlantic salmon, white-clawed crayfish and lamprey species. The proposed site is directly hydrologically connected to this SAC. This catchment is under environmental pressure and salmon stocks have declined below their conservation limit; that is the number of adult salmon returning to the river to spawn, required for a sustainable fishery. As a result the fishery is closed to exploitation from angling. The Glenree River which drains the south of the proposed site has failed to meet its high ecological status objective as required under the Water Framework Directive. This status must be restored from good ecological status to high ecological status. The proposed grid connection will cross the Glenree River and seven additional tributaries within the Brusna River catchment.</p> <p>The EIS should assess the potential impacts the proposed development may have including, damage to the aquatic and associated riparian habitat, pollution of water, changes to hydrology, introduction of non-native species and interference with upstream and downstream movement of aquatic life. The assessment should include all aspects of the development, which includes the construction of 13 wind turbines, turbine foundations, hardstanding areas, borrow pits, access tracks, electrical substation, hydrogen production plant, grid connection,</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|---|---|
| | <p>facilitating works on the public road network and at private properties to accommodate the delivery of turbine components and forestry activity etc.</p> <p>The response requests the following to be covered by the EIA;</p> <ul style="list-style-type: none"> • Assessment of all watercourses that will receive drainage from the development including sampling to be delivered with consultation with IFI. • Unmapped watercourses/drains must be assessed and subject to the proposed aquatic buffer zone and surveys. • There must be no spread of invasive species as a result of the proposed development. A survey for the presence of invasive species should be carried out and a management plan put in place where found. • A construction and operational phase water quality and habitat monitoring programme must be put in place. The monitoring of all surface flows during construction is essential and remote sensing equipment should be considered as a normal precaution and extended into the post construction phase • The riparian habitat is integral to the functioning of the aquatic environment. The potential impacts of the development on the riparian habitat should be assessed. Adequately sized aquatic buffer zones must be established along all watercourses. IFI recommends a minimum width of 15 metres from a minor watercourse to low risk parts of the construction site with larger buffer zones required for more sensitive habitats and higher risk operations eg. 50 m from a turbine. • Groundwater vulnerability ranges from low to high across the site. The location of turbines and main construction works must avoid high groundwater vulnerability areas. • A detailed geotechnical survey must be carried out and the potential for soil movement and landslides should be assessed fully for all | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <p>areas of the site and all proposed activities including borrow pits, peat deposition sites, settlement ponds, turbines and access roads. The impact these works will have either directly or by vibration on the stability of the soils should be assessed.</p> <ul style="list-style-type: none"> • Assessment of the impacts on the hydrology of the site must be carried out particularly where excavations including excavations for road construction are being proposed. The natural hydrology of the proposed site has been modified to facilitate the extraction of peat. It is important that watercourses/drains are not interrupted or diverted in such a manner as to give rise to erosion. The proposed site crosses two catchments, there must be no diversion of waters from one catchment into another. Consideration should be afforded to the likely increase in surface water flow from the site which has the potential to alter the downstream prevailing hydrological regime and impact on the fisheries resource. In this regard attenuation measures should be identified and implemented in the surface water drainage plan. Consideration should be given to rewetting of the existing peatland to mitigate hydrological impacts of the development. • The impact of site drainage must be assessed including the pumping of waters from excavations such as turbine excavations. Settlement ponds and other silt treatment/mitigation measures must be engineered to ensure sufficient retention times are provided for sediment settlement. The silt traps should be designed to minimise the movement of silt especially during intense precipitation events where silt traps maybe hydraulically overloaded. It is essential that they are located with good access to facilitate monitoring, sampling and maintenance. • Watercourse crossings existing on site or along the proposed delivery routes must be assessed to determine if works will be required to facilitate site access and the potential impacts of such works. The locations and design of any proposed new watercourse crossings | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <p>should be provided. IFI requests consultation in relation to the design; length, slope and width of any instream structure, temporary or permanent. Clear span structures such as Bailey bridges should be used where possible. There must be no negative impact on fish passage as a result of the proposed development.</p> <ul style="list-style-type: none"> • An assessment of the site transport routes must be carried out to identify any bridge or culvert replacement or improvement works. Including temporary modifications to facilitate turbine delivery to site. • All instream works or other works which may impact directly on a watercourse should only be carried out during the open season which is from 1st July to 30th of September (so as to avoid impacting on the aquatic habitat during the spawning season.) It would be important that this is included in the contract for construction. • It is recommended that a suitably qualified person be on site for the duration of works to ensure: • All mitigation measures identified are implemented prior to and during the construction phase, as appropriate. This is essential in relation to possible peat shear • Continual assessment to ensure the mitigation measures are effective including assessment of adjacent peats for cracking/instability. • Cessation of works should slippage indicators develop and/or settlement arrangements are inadequate for suspended solid removal in surface waters. • Peat reinstatement is completed according to a detailed restoration plan. • Arrangements are established in relation to a contact protocol for the relevant statutory bodies on progress of works. • The IFI publication: Requirements for the Protection of Fisheries Habitat during Construction and Development Works at River Sites should be followed. https://www.fisheriesireland.ie/documents/624- | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|-------------------------------------|---|---|
| | <p>guidelines-on-protection-of-fisheries-during-construction-works-in-and-adjacent-to-waters/file.html</p> <ul style="list-style-type: none"> • The principles of Sustainable Drainage Systems should be incorporated into the site design. IFI request that green infrastructure features are used to attenuate surface water drainage from the proposed hydrogen production and substation facilities, such as the inclusion of swales, permeable paving/car park surfacing and green roofs, as required. These measures will filter surface waters, reduce stormwater runoff rates and improve flood alleviation. • Details of any water abstraction requirement for the proposed hydrogen production plant must be provided and the potential impacts on the catchment surface water and groundwater hydrology must be assessed. <p>In summary IFI request the following to be addressed:</p> <ul style="list-style-type: none"> • Water quality • Surface water hydrology • Fish spawning and nursery areas • Passage of migratory fish • Areas of natural heritage importance • Biological diversity, ecosystem structure and functioning • Sport and commercial fishing and angling • Sediment transport | |
| Irish Peatland Conservation Council | No response to second round of scoping received | NA |
| Broadcasting Authority of Ireland | Response received 3/5/2022 from Roger Woods; The BAI does not perform an in-depth analysis of the effect of wind turbines on FM networks. However, we are not aware of any issues from existing windfarms into existing FM networks. Also, the proposed windfarms are not located close to any existing or planned FM transmission sites. | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|--|---|---|
| Eir Limited | Response received 1/04/2022. We have no transmission links within the proposed area and it has no risk to the network. Best of luck with the development. | NA |
| ESB Telecoms Ltd | No response to second round of scoping received | NA |
| ENet | Response received 5/12/2022 confirming turbine locations will not affect their network | |
| RTÉ | No additional information received in second scoping response | NA |
| Tetra Ireland | Response received 12/04/2022 We anticipate no impact from the development as proposed, can you ensure the development is also reviewed by Eir. | NA |
| Three Ireland | No additional information received in second scoping response | NA |
| Virgin Media Television | Response received 25/05/2022 Virgin Media does not have any record of underground services at this location as indicated by your drawing. | NA |
| Vodafone | Response received 29/05/2022 This proposed development looks to be fine. Link to NorthWest is SO037 SSE Kingsmountain (ONB) (54.2035, -8.8055) – MOB LA Ballina (54.1094, -9.1653) If any turbine locations, or size changes, we would need to review. We require minimum 30 m from blade tip to Fresnel zone of the link. | NA |
| Commission for Communications Regulation | No response to second round of scoping received | NA |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|---|--|--|
| Minister for Agriculture, Food and the Marine, Department of Agriculture, Food and the Marine | Acknowledgement of receipt received 29/4/2022 from Hilda Verling, Minister's Office. No further response received. | NA |
| Department of Defence | Response received 24/0/2022 from Don Watchorn, Property Management Branch. With the following observations; <ul style="list-style-type: none"> • Single turbines or turbines delineating a windfarm should be illuminated by Type C, Medium intensity, Fixed Red obstacle lighting with a minimum output of 2,000 candela to be visible in all directions of azimuth and to be operational H24/7 days a week. • Obstacle lighting should be incandescent or of a type visible to Night Vision equipment. Obstacle lighting must emit light at the near Infra-Red (IR) range of the electromagnetic spectrum, specifically at or near 850 nanometres (nm) of wavelength. Light intensity to be of similar value to that emitted in the visible spectrum of light. | NA |
| Fáilte Ireland Environment and Planning | No response to second round of scoping received | NA |
| Health Service Executive | Response dated 21/4/2022 with general HSE guidance with specific response to the project including; <p>As Hydrogen production is a new technology in Ireland, it is important that clear, easy to understand and site specific information is provided to the public at the earliest opportunity</p> <p>Sensitive receptors and stakeholders should be identified and mitigation put in place to avoid complains</p> <p>Link should be demonstrated between public consultations and decision making process</p> <p>Details requested on the decommissioning of the Hydrogen facility</p> | Chapter 2: Project Description Chapter 3: Alternatives Considered Chapter 4: Population and Human Health Chapter 9: Hydrology and Hydrogeology Chapter 10: Air and Climate |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <p>Details of underground storage tanks for hydrogen should be provided if these are to be used.</p> <p>The source and volume of water required for hydrogen production should be detailed in the EIAR.</p> <p>EIAR should include measures proposed to mitigate the impact of any potential hydrogen leakage during production, storage and transportation.</p> <p>Methods of disposal and the potential impacts of any wastewater generated as a result of the purification process should be described as should method/disposal/treatment and impacts of waste water produced by the electrolyser.</p> | |
| Irish Water | <p>Response Received 25/3/2022 from Yvonne Harris</p> <p>At present, Irish Water does not have the capacity to advise on the scoping of individual projects. However, in general the following aspects of Water Services should be considered in the scope of an EIA where relevant;</p> <p>a) Where the development proposal has the potential to impact an Irish Water Drinking Water Source(s), the applicant shall provide details of measures to be taken to ensure that there will be no negative impact to Irish Waters Drinking Water Source(s) during the construction and operational phases of the development. Hydrological / hydrogeological pathways between the applicant' site and receiving waters should be identified as part of the report.</p> <p>b) Where the development proposes the backfilling of materials, the applicant is required to include a waste sampling strategy to ensure the material is inert.</p> | Chapter 9: Hydrology and Hydrogeology |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|---|---|
| | <p>c) Mitigations should be proposed for any potential negative impacts on any water source(s) which may be in proximity and included in the environmental management plan and incident response.</p> <p>d) Any and all potential impacts on the nearby reservoir as public water supply water source(s) are assessed, including any impact on hydrogeology and any groundwater/ surface water interactions.</p> <p>e) Impacts of the development on the capacity of water services (<i>i.e. do existing water services have the capacity to cater for the new development</i>). This is confirmed by Irish Water in the form of a Confirmation of Feasibility (COF). If a development requires a connection to either a public water supply or sewage collection system, the developer is advised to submit a Pre-Connection Enquiry (PCE) enquiry to Irish Water to determine the feasibility of connection to the Irish Water network. All pre-connection enquiry forms are available from https://www.water.ie/connections/connection-steps/.</p> <p>f) The applicant shall identify any upgrading of water services infrastructure that would be required to accommodate the proposed development.</p> <p>g) In relation to a development that would discharge trade effluent – any upstream treatment or attenuation of discharges required prior to discharging to an Irish Water collection network.</p> <p>h) In relation to the management of surface water; the potential impact of surface water discharges to combined sewer networks and potential measures to minimise and or / stop surface waters from combined sewers.</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <p>i) Any physical impact on Irish Water assets – reservoir, drinking water source, treatment works, pipes, pumping stations, discharges outfalls etc. including any relocation of assets.</p> <p>j) When considering a development proposal, the applicant is advised to determine the location of public water services assets, possible connection points from the pp site / lands to the public network and any drinking water abstraction catchments to ensure these are included and fully assessed in any pre-planning proposals. Details, where known, can be obtained by emailing an Ordnance Survey map identifying the proposed location of the applicant's intended development to datarequests@water.ie.</p> <p>k) Other indicators or methodologies for identifying infrastructure located within pp lands are the presence of registered wayleave agreements, visible manholes, vent stacks, valve chambers, marker posts etc. within the proposed site.</p> <p>l) Any potential impacts on the assimilative capacity of receiving waters in relation to Irish Water discharge outfalls including changes in dispersion / circulation characterises. Hydrological / hydrogeological pathways between pp site and receiving waters should be identified within the report.</p> <p>m) Any potential impact on the contributing catchment of water sources either in terms of water abstraction for the development (<i>and resultant potential impact on the capacity of the source</i>) or the potential of the development to influence / present a risk to the quality of the water abstracted by Irish Water for public supply should be identified within the report.</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|---|---|---|
| | <p>n) Where a development proposes to connect to an Irish Water network and that network either abstracts water from or discharges wastewater to a sensitive area, consideration as to whether the integrity of the site / conservation objectives of the site would be compromised should be identified within the report.</p> <p>o) Mitigation measures in relation to any of the above ensuring a zero risk to any Irish Water drinking water sources (Surface and Ground water).</p> | |
| Minister for Environment, Climate and Communications, Department of the Environment, Climate and Communications | No additional information received in second scoping response | NA |
| Transport Infrastructure Ireland | No response to second round of scoping received | NA |
| Department of Transport | <p>Response Received 7/4/2022 from Jacqui Traynor. The main points included;</p> <p>It should be noted that the Department considers the construction involved in providing this development and especially, the connection cables to the national grid may have effects on both the environment and the Regional and Local Road network.</p> <p>Where the developer proposes the placement of any cables (or additional cables) in one or more trenches within the extents of the (regional and local) public road network, it is necessary to consider the following:</p> <ul style="list-style-type: none"> • Their presence within the public road could significantly restrict the Road Authority in carrying out its function to construct and maintain the public road and will likely add to the costs of those works. | NA |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <ul style="list-style-type: none"> • Their installation within the lands associated with the public road may affect the stability of the road. In particular where the road is a “legacy road” (where there is no designed road structure and the subgrade may be poor or poorly drained) the design needs to take account of all the variable conditions and not be based on a sample of the general conditions. • The possible effect on the remaining available road space (noting that there may be need to accommodate other utilities within the road cross-section in the future). • The necessity to have the power in the cables switched off where the Road Authority considers this necessary in order to carry out its function to construct and maintain the public road. <p>The Department consider it important that the examination of the proposal should include consideration of the following:</p> <ul style="list-style-type: none"> • Examination of options other than the routing of cables along the public road, • Examination of options for connection to the national grid network at a point closer to the wind farm in order to reduce the adverse impact on public roads. • Details of where within the road cross section cables are to be placed so as to minimise the effect on the Roads Authority in its role of construction and maintenance, • Examination of details of any chambers proposed within the public road cross section so as to minimise the effect on the Roads Authority in its role of construction and maintenance and, • Rationalisation of the number of cables involved (including existing electric or possible future cables) and their diversion into one trench, in order to minimise the impacts on the road network and the environment along the road boundary (hedgerows). <p>The response also included a list of recommended planning conditions.</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|---|---|---|
| OPW | No response to second round of scoping received | NA |
| The Heritage Council | Response received 28/4/2022; Unfortunately, due to busy work commitments, the Heritage Council is unable to respond to the application at this time. I would be grateful if you would place this correspondence on the planning file. | NA |
| The Arts Council | No response to second round of scoping received | NA |
| An Taisce | No response to second round of scoping received | NA |
| Údarás na Gaeltachta | No response to second round of scoping received | NA |
| Minister for Housing, Local Government and Heritage, Department of Housing, Local Government and Heritage | No response to second round of scoping received | NA |
| Minister for Tourism, Culture, Arts, Gaeltacht, Sport and Media, Department of Tourism, Culture, Arts, | No response to second round of scoping received | NA |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|---|--|---|
| Gaeltacht, Sport and Media, | | |
| Minister for Environment, Climate and Communications, Department of the Environment, Climate and Communications | No additional information received in second scoping response | NA |
| Department of Communications Climate Action and Environment | Response Received 26/4/2022 | NA |
| The Health and Safety Authority The Metropolitan Building | <p>A consultation meeting with the HSA was conducted on 1st July 2022. Key topics discussed with the HSA included;</p> <ul style="list-style-type: none"> • The maximum tonnage of hydrogen that could be produced per day on the site. • The maximum amount of hydrogen that could be stored on the site at any particular moment in time (to include worst-case scenarios if there are issues with the inventory). • The HSA requested that a Quantitative Risk Assessment (QRA) be completed for the management of the inventory on the site. Calculations to be included in the assessment. • The HSA requested that an operational analysis be complete for the filling of the hydrogen. • The no. of trucks required per day to transport the generated hydrogen off the site. | <p>Chapter 2; Project Description Chapter 9; Hydrology and Hydrogeology Chapter 15; Traffic and Transport Chapter 16; Major Accidents and Natural Disasters</p> |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|------------------------|--|---|
| | <ul style="list-style-type: none"> • The HSA requested that a description be included in the reports of the management of the inventory on the site (incl. management of truck movements). • The HSA requested that a description be included in the reports on how an unexpected accumulation of hydrogen on the site would be managed and how we ensure that the 'lower tier' COMAH site classification is maintained. • The HSA requested that an operational management plan be prepared for the site. • The Guidance on technical land-use planning advice for planning authorities and COMAH establishment operators. • Consideration of risk to a member of the public and on-site workers. • The junction with the N59 from a transportation and road traffic perspective and production of a Traffic Management Plan. • The HSA noted an environmental assessment will be needed as per COMAH requirements. • Targeted end-users for the hydrogen. • Who will be engaged to operate the site. • The HSA noted that they must be notified 3 months in advance of the construction of the development. • The HSA noted that they are willing to engage further in this consultation process through a follow-up meeting once the design has progressed and confirmed that they will review a draft of the QRA in advance of it being submitted as part of the planning application. <p>In February 2023 a draft Quantitative Risk Assessment (QRA) was submitted to the HSA for review.</p> <p>A second scoping meeting was conducted on 21st March 2023.</p> <p>The focus of the discussion centred on the HSA comments on the QRA submitted for review. The HSA confirmed that the revised Technical Land</p> | |

| Consultee Organisation | Response Received | EIAR Chapter/Section where comments have been addressed |
|--|---|--|
| | Use Plan, which includes guidance on hydrogen production, had been published and should be referenced in the updated QRA. | |
| Commission for Regulation of Utilities | No response to second round of scoping received | NA |

1.1.1.1 Public Information Days (PIDs)

Due to the Covid-19 pandemic and resultant restrictions on social gatherings, it was decided that the first round of public consultation and information dissemination should take place remotely via a targeted leaflet drop, publishing of notices in local newspapers, an interview with the Developer's CEO, John Duffy on MidWest Radio and the creation of a virtual public exhibition.

JOD and Mercury Renewables created a website to host the Firlough Wind Farm Virtual Public Exhibition to inform the public about the Project and invite them to a virtual Public Information Day. The website walked members of the public through the then current Project and invited them to provide feedback on their views to take concerns on board in the design of the Project. The website was open from Friday 10th December 2021, it was advertised through leaflet drops to local houses. See **Figure 1.5** of leaflet drop area and houses included.

Once restrictions allowed, two in-person Public Information Days were organised. These were held at the Grove Hall in Bunnyconnellan on Wednesday 14th September 2022 and at the Castleconnor Community Hall on Thursday 15th September 2022, between 12 noon and 8 pm on both days.

The timings and locations were designed to give as many of the community members as possible the chance to attend to view the proposals and ask questions of the Project team. Both events ran beyond the scheduled 8pm finishing time, to ensure all those people in attendance had sufficient time to review information and speak with members of Mercury Renewables, JOD and various sub-consultants.

A Pre-Application Community Consultation (PACC) Report has been submitted to the Board as part of this planning application and can be found in **Appendix 1.3**. The PACC Report summarises the consultation that has been undertaken with the local community, including reports of the PIDs, and details how comments received have been considered and addressed in the Project.

1.1.1.2 Informing the Public and Local Residents

Local residents and the general public were informed of the Project, Virtual Public Exhibition and PID through the following methods:

- Leaflet distribution in the local area

- Production of project newsletters delivered to local residents, community groups and council members.
- Midwest radio interview with John Duffy (Owner of Mercury)¹
- Provision of two community liaison officers and sharing of contact information on all materials
- Public notices displayed and leaflets given out in the Bunnyconnellan area by community liaison officers
- Letters sent in the post to stakeholders who may have an interest in the Project
- Notices in church Newsletters
- Advertisements for the Public Information Days in the Western People and the Sligo Champion
- Banners presented at the Public Information Days were subsequently provided to individuals that requested copies and were also posted on the Mercury Renewables website
- A dedicated website has been set up for the Project and can be accessed at; <https://mercuryrenewables.ie/portfolio/firlough-wind-farm/>
- National Newspapers have published articles on the Project, especially the benefits the Hydrogen element and provision of jobs to the region. These include Independent.ie², Western people³, RTE⁴ and the Irish Times⁵.

1.1.2 Post PID consultations

A Hydrogen Plant Neighbours Meeting was held on Thursday 25th May, 2023 in Muddy Burns Pub, Corballa, Co. Sligo by the Developer. Five households in the vicinity of the Hydrogen Plant were invited to the meeting, 2 individuals attended the evening.

A presentation was prepared and delivered to each of the individuals in attendance separately as they arrived at different times. The presentation covered:

- Final Hydrogen Plant Site layout, addressing additions to the layout since the PIDs in September, including waste-water storage, constructed wetlands, discharge point, underground storage and EirGrid specified substation.

¹ Midwest Radio. (2022). <https://www.midwestradio.ie/index.php/news/53382-plans-announced-for-new-200m-facility-in-north-mayo> Accessed 01/12/2022

² The Independent. (2021) <https://www.independent.ie/business/irish/mercury-renewables-plans-200m-wind-farm-and-hydrogen-facility-in-co-mayo-41139140.html> Accessed 01/12/2022

³ The Western People. (2021) <https://westernpeople.ie/2021/12/10/new-e200m-development-has-potential-to-provide-hundreds-of-jobs-in-north-mayo/> Accessed 01/12/2022

⁴ RTE. (2021). <https://www.rte.ie/news/business/2021/12/10/1266080-new-green-hydrogen-production-plant-planned-for-mayo/> Accessed 01/12/2022

⁵ The Irish Times. (2021). <https://www.irishtimes.com/business/energy-and-resources/mercury-renewables-plans-200m-wind-and-hydrogen-plant-1.4752258> Accessed 01/12/2022

- Reaffirmation of Hydrogen Plant photo montages included in September newsletter, given no change to the electrolyser building.
- EPA engagement and monitoring obligations that will be included in EIAR.
- HSA engagement and implications the Hydrogen Plant would have on consultation with the HSA for future developments near the Hydrogen Plant Site.
- Submission timeline and planning review process to be publicised via further newsletter expected in July.

ADDENDUM 5

LIST OF PRESCRIBED BODIES

Notification of the submission of the planning application for the proposed development has been sent to the following prescribed bodies (as recommended by An Bord Pleanála in SID determination correspondence dated 3rd of November 2022):

- Minister for Housing, Local Government and Heritage (Development Application Unit)
- Minister for the Environment, Climate and Communications
- Mayo County Council
- Sligo County Council
- Irish Water
- Inland Fisheries Ireland
- Transport Infrastructure Ireland
- Environmental Protection Agency
- The Heritage Council
- An Taisce
- An Chomhairle Ealaíon
- Fáilte Ireland
- Irish Aviation Authority
- Health and Safety Authority

Copies of the notifications are enclosed as part of the application.

ADDENDUM 6

LETTERS OF NOTIFICATION TO PRESCRIBED BODIES



6129/403_2/003/SJ

5th July 2023

Minister for Housing, Local Government and Heritage,
Development Applications Unit,
Custom House,
Dublin,
D01 W6X0.

Email: Manager.DAU@npws.gov.ie

**Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)**

Dear Sirs,

Mercury Renewables (Carrowleagh) Limited gives notice of its intention to make an application to An Bord Pleanála for permission for the development of Firlough Wind Farm and Hydrogen Plant. The wind farm is located in the townland of Carrowleagh (Kilbride), County Mayo, and the Hydrogen Plant is located in the townland of Carraun, Castleconnor, County Sligo.

The full planning application, Environmental Impact Assessment Report and Natura Impact Statement can be viewed on the dedicated project website www.firloughwindfarmplanning.com or may be inspected free of charge or purchased on payment of a specified fee (which fee shall not exceed the reasonable cost of making such a copy) during public opening hours at the following locations:

- The Offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 V902.
- The Offices of Mayo County Council, Áras an Chontae, The Mall, Castlebar, Co. Mayo, F23 WF90.
- The Offices of Sligo County Council, City Hall, Quay Street, Sligo, F91 PP44.

In considering this application, An Bord Pleanála can decide to:

- (a) (i) grant the permission, or
(ii) make such modifications to the proposed development as it specifies in its decision and grant permission in respect of the proposed development as so modified, or
(iii) grant permission in respect of part of the proposed development (with or without specified modifications of it of the foregoing kind), and any of the above decisions may be subject to or without conditions,

or

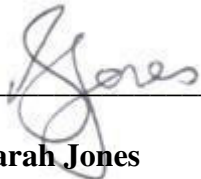
- (b) refuse to grant the permission.

Any submissions/observations must be made to the Board at 64 Marlborough Street, Dublin 1, D01 V902 relating to:

- (i) the implications of the proposed development for proper planning and sustainable development of the area concerned, and
- (ii) the likely effects on the environment of the proposed development, if carried out, and
- (iii) the likely effects or adverse effects on the integrity of a European site, if carried out.

Any submissions/observations must be received by the Board not later than 5.30pm on the 1st of September 2023.

Yours faithfully,

A handwritten signature in cursive script, appearing to read 'S Jones', is written above a horizontal line.

Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/004/SJ

5th July 2023

Minister for the Environment, Climate and Communications,
29-31 Adelaide Road,
Dublin 2,
D02 X285.

Email: customer.service@decc.gov.ie

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

Dear Sirs,

Mercury Renewables (Carrowleagh) Limited gives notice of its intention to make an application to An Bord Pleanála for permission for the development of Firlough Wind Farm and Hydrogen Plant. The wind farm is located in the townland of Carrowleagh (Kilbride), County Mayo, and the Hydrogen Plant is located in the townland of Carraun, Castleconnor, County Sligo.

The full planning application, Environmental Impact Assessment Report and Natura Impact Statement can be viewed on the dedicated project website www.firloughwindfarmplanning.com or may be inspected free of charge or purchased on payment of a specified fee (which fee shall not exceed the reasonable cost of making such a copy) during public opening hours at the following locations:

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- The Offices of Mayo County Council, Áras an Chontae, The Mall, Castlebar, Co. Mayo, F23 WF90.
- The Offices of Sligo County Council, City Hall, Quay Street, Sligo, F91 PP44.

In considering this application, An Bord Pleanála can decide to:

- (b) (i) grant the permission, or
(ii) make such modifications to the proposed development as it specifies in its decision and grant permission in respect of the proposed development as so modified, or
(iii) grant permission in respect of part of the proposed development (with or without specified modifications of it of the foregoing kind), and any of the above decisions may be subject to or without conditions,

or

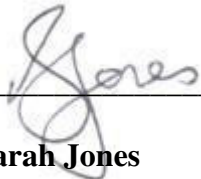
- (b) refuse to grant the permission.

Any submissions/observations must be made to the Board at 64 Marlborough Street, Dublin 1, D01 V902 relating to:

- (i) the implications of the proposed development for proper planning and sustainable development of the area concerned, and
- (ii) the likely effects on the environment of the proposed development, if carried out, and
- (iii) the likely effects or adverse effects on the integrity of a European site, if carried out.

Any submissions/observations must be received by the Board not later than 5.30pm on the 1st of September 2023.

Yours faithfully,

A handwritten signature in cursive script, appearing to read 'S Jones', is written above a horizontal line.

Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



5th July 2023

The Planning Section,
Mayo County Council,
Áras an Chontae,
The Mall,
Castlebar,
Co. Mayo.

**Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)**

Dear Sirs,

Mercury Renewables (Carrowleagh) Limited gives notice of its intention to make an application to An Bord Pleanála for permission for the development of Firlough Wind Farm and Hydrogen Plant. The wind farm is located in the townland of Carrowleagh (Kilbride), County Mayo, and the Hydrogen Plant is located in the townland of Carraun, Castleconnor, County Sligo.

As requested, one electronic copy and one hard copy of the full planning application, Environmental Impact Assessment Report and Natura Impact Statement are enclosed.

As required by An Bord Pleanála, you are hereby requested to keep this planning application available for public inspection/purchase from the **14th of July 2023** in accordance with the terms of the public notice (copy enclosed with this letter). It is the Board's intention that all the application documentation will remain available for public inspection for the duration of this application.

In considering this application, An Bord Pleanála can decide to:

- (a)
 - (i) grant the permission, or
 - (ii) make such modifications to the proposed development as it specifies in its decision and grant permission in respect of the proposed development as so modified, or
 - (iii) grant permission in respect of part of the proposed development (with or without specified modifications of it of the foregoing kind), and any of the above decisions may be subject to or without conditions,

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Any submissions/observations must be received by the Board not later than 5.30pm on the 1st of September 2023. A standalone website containing all of the above particulars can be viewed at www.firloughwindfarmplanning.com.

Yours faithfully,



Sarah Jones
Planner

For: Jennings O'Donovan & Partners Ltd.

Encl./



6129/403_2/002/SJ

5th July 2023

The Planning Department,
Sligo County Council
City Hall,
Quay Street,
Sligo,
F91 PP44.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

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Directors: D. Kiely, C. McCarthy

Regional Director: A. Phelan

Consultants: C. Birney, R. Gillan

Senior Associates: R. Davis, M. Forbes, S. Gilmartin, J. Healy, S. Lee, J. McElvaney, T. McGloin, S. Molloy

Associates: B. Coyle, D. Guilfoyle, L. McCormack, C. O'Reilly, M. Sullivan

Company Reg No. 149104 **VAT Reg. No.** IE6546504D



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Yours faithfully,



Sarah Jones
Planner
For: Jennings O'Donovan & Partners Ltd.

Encl./



6129/403_2/005/SJ

5th July 2023

Mr. Cillian Claffey,
Development Management Planning (North West Region),
Uisce Éireann/ Irish Water,
Colvill House,
24-26 Talbot Street,
Dublin 1,
D01 NP86.

Email: cillian.claffey@water.ie

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

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In considering this application, An Bord Pleanála can decide to:

- (c) (i) grant the permission, or
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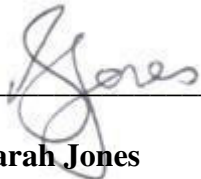


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Yours faithfully,

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Sarah Jones
Planner
For: Jennings O'Donovan & Partners Ltd.



6129/403_2/006/SJ

5th July 2023

Ms. Aisling Donegan
Senior Fisheries Environmental Officer,
Inland Fisheries Ireland,
Ardnaree House,
Abbey Street,
Ballina,
Co. Mayo,
F26 KO29.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

Dear Ms. Donegal,

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In considering this application, An Bord Pleanála can decide to:

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Regional Director: A. Phelan

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Company Reg No. 149104 **VAT Reg. No.** IE6546504D

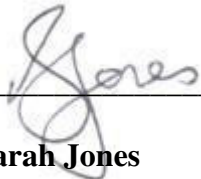


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Yours faithfully,

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Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/007/SJ

5th July 2023

Alban Mills,
Senior Regulatory and Administration Executive,
Transport Infrastructure Ireland,
Parkgate Business Centre,
Parkgate Street,
Dublin 8,
D08 DK10.

Email: Information@tii.ie

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

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Company Reg No. 149104 **VAT Reg. No.** IE6546504D

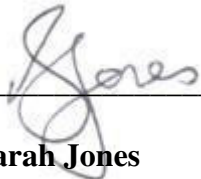


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Yours faithfully,

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Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/008/SJ

5th July 2023

Environmental Protection Agency,
John Moore Rd,
Curragh,
Castlebar,
Co. Mayo,
F23 KT91.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

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Directors: D. Kiely, C. McCarthy

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Company Reg No. 149104 **VAT Reg. No.** IE6546504D

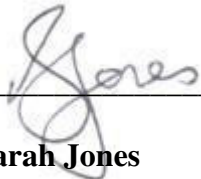


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Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/009/SJ

5th July 2023

The Heritage Council,
Áras na hOidhreachta,
Church Lane,
Kilkenny,
R95 X264.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

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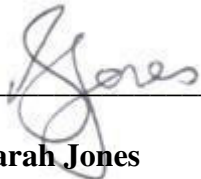


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Yours faithfully,

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Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/010/SJ

5th July 2023

An Taisce,
Tailor's Hall,
Back Lane,
Dublin 8,
D08 X2A3.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

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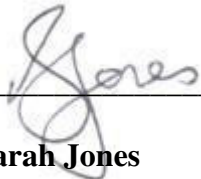


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Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/011/SJ

5th July 2023

An Chomhairle Ealaíon / The Arts Council,
70 Merrion Square,
Dublin 2,
DO2 NY52.

**Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo
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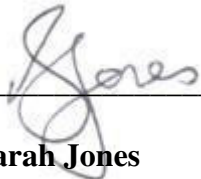
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A handwritten signature in cursive script, appearing to read 'S Jones', is written above a horizontal line.

Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/012/SJ

5th July 2023

Ms. Yvonne Jackson,
Product Development-Environment & Planning Support,
Fáilte Ireland,
Áras Fáilte,
88/95 Amiens Street,
Dublin 1,
D01 WR86.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

Dear Ms. Jackson,

Mercury Renewables (Carrowleagh) Limited gives notice of its intention to make an application to An Bord Pleanála for permission for the development of Firlough Wind Farm and Hydrogen Plant. The wind farm is located in the townland of Carrowleagh (Kilbride), County Mayo, and the Hydrogen Plant is located in the townland of Carraun, Castleconnor, County Sligo.

The full planning application, Environmental Impact Assessment Report and Natura Impact Statement can be viewed on the dedicated project website www.firloughwindfarmplanning.com or may be inspected free of charge or purchased on payment of a specified fee (which fee shall not exceed the reasonable cost of making such a copy) during public opening hours at the following locations:

- The Offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 V902.
- The Offices of Mayo County Council, Áras an Chontae, The Mall, Castlebar, Co. Mayo, F23 WF90.
- The Offices of Sligo County Council, City Hall, Quay Street, Sligo, F91 PP44.

In considering this application, An Bord Pleanála can decide to:

- (j) (i) grant the permission, or
(ii) make such modifications to the proposed development as it specifies in its decision and grant permission in respect of the proposed development as so modified, or
(iii) grant permission in respect of part of the proposed development (with or without specified modifications of it of the foregoing kind), and any of the above decisions may be subject to or without conditions,

or

- (b) refuse to grant the permission.

Directors: D. Kiely, C. McCarthy

Regional Director: A. Phelan

Consultants: C. Birney, R. Gillan

Senior Associates: R. Davis, M. Forbes, S. Gilmartin, J. Healy, S. Lee, J. McElvaney, T. McGloin, S. Molloy

Associates: B. Coyle, D. Guilfoyle, L. McCormack, C. O'Reilly, M. Sullivan

Company Reg No. 149104 **VAT Reg. No.** IE6546504D

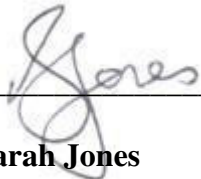


Any submissions/observations must be made to the Board at 64 Marlborough Street, Dublin 1, D01 V902 relating to:

- (i) the implications of the proposed development for proper planning and sustainable development of the area concerned, and
- (ii) the likely effects on the environment of the proposed development, if carried out, and
- (iii) the likely effects or adverse effects on the integrity of a European site, if carried out.

Any submissions/observations must be received by the Board not later than 5.30pm on the 1st of September 2023.

Yours faithfully,

A handwritten signature in cursive script, appearing to read 'S Jones', is written above a horizontal line.

Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/013/SJ

5th July 2023

Ms. Deirdre Forrest,
Corporate Affairs,
Irish Aviation Authority,
The Times Building,
11-12 D'Olier Street,
Dublin 2.
D02 T449.

Re: Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)

Dear Ms. Forrest,

Mercury Renewables (Carrowleagh) Limited gives notice of its intention to make an application to An Bord Pleanála for permission for the development of Firlough Wind Farm and Hydrogen Plant. The wind farm is located in the townland of Carrowleagh (Kilbride), County Mayo, and the Hydrogen Plant is located in the townland of Carraun, Castleconnor, County Sligo.

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- The Offices of Sligo County Council, City Hall, Quay Street, Sligo, F91 PP44.

In considering this application, An Bord Pleanála can decide to:

- (k) (i) grant the permission, or
(ii) make such modifications to the proposed development as it specifies in its decision and grant permission in respect of the proposed development as so modified, or
(iii) grant permission in respect of part of the proposed development (with or without specified modifications of it of the foregoing kind), and any of the above decisions may be subject to or without conditions,

or

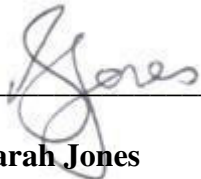
- (b) refuse to grant the permission.

Any submissions/observations must be made to the Board at 64 Marlborough Street, Dublin 1, D01 V902 relating to:

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Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.



6129/403_2/014/SJ

5th July 2023

HSA,
COMAH Unit,
Metropolitan Building,
James Joyce Street,
Dublin 1,
D01 K0Y8.

Email: landuseplanning@hsa.ie

Re: **Proposed Firlough Wind Farm, Carrowleagh Td., Bunnyconnellan, Co. Mayo & Hydrogen Plant, Carraun Td., Castleconnor, Co. Sligo Strategic Infrastructure Development Application to An Bord Pleanála under Section 37(E) of the Planning and Development Act 2000 (as amended)**

Dear Sirs,

Mercury Renewables (Carrowleagh) Limited gives notice of its intention to make an application to An Bord Pleanála for permission for the development of Firlough Wind Farm and Hydrogen Plant. The wind farm is located in the townland of Carrowleagh (Kilbride), County Mayo, and the Hydrogen Plant is located in the townland of Carraun, Castleconnor, County Sligo.

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or

- (b) refuse to grant the permission.

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Company Reg No. 149104 **VAT Reg. No.** IE6546504D

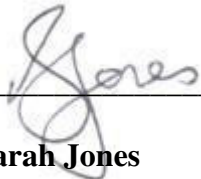


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Yours faithfully,

A handwritten signature in cursive script, appearing to read 'S Jones', is written above a horizontal line.

Sarah Jones

Planner

For: Jennings O'Donovan & Partners Ltd.

ADDENDUM 7

EIA PORTAL CONFIRMATION NOTICE

Sean Molloy

From: Housing Eiaportal <EIAportal@housing.gov.ie> on behalf of Housing Eiaportal
Sent: 30 June 2023 12:08
To: smolloy@jodireland.com
Subject: EIA Portal Confirmation Notice Portal ID 2023113

Dear Sean,

An EIA Portal notification was received on 30/06/2023 in respect of this proposed application. The information provided has been uploaded to the EIA Portal on 30/06/2023 under EIA Portal ID number 2023113 and is available to view at <http://housinggovie.maps.arcgis.com/apps/webappviewer/index.html?id=d7d5a3d48f104ecbb206e7e5f84b71f1>.

Portal ID: 2023113

Competent Authority: An Bord Pleanála

Applicant Name: Mercury Renewables (Carrowleagh) Limited

Location: The proposed wind farm site is located 4km north-east of Bunnyconnellan, Co. Mayo in the townland of Carrowleagh and the proposed hydrogen plant is located 2.9 km south-west of Corballa, Co. Sligo in the townland of Carraun.

Description: Construction of a 13 turbine wind farm and 80 MW hydrogen plant along with the associated related works including a 110kV grid connection, interconnector and upgrade works on the local roads.

Linear Development: Yes

Date Uploaded to Portal: 30/06/2023

Kindest Regards,

EIA Portal team

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

Teach an Chustaim, Baile Átha Cliath 1, D01 W6X0
Custom House, Dublin 1, D01 W6X0

T +353 (0) 1 888 2000

www.gov.ie/housing



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

ADDENDUM 8

EFT CONFIRMATION

**Payment Type**

Currency/International Payment

Debit Account Number

23122689

Delivery Method

SEPA Credit Transfer

Account Name

CORE CONSTR MAN LTD

Bank Identifier

203342

Currency

GBP

Payment Details

Transaction Reference Number : BX23062976222097

Status : Future Date Approved

Sub Status :

Creation Date : 29/06/2023

Creator Name : JOHN SPEAR

Payment Amount, Date and Description**Payment Currency**

EUR - Euro

Payment Amount

100,000.00

Value Date

30/06/2023

Execution Date

30/06/2023

Payment Details

ABP-307264-20

Mercury Renewables (Carrowleagh)Ltd

Debit Currency

GBP

Debit Amount

87,435.52

Exchange Rate

1.1437 - Indicative

Charges Type

Shared

Customer Reference

ABP-307264-20

Payment Category

00001 - CAT A

Deal Number**Booked Rate****Payment using part of a deal secured previously through Barclays.Net Book Rate on multiple payments?**

No

Priority Payment

No

Confidential Payment

No

Intra-Company Indicator

No

Category Purpose Code **Purpose of Credit Transfer Code****Beneficiary Details****Beneficiary Name**

AN BORD PLEANALA

Beneficiary IBAN

IE70AIBK93105500316067

Beneficiary Bank SWIFTBIC

AIBKIE2D

Beneficiary Address**Beneficiary Bank Name and Address**

AIB BANK

Staff Business Unit

AIB10 MOLESWORTH STREETDUBLIN 2,

Beneficiary Country

IE - Ireland

Beneficiary Bank Country

IE - Ireland

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