

Appendix 1-3

**Consultee Responses Received to Preliminary
Notification Document**

Caitriona Fox

From: Arlene White [info@clarewalks.ie]
Sent: 07 January 2019 13:11
To: Caitriona Fox
Subject: RE: Consultation on Proposed Wind Farm Development at Sleive Bernagh, Co. Clare [Filed 14 Jan 2019 09:57]

Dear Caitriona.

I am writing to you on behalf of Clare Walks Ltd., a voluntary organisation who maintains and manages both the East Clare Way and the Mid Clare Way long distance walking routes in Co. Clare.

We were recently given a copy the Preliminary Project details for this proposed Wind Farm and notice from one of the maps that it will have quite a significant impact on the East Clare Way walking trial. As our organisation was not contacted directly, we would like to enquire if this has been discussed, and if so, if plans have been put in place to deal with same.

Should you have any queries, or require any further information, please do not hesitate to contact me.

With thanks.

Kind Regards

Arlene White

Co-ordinator

T: 065-6835912

M: 086-3586293

W: www.clarewalks.ie



ClareWalksLtd



Virus-free. www.avast.com



17 December 2018

Malachy Walsh and Partners,
Engineering and Environmental Consultants,
Reen Point
Blennerville,
Tralee,
Co. Kerry

Malachy Walsh and Partners

Date: 19/12/2018

Action: CF

Project No: 19107

PO No: W.A.

Re: Proposed Wind Farm Development at Slieve Bernagh, Co. Clare

Dear Sir/Madam,

The following are the comments from this Division in relation to the proposed development:

If the proposed development will involve the felling or removal of any trees, the developer must obtain a Felling License from this Department before trees are felled or removed. A Felling Licence application form can be obtained from **Felling Section, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford**. Tel: 076-1064459, Web <https://www.agriculture.gov.ie/forests-service/tree-felling/tree-felling/>

A Felling Licence granted by the Minister for Agriculture, Food and the Marine provides authority under the Forestry Act 2014 to fell or otherwise remove a tree or trees and/or to thin a forest for silvicultural reasons. The Act prescribes the functions of the Minister and details the requirements, rights and obligations in relation to felling licences. The principal set of regulations giving further effect to the Forestry Act 2014 are the Forestry Regulations 2017 (S.I. No. 191 of 2017).

The developer should take note of the contents of **Felling and Reforestation Policy** document which provide a consolidated source of information on the legal and regulatory framework relating to tree felling; <https://www.agriculture.gov.ie/media/migration/forestry/tree-felling/FellingReforestationPolicy240517.pdf>. As this development is within a forest lands particular attention should be paid to deforestation, turbulence felling and the requirement to afforest alternative lands.

In order to ensure regulated forestry operations in Ireland accord with the principles of sustainable forest management (SFM), as well fulfilling the requirements of other relevant environmental protection laws, the Department (acting through its Forest Service division) must undertake particular consultations and give certain matters full consideration during the assessment of individual Felling Licence applications. This includes consultation with relevant bodies, the application of various protocols and procedures (e.g. Forest Service Appropriate Assessment Procedure), and the requirement for applicants on occasion to provide further information (e.g. a Natura Impact Statement).



Consequently, when the Forest Service is considering an application to fell trees, the following applies:

1. The interaction of these proposed works with the environment locally and more widely, in addition to potential direct and indirect impacts on designated sites and water, is assessed. Consultation with relevant environmental and planning authorities may be required where specific sensitivities arise (e.g. local authorities, National Parks & Wildlife Service, Inland Fisheries Ireland, and the National Monuments Service);
2. Where a tree Felling Licence application is received, the Department will publish a notice of the application before making a decision on the matter. The notice shall state that any person may make a submission to the Department within 30 days from the date of the notice. The notices for 2018 are published online at:
<https://www.agriculture.gov.ie/forests-service/publicconsultation/environmentalimpactassessment-eia-publicconsultation-for-afforestation-forest-road-construction-and-felling-licences-2018/>
3. Third parties that make a submission or observation will be informed of the decision to grant or refuse the licence and on request details of the conditions attached to the licence, the main reasons and considerations on which the decision to grant or refuse the licence was based, and where conditions are attached to any licence, the reasons for the conditions. Both third parties and applicants will be also informed of their right to appeal any decision within 28 days to the Forestry Appeals Committee. Felling Licence decisions for 2018 are published online at:
<https://www.agriculture.gov.ie/forests-service/publicconsultation/environmentalimpactassessment-2018-register-of-decisions/>

It is important to note that when applying to a Local Authority or An Bord Pleanála for planning permission where developments are:

- a) subject to an EIA procedure (including screening in the case of a sub-threshold development) and any resulting requirement to produce an EIAR; and/or
- b) subject to an Appropriate Assessment procedure (including screening) and any resulting requirement to a Natura Impact Statement (NIS); and
- c) the proposed development in its construction or operational phases, or any works ancillary thereto, would directly or indirectly involve the felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species,



1. that there is a requirement inter alia under the EIA Directive for an overall assessment of the effects of the project or the alteration thereof on the environment to be undertaken, including the direct and indirect environmental impact of the project;

and
2. pursuant to Article 2(3) of the EIA Directive the Department of Agriculture, Food and the Marine strongly recommends that notwithstanding the fact that a parallel consent in the form of felling licence may also have to be applied for, any EIAR and/or NIS produced in connection with the application for planning permission to the Local Planning Authority or An Bord Pleanála should include an assessment of the impact of and measures, as appropriate, to prevent, mitigate or compensate for any significant adverse effects direct or indirect identified on the environment arising from such felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species.

Yours sincerely,

Janet Farrell
Felling Section
Department of Agriculture, Food and the Marine
Johnstown Castle
Co Wexford
e-mail: felling.forests@agriculture.gov.ie



Your Ref: Ring Fort

Our Ref: G Pre00319/2018 *(Please quote in all related correspondence)*

28 March 2019

Malachy Walsh and Partners
Consulting Engineers,
Reen Point
Blennerville
Tralee
Co Kerry

Via email to: caitriona.fox@mwp.ie

Re: Notification to the Minister for Culture, Heritage and the Gaeltacht under the Planning and Development Act, 2000, as amended.

Proposed Development: Consultation on Proposed Wind Farm Development

A chara

On behalf of the Department of Culture, Heritage and the Gaeltacht, I refer to correspondence received in connection with the above.

Outlined below are heritage-related observations/recommendations of the Department under the stated heading(s).

Archaeology

All proposed development and strategies should be in compliance with the National Monuments Acts 1930 to 2004 and with the national policy on protection of archaeological heritage – ‘Framework and Principles for the Protection of the Archaeological Heritage’ published in 1999 by the Department of Arts, Heritage, Gaeltacht and the Islands.

1. General Guidance
2. All areas of archaeological heritage should be addressed, including;
 - a. Immovable cultural heritage e.g., monuments and ancient field boundaries.
 - b. Underwater cultural heritage.
 - c. Movable cultural heritage e.g., loose carved stones, sculptures, architectural fragments etc.



3. All proposed development within proximity to archaeological monuments should be subject to appropriate consultation, at the earliest possible stage, with the Department of Arts, Heritage and the Gaeltacht.
4. All impacts which may impinge on the archaeological heritage should be assessed by a suitably qualified archaeologist.
5. Where appropriate, specialists in the field of archaeological heritage should be consulted throughout the process, from design through to implementation.
6. All surveys pertaining to archaeological heritage must be of a high standard in order to allow informed decisions to be taken.
7. All impacts must be assessed, to include ground disturbance, impacts on the setting of the monuments and visual impacts. These should include direct, indirect, temporary and cumulative impacts.
8. Mitigation of impacts, identified through consultation, should be taken into account within the development at the earliest possible stages. Various approaches should be considered, such as avoidance, design modification and relocation where appropriate.
9. Where there are no archaeological monuments present but the development is large in scale, e.g., over 0.5 hectares in area and over 1 kilometre in length, it is recommended that an archaeological assessment should be undertaken, unless there are substantial grounds to show that it is not necessary. Refer to Framework and Principles for the Protection of the Archaeological Heritage 1999, in particular section 3.6.6 in regard to EIA.

Further information and relevant publications can be obtained on www.archaeology.ie

Underwater Archaeology

The Underwater Archaeology Unit agrees that the proposed wind farm development should be subject to the appropriate cultural heritage assessments in advance to determine potential impacts for both terrestrial and underwater cultural heritage. The proposed location of the farm and its associated infrastructure contains watercourses that could contain previously unrecorded underwater cultural heritage.

Any resultant appropriate assessment report should contain a detailed Cultural Heritage Section that looks to assess all aspects of the proposed development, including a detailed desktop study that addresses the terrestrial and underwater cultural heritage. This should include assessment of the known and potential cultural heritage in all areas to be impacted by any future works, both direct and indirect.



An Archaeological Impact Assessment (AIA) and Underwater Archaeological Impact Assessment (UAIA) should form part of the appropriate assessment and should be undertaken by suitably qualified and suitably experienced archaeological personnel.

Terrestrial & Underwater Archaeology:

In The Record of Monuments and Places (RMP) recorded archaeological sites may be located within the areas addressed. These Recorded Monuments are protected under the National Monuments (Amendment) Acts. The RMP is not an exhaustive list of all archaeology in existence, and in this regard DCHG would like to draw the applicant's attention to the Department's published policy in relation to the archaeological assessment of large-scale developments on sites where there are no previously recorded monuments (Framework and Principles for the Protection of the Archaeological Heritage – Published by Dúchas The Heritage Service).

Similarly, contained within the areas covered are underwater environments. These may contain known and previously unknown underwater archaeological heritage that should be considered in any appropriate assessment.

It is the policy of The Heritage & Planning Division and the Underwater Archaeology Unit that proposed developments, due to their location, size, or nature, that may have implications for the archaeological heritage should be subject to archaeological assessment. Such developments include those that are located at or close to an archaeological monument or site, those that are extensive in terms of area (1/2 hectare or more) or length (1 kilometre or more), those that may impact the underwater environment (marine, intertidal/foreshore, riverine or lacustrine) and developments that require an Environmental Impact Statement. Archaeological heritage includes:

- National Monuments in the ownership or care of the State or Local Authority; it shall be noted that these will have Consent requirements and will need to be addressed directly with the National Monuments Service in this regard.
- Archaeological and Architectural monuments/sites in the Record of Monuments and Places.
- Monuments in the Register of Historic Monuments
- Zones of Archaeological Potential in Historic Towns
- Underwater Archaeological Heritage, including Historic Wrecks
- Previously unknown and unrecorded archaeological sites (including subsurface elements with no visible surface remains and potential sites underwater in rivers, lakes or the sea, that can include wharves, jetties, quays, piers, fish traps, anchorages, bridges, fording points, rockcut steps or sea caves)
- Potential sites located in the vicinity of large complexes of site or monuments
- Present or former wetlands, unenclosed land, rivers or lakes, reclaimed areas, or the inter-tidal zone.



You are requested to send further communications to this Department's Development Applications Unit (DAU) at manager.dau@ahg.gov.ie (team monitored); if this is not possible, correspondence may alternatively be sent to:

The Manager
Development Applications Unit (DAU)
Department of Culture, Heritage and the Gaeltacht
Newtown Road
Wexford
Y35 AP90

Is mise, le meas

A handwritten signature in black ink, which appears to read 'Diarmuid Buttimer', is positioned above the printed name.

Diarmuid Buttimer
Development Applications Unit

Caitriona Fox

From: Julie Fossitt [Julie.Fossitt@chg.gov.ie]
Sent: 08 March 2019 14:28
To: Caitriona Fox
Cc: Manager Dau
Subject: Proposed windfarm development at Slieve Bearnagh, Co. Clare: G pre00312/2018

Caitriona

I refer to your correspondence of 04/12/18 to this Department in relation to a proposed windfarm development at Slieve Bearnagh, Co. Clare (our ref. G pre00312/2018), and to our brief telephone conversation today. As I outlined, it seems there has been a substantial delay in referring the case internally to the heritage sections of the Department. My apologies, therefore, for the lack of an earlier response.

I note that the project is at an early stage in its planning and design, and that Malachy Walsh and Partners are acting on behalf of Coillte. The proposed development site, including a layout for up to 24 turbines, is a large conifer plantation on the northern and western slopes of Slieve Bearnagh. I understand that an EIAR is in preparation.

As an initial response to your consultation, you are advised to consult the 'Planning' section of the NPWS website - <https://www.npws.ie/development%20consultations> - as this contains text/advice on consulting NPWS in relation to 'development applications', data and information sources, and the basic elements of environmental assessments that may be required.

You are also advised to consult the European Commission's (2017) '*Environmental Impact Assessment: Guidance on the preparation of the Environmental Impact Assessment Report (Directive 2011/92/EU as amended by 2014/52/EU)*'. Any surveys and assessments should be based on a full details of the overall project, noting all lands that will be required. For a detailed list of potential considerations, see the 'Review checklist', and specifically 'Section 1 – Description of the project', in this guidance. Note also that if compensatory afforestation is required on other lands, the likely significant effects of that integral element of the development should be assessed in the main project EIAR.

At this early stage of project planning, the focus should be on avoidance of sensitive ecological and other environmental features in the first instance, followed by mitigation and then compensation, where necessary. Site selection, and the layout and size of the project should be informed by a constraints-type approach using available data and carrying out surveys where necessary.

You are advised that no disturbing or damaging site or ground investigations, or testing, should take place in an ecological site, including European sites, in advance of the main project consent without due consideration of the need for planning permission (for exempted development where there are restrictions on exemptions), or another consent.

Please feel free to consult the Department again as the project progresses, quoting the reference number allocated. A meeting with NPWS can also be arranged if that would be of assistance.

Regards,
Julie

Julie Fossitt BA, PhD, MCIEEM
Divisional Ecologist

An Roinn Cultúir, Oidhreacht agus Gaeltachta
Department of Culture, Heritage and the Gaeltacht
An tSeirbhís Páirceanna Náisiúnta agus Fiadhúlra
National Parks and Wildlife Service
Teach an Chustaim, Lána an Droichid, Gaillimh H91 XV2C
Custom House, Druid Lane, Galway H91 XV2C

—
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www.gov.ie

From: Manager Dau
Sent: 05 December 2018 15:01
To: caitriona.fox@mwp.ie
Subject: Consultation on Proposed Wind Farm at Slieve Bernagh, Co. Clare

Our Ref: G Pre 00319/2018 (Please quote in all related correspondence)

A Chara

On behalf of the Department of Culture, Heritage and the Gaeltacht, I acknowledge receipt of your recent consultation. In the event of observations, you will receive a response by email from Development Applications Unit (DAU) on behalf of the Department.

The normal target turnaround is six weeks from date of receipt. If observations are received before this time, DAU will be in contact at that stage.

If you have not heard from DAU and wish to receive an update, please telephone the direct line number below or email manager.dau@chg.gov.ie.

Le meas
Diarmuid Buttimer

Diarmuid Buttimer
Executive Officer

—
An Roinn Cultúir, Oidhreachta agus Gaeltachta
Department of Culture, Heritage and the Gaeltacht

Aonad na nIarratas ar Fhorbairt
Development Applications Unit

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90

—
T +353 (0)53 911 7326
manager.dau@chg.gov.ie
www.chg.gov.ie

Is faoi rún agus chun úsáide an té nó an aonán atá luaite leis, a sheoltar an ríomhphost seo agus aon comhad atá nasctha leis. Má bhfuair tú an ríomhphost seo trí earráid, déan teagmháil le bhainisteoir an chórais.

Deimhnítear leis an bhfo-nóta seo freisin go bhfuil an teachtaireacht ríomhphoist seo scuabtha le bogearraí frithvórais chun vórais ríomhaire a aimsiú.

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager.

Caitriona Fox

From: Yvonne Jackson [Yvonne.Jackson@failteireland.ie]
Sent: 19 December 2018 15:28
To: Caitriona Fox
Subject: Re: Consultation on Proposed Wind Farm Development Slieve Bernagh, Co. Clare [Filed 19 Dec 2018 15:29]
Attachments: EIS & Tourism Guidelines.pdf

Hello Caitriona,

Thank you for your recent letter regarding the **proposed Wind Farm Development at Slieve Bernagh, Co. Clare.**

Please see attached a copy of Fáilte Ireland's Guidelines for the treatment of tourism in an EIS, which we recommend should be taken into account in preparing the EIAR.

Also, for future correspondence by letter can I ask you to please send correspondence to Fáilte Ireland, Manager of Environment & Planning...also any planning notifications, queries, or documents can be sent by email to planning.applications@failteireland.ie

Regards & thanks,

Yvonne

Yvonne Jackson

Product Development Support-Activities | Fáilte Ireland
Áras Fáilte, 88/95 Amiens Street, Dublin 1. D01WR86
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Caitriona Fox

From: Kate Ruddock - Friends of the Earth [kate@foe.ie]
Sent: 07 December 2018 08:05
To: Caitriona Fox
Subject: Wind Farm Slieve Bernagh [Filed 10 Dec 2018 10:30]

Dear Caitriona,

Many thanks for consulting with Friends of the Earth on the proposed wind farm at Slieve Bernagh.

Could you please outline if the developer has any plans for community participation/community ownership in the proposed project, and if any community information workshops/events are planned at this stage.

Without any more detailed information on the proposed project it is difficult for us to comment meaningfully at this time.

Please do keep us informed as the project progresses.

Many thanks,
Kate Ruddock

--

Kate Ruddock
Deputy Director
Friends of the Earth
9 Upper Mount Street
Dublin 2
Ireland

+353-1-6394652
www.foe.ie

I work Tuesday, Wednesday and Thursday



Malachy Walsh and Partners,
Reen Point,
Blennerville,
Tralee,
Co Kerry.
V92 X2TK

18 December, 2018.

Re: Consultation on Proposed Wind Farm Development at Slieve Bernagh, Co Clare.

Your Ref: 19107-6010-A

Our Ref: 18/157

A chara,

With reference to your letter received on 07 December, 2018, concerning the proposed development of a wind farm at Slieve Bernagh, Geological Survey Ireland (a division of Department of Communications, Climate Action and Environment) would like to make the following comments.

Geological Survey Ireland provides information on all aspects of the geology of Ireland on our Map Viewer available on the GSI website www.gsi.ie. There are multiple layers of data available including Geology, Groundwater, Quaternary, Landslides, and Geological Heritage. Our newest map is the Physiographic Units map and this is especially designed to give information on land use. We would encourage the use of our [Map Viewer](#) when preparing the EIAR.

Geoheritage

Geological Survey Ireland (GSI) is in partnership with the National Parks and Wildlife Service (NPWS, Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs) to identify and select important geological and geomorphological sites throughout the country for designation as geological NHAs (Natural Heritage Areas). This is addressed by the Irish Geoheritage Programme (IGH) of GSI, under 16 different geological themes, in which the minimum number of scientifically significant sites that best represent the theme are rigorously selected by a panel of theme experts.

County Geological Sites (CGS), as adopted under the National Heritage Plan, include additional sites that may also be of national importance but which were not selected as the very best examples for NHA designation. All geological heritage sites identified by GSI are categorised as CGS pending any further NHA designation by NPWS. CGS are now routinely included in County Development Plans and in the GIS of planning departments, to ensure the recognition and appropriate protection of geological heritage within the planning system.

County Geological Sites in audited and unaudited counties can now be viewed online under the Geological Heritage tab on the Geological Survey Public Data Online Viewer at: [Geological Survey's Online Viewer](#) or via a direct link at: [Geoheritage Online Viewer](#).

There are no CGSs located within the vicinity of the site. With the current plans, there is no envisaged impact on the integrity of County Geological Sites by the proposed developments. However, if the proposed development plan is altered, please contact Siobhán Power at Siobhan.Power@gsi.ie for further information and possible mitigation measures if applicable.

Groundwater

It should be noted that according to the Groundwater layer on our Map Viewer, the site is located within an area with High to Extreme Groundwater Vulnerability. This should be taken into account when undertaking planning.



Recommendations

Should development go ahead, all other factors considered, Geological Survey Ireland would much appreciate a copy of reports detailing any site investigations carried out. Should any significant bedrock cuttings be created, we would ask that they will be designed to remain visible as rock exposure rather than covered with soil and vegetated, in accordance with safety guidelines and engineering constraints. In areas where natural exposures are few, or deeply weathered, this measure would permit on-going improvement of geological knowledge of the subsurface and could be included as additional sites of the geoheritage dataset, if appropriate. Alternatively, we ask that a digital photographic record of significant new excavations could be provided. Potential visits from Geological Survey Ireland to personally document exposures could also be arranged.

The data would be added to GSI's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to Beatriz Mozo, Land Mapping Unit, at Beatriz.Mozo@gsi.ie, 01-678 2795.

Other Comments

Geological Survey Ireland is the national earth science agency and has datasets on Bedrock Geology, Quaternary Geology, Geological Heritage Sites, Mineral deposits, Groundwater Resources and the Irish Seabed. These comprise maps, reports and extensive databases that include mineral occurrences, bedrock/mineral exploration groundwater/site investigation boreholes, karst features, wells and springs. Please see our [website](#) for data availability.

I hope that these comments are of assistance, and if we can be of any further help, please do not hesitate to contact me, or one of my colleagues in the Geoheritage Programme (Sarah Gatley at Sarah.Gatley@gsi.ie or Siobhán Power at Siobhan.Power@gsi.ie).

Le meas,

Dylan Potter
Contract Geologist
Geoheritage Programme
Geological Survey Ireland

Irish Aviation Authority
The Times Building
11-12 D'Olier Street
Dublin 2, D02 T449,
Ireland

Údarás Eitlíochta na hÉireann
Foirgneamh na hAmanna
11-12 Sráid D'Olier
Baile Átha Cliath 2, D02 T449,
Éire

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28th August 2018

Ms Helen Burman Roy
Malachy Walsh Partners,
Reen Point,
Blennerville,
Tralee,
Co Kerry

Development: 19107 Site feasibility - Carrownagown Wind Farm - Co. Clare

Dear Helen

I refer to the request for planning permission for the above development, details of which were received by the Irish Aviation Authority from your company.

It is the observation of the Irish Aviation Authority that the proposed windfarm would result in unacceptable disruptions to the required flight checking of the Instrument Landing System (ILS) for Runway 24 at Shannon airport. As a result, the developer should commission an approved Instrument Flight Procedures design organisation to complete a study to ensure the development does not adversely affect flight check profiles. Such organisation would be required to contact the Engineering function of the Irish Aviation Authority to obtain specific details.

In the event of planning consent being granted, the applicant should be conditioned to contacting 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 tip height elevations at each wind turbine location
- (3) Notify the Authority of intention to commence crane operations with a minimum of 30 days prior notification of their erection

Yours sincerely

Deirdre Forrest
Corporate Affairs

Bord Stiúrthóirí/Board of Directors

Peter Kearney (Príomhtheidhmeannach/Chief Executive)
Marie Bradley, Ernie Donnelly, Pascal Fitzgerald,
Michael Norton

Oifig Chláraithe:

Foirgneamh na hAmanna, 11-12 Sráid D'Olier
Baile Átha Cliath 2, D02 T449, Éire
Uimhir Chláraithe: 211082. Áit Chláraithe: Éire
Cuideachta Dlíteanais Theoranta

Registered Office:

The Times Building, 11-12 D'Olier Street
Dublin 2, D02 T449, Ireland
Registered No. 211082. Registered in Ireland
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Irish Aviation Authority
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12th December 2018

Ms Caitriona Fox
Malachy Walsh Partners,
Reen Point,
Blennerville,
Tralee,
Co Kerry

Development: Consultation on Proposed Wind Farm Development at Slieve Bernagh, Co. Clare

Dear Caitriona

I refer to the request for planning permission for the above development, details of which were received by the Irish Aviation Authority from your company.

It is the observation of the Irish Aviation Authority that based on information provided, that this farm will be sited approximately 25kms North East of Shannon Airport, request that the applicant will liaise with IAA-ANSP Engineering to confirm no impact on communication, navigation and surveillance aids for Shannon Airport or for impact to en route operations. 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 tip height elevations at each wind turbine location and (3) notify the Authority of intention to commence crane operations with a minimum of 30 days prior notification of their erection.

Contact details for ANSP Engineering are as follows:

Charlie O'Loughlin,
Manager Surveillance M&E Systems,
Irish Aviation Authority,
Shannon Area Control Centre,
Ballycasey Cross, Shannon, Co. Clare, Ireland.
Email: charlie.oloughlin@iaa.ie

Yours Sincerely

Deirdre Forrest
Corporate Affairs

Malachy Walsh and Partners

Date: 19/12/18
Action: CF
Project No. 19107
PO No.:

SCANNED

Project No.
Date:

Bord Stiúirtheoirí/Board of Directors

Michael McGrail (Cathaoirleach/Chairman),
Peter Kearney (Príomhfheidhmeannach/Chief Executive)
Marie Bradley, Ernie Donnelly, Michael Norton

Oifig Chláraithe:

Foirgneamh na hAmanna, 11-12 Sráid D'Olier
Baile Átha Cliath 2, D02 T449, Éire
Uimhir Chláraithe: 211082. Áit Chláraithe: Éire
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14th December 2018

Ms Caitriona Fox
Malachy Walsh Partners,
Reen Point,
Blennerville,
Tralee,
Co Kerry

Malachy Walsh and Partners

Date: 17/12/2018
Action: CF
Project No. 19107.
PO No.:

Development: Consultation on Proposed Wind Farm Development at Slieve Bernagh, Co. Clare

Dear Caitriona

I refer to the request for planning permission for the above development, details of which were received by the Irish Aviation Authority from your company.

It is the observation of the Irish Aviation Authority Engineering Department in Shannon that due to the size and location of the windfarm the IAA Navigation domain have two concerns about this proposed windfarm:

1. The wind farm could adversely affect the radiated signal from ILS 24.
2. The wind farm could result in unacceptable disruptions to the required flight checking of the Instrument Landing System (ILS) for Runway 24 at Shannon airport.

As a result, the developer should commission two different studies one to ensure the ILS signal are not adversely affected by the development and one to ensure the development does not adversely affect flight check profiles. Below are the contact details of companies that can complete these assessments.

Such organisation would be required to contact the Engineering function of the Irish Aviation Authority to obtain specific details.

Flight inspection profile assessments

NATS, Mike SPANNER
Mike.SPANNER@nats.co.uk

Companies that can assess the effect of development on ILS signals.

NATS

NSL Safeguarding, NSLSafeguarding@nats.co.uk
Peter Thirkettle
Senior Safeguarding Engineer
D: 02087503665
M: 07799347018
peter.thirkettle@nats.co.uk

Bord Stiúirthóirí/Board of Directors

Michael McGrail (Cathaoirleach/Chairman),
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Yours Sincerely

Deirdre Forrest
Corporate Affairs



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From: Michael Fitzsimons [Michael.Fitzsimons@fisheriesireland.ie]
Sent: Thursday, July 26, 2018 6:20 PM
To: Gerard Hayes
Subject: Carrownagowan 25 wind turbine development

Hi Gerard.

Apologies for not replying to your email sooner it is just taken a bit of time to get round to it. I am indeed interested in responding to your scoping request. This development is entirely in the lower Shannon catchment area and the watercourses in the area are considered important fisheries.

The Owenogarney River and its tributaries are considered by IFI to be important for both salmon and trout spawning.

The Annacarriga River is considered an to be more important as a trout spawning River. Please be aware that Peat stability in this catchment has posed problematic in the past and a significant peat slip took place in the 1980s causing significant water quality problems and a fish kill.

Arising from the above I would be in a position to respond in a more detailed manner in the next couple of days.

Regards
Mike

Michael Fitzsimons,
Senior Fisheries Environment Officer,

Inland Fisheries Ireland (Shannon IRBD), Ashbourne Business Park, Dock Road, Limerick,
Ireland. V94 NPEO

Tel: +353(0)61- 300 238. Fax:+353(0)61- 300 308

Email: m.fitzsimons@fisheriesireland.ie<<mailto:m.fitzsimons@fisheriesireland.ie>>

Ms. Catriona Fox
Malcahy Walsh and Partners
Reen Point
Blennerville
Tralee
Co. Kerry

Dáta | Date
20 December 2018

Ár dTag | Our Ref.
TII18-104079

Bhur dTag | Your Ref.

RE: EIA Scoping Request for proposed wind farm development at Slieve Bernagh, Co. Clare for Coillte.

Dear Ms. Fox,

Transport Infrastructure Ireland (TII) acknowledges receipt of your EIA Scoping request in respect of the above proposed project. The position in relation to your correspondence is as follows.

National Strategic Outcome 2 of the National Planning Framework includes the objective to maintain the strategic capacity and safety of the national roads network. It is also an investment priority of the National Development Plan, 2018 – 2027, to ensure that the extensive transport networks which have been greatly enhanced over the last two decades, are maintained to a high level to ensure quality levels of service, accessibility and connectivity to transport users. The issuing of this correspondence is provided as best practice guidance only and does not prejudice TII's statutory right to make any observations, requests for further information, objections or appeals following the examination of any valid application referred.

The approach to be adopted by TII in making such submissions or comments will seek to uphold official policy and guidance as outlined in the Spatial Planning and National Roads Guidelines for Planning Authorities (2012). Regard should also be had to other relevant guidance and circulars available at www.TII.ie. In this instance, the proposed Preliminary Project Details present a windfarm scheme of over 50MW capacity and up to 24 no. turbines to be submitted for consideration as a Strategic Infrastructure Development (SID). The Preliminary Project Details note at section 2.5 that access to the land can be from the north from Ballydonaghan or Caherhurley and that an assessment of the delivery route is underway.

With respect to EIA Scoping issues, the recommendations indicated below provide only general guidance for the preparation of EIA, which may affect the national roads network. The developer should have regard, *inter alia*, to the following:

1. As set out in the Spatial Planning and National Roads Guidelines, it is in the public interest that, in so far as is reasonably practicable, the national road network continues to serve its intended strategic purpose. The EIA should identify the methods/techniques proposed for any works traversing/in proximity to the national road network in order to demonstrate that the development can proceed complementary to safeguarding the capacity, safety and operational efficiency of that network.
2. Consultations should be had with the relevant Local Authority/National Roads Design Office with regard to locations of existing and future national road schemes.

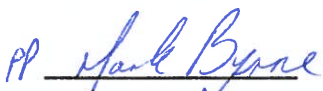
Próiseálann BIÉ sonraí pearsanta a sholáthraítear dó i gcomhréir lena Fhógra ar Chosaint Sonraí atá ar fáil ag www.tii.ie.
TII processes personal data in accordance with its Data Protection Notice available at www.tii.ie.

3. In relation to cabling and potential connection routing, the scheme promoter should note locations of existing and future national road schemes and develop proposals to safeguard proposed road schemes. In the context of existing national roads, alternatives to the provision of cabling along the national road network, such as alternative routing or the laying of cabling in private lands adjoining the national road, should be considered in the interests of safeguarding the investment in and the potential for future upgrade works to the national road network. The cable routing should avoid all impacts to existing TII infrastructure such as traffic counters, weather stations, etc. and works required to such infrastructure shall only be undertaken in consultation with and subject to the agreement of TII, any costs attributable shall be borne by the applicant/developer. The developer should also be aware that separate approvals may be required for works traversing the national road network.
4. Clearly identify haul routes proposed and fully assess the network to be traversed. Separate structure approvals/permits and other licences may be required in connection with the proposed haul route and all structures on the haul route should be checked by the applicant/developer to confirm their capacity to accommodate any abnormal load proposed.
5. Where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment may be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site with reference to impacts on the national road network and junctions of lower category roads with national roads. TII's Traffic and Transport Assessment Guidelines (2014) should be referred to in relation to proposed development with potential impacts on the national road network. The scheme promoter is also advised to have regard to Section 2.2 of the TII TTA Guidelines which addresses requirements for sub-threshold TTA.
6. TII Standards should be consulted to determine the requirement for Road Safety Audit (RSA) and Road Safety Impact Assessment (RSIA).
7. Assessments and design and construction and maintenance standards and guidance are available at [TII Publications](#) that replaced the NRA Design Manual for Roads and Bridges (DMRB) and the NRA Manual of Contract Documents for Road Works (MCDRW).
8. The developer, in conducting Environmental Impact Assessment, should have regard to TII Environment Guidelines that deal with assessment and mitigation measures for varied environmental factors and occurrences. In particular;
 - a. TII's Environmental Assessment and Construction Guidelines, including the *Guidelines for the Treatment of Air Quality During the Planning and Construction of National Road Schemes* (National Roads Authority, 2006),
 - b. The EIAR should consider the Environmental Noise Regulations 2006 (SI 140 of 2006) and, in particular, how the development will affect future action plans by the relevant competent authority. The developer may need to consider the incorporation of noise barriers to reduce noise impacts (see *Guidelines for the Treatment of Noise and Vibration in National Road Schemes* (1st Rev., National Roads Authority, 2004)).

Notwithstanding, any of the above, the developer should be aware that this list is non-exhaustive, thus site and development specific issues should be addressed in accordance with best practice.

I hope that the above comments are of use in your scoping process.

Yours sincerely,


Michael McCormack
Senior Land Use Planner



Comhairle Contae Thiobraid Árann
Tipperary County Council

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Oifigí Cathartha,
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Ref:

10th December, 2018

Caitriona Fox,
Malachy Walsh & Partners,
Reen Point,
Blennerville,
Tralee,
Co. Kerry

Re: **Consultation on Proposed Wind Farm Development at Slieve Bernagh,
Co. Clare.**

A Chara

I acknowledge receipt of your letter for consultation on proposed wind farm development at Slieve Bernagh, Co. Clare received in this office on 5th December, 2018.

Tipperary County Council Planning Section would advise that the visual impact assessment should consider the impact on the Primary Amenity Area in Co. Tipperary.

Yours faithfully,


for Director of Services

Malachy Walsh and Partners

Date: 13.12.18
Action: cf
Project No. 19107
PO No.:

SCANNED