

Jennings O'Donovan & Partners Limited,
Finisklin Business Park
Co, Sligo
F91 RHH9

Uisce Éireann
Bosca OP 6000
Baile Átha Cliath 1
D01 WA07
Éire

Irish Water
PO Box 6000
Dublin 1
D01 WA07
Ireland

T: +353 01 89 25000
T: +353 01 89 25001
www.water.ie

28th September 2021

Re: EIAR Scoping Request – Dereenacrinnig Wind Farm Grid Connection, Co Cork

Dear Ms Gallagher,

Irish Water (IW) has received notification of your request in respect of the Environmental Impact Assessment Report (EIAR) scoping for the proposed wind farm grid connection in Co. Cork.

Please see attached our suggested scope in relation to Water Services. On receipt of the planning referral, Irish Water will review the EIAR as part of the planning process

Queries relating to the terms and observations above should be directed to planning@water.ie

Yours sincerely,

Signed on behalf of Irish Water:

PP: Ali Robinson

Yvonne Harris
Connections and Development Services

Response to EIAR Scoping Report Requests

IW currently does not have the capacity to advise on scoping of individual projects. However, in general we would like the following aspects of Water Services to be considered in the scope of an EIAR where relevant;

- a) Where the development proposal has the potential to impact an IW Drinking Water Source the applicant shall provide details of measures to be taken to ensure that there will be no negative impact to IWs Drinking Water Source during construction and operational phases of the development. It is a requirement of the Water Framework Directive that waters used for the abstraction of drinking water are protected so as to avoid deterioration in quality.
- b) The waste sampling strategy for the proposed development to ensure the material is inert.
- c) Mitigation proposed for any potential negative impacts on any water source(s), in proximity including the environmental management plan and incident response.
- d) Any and all potential impacts on the nearby reservoir as public water supply water source is assessed, including any impact on hydrogeology and any groundwater/ surface water interactions.
- e) 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. All pre-connection enquiry forms are available from <https://www.water.ie/connections/get-connected/>
- f) Any up-grading of water services infrastructure that would be required to accommodate the development.
- g) 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
- h) 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
- i) Any physical impact on IW assets – reservoir, drinking water source, treatment works, pipes, pumping stations, discharges outfalls etc. including any relocation of assets
- j) If you are considering a development proposal, it is best practice to contact us in advance of designing your proposal to determine the location of public water services assets. Details, where known, can be obtained by emailing an Ordinance

Sarah Gallagher

From: Ger Faughnan (PEHO) <Ger.Faughnan@hse.ie> on behalf of Ger Faughnan (PEHO)
Sent: Tuesday 5 October 2021 08:26
To: sgallagher@jodireland.com
Subject: FAO Breena Coyle. SCOPING REQUEST FOR GRID CONNECTION BALLYLICKEY TO DUNMANWAY, CO CORK. HSE RESPONSE 04 19 2021
Attachments: HSE submission Dereenacrinnig Wind Farm Grid Connection Co Cork Scopingdocx; Cover Letter on EIA Scoping Request Grid connection Ballylickey Dunmanway. 09 2021.pdf; HSE South Emergency Management Consultation Report EMENV 098.docx; ETHANE Aide Memoire 2.pdf

Dear Ms Coyle.

Please find attached HSE response to scoping request. Should you have any queries, please contact me at the numbers below

Regards
Ger Faughnan
Principal Environmental Health Officer

Address: Environmental Health Dept, HSE South Elmwood House, Lurriga, Skibbereen, Co Cork. P81 FC83
Phone: 028 51456, 02388 63026 or 087 241 5141
Email: Ger.Faughnan@hse.ie

For up to date information about Coronavirus COVID-19 please go to the Health Service Executive website www.hse.ie; www.hpsc.ie; www.who.int/emergencies/diseases/novel-coronavirus-2019.
Also please refer to the Frequently Asked Questions section on the Coronavirus COVID-19 and Food, including good personal hygiene practices, on the Food Safety Authority of Ireland website <https://www.fsai.ie/faq/coronavirus.html>





October 6th 2021

Ms Breena Coyle,
Jennings O'Donovan & Partners Limited,
Finisklin Business Park,
Sligo.

Consultant's reference: 4636/003/503/SL/BC/SG
Re: EIA Scoping Report
Proposed development: Proposed Grid Connection from Dereenacreene West Wind Farm, Co. Cork to an ESB substation in Ballylickey, Dunmanway, Co. Cork
Applicant: ESB Networks Ltd.
EHIS Reference: 1944

Dear Ms Coyle

Please find enclosed the HSE Consultation Report in relation to the above proposal.

The following HSE departments were made aware of the consultation request for the proposed development on September 8th 2021

- Emergency Planning – David O'Sullivan
- Estates – Helen Maher
- Assistant National Director for Health Protection – Kevin Kelleher/ Helen Mulcahy
- CHO – Michael Fitzgerald

If you have any queries regarding this report the initial point of contact is Ms Ger Faughnan, Principal Environmental Health Officer who will refer your query to the appropriate person.

Yours sincerely

Ger Faughnan
Principal Environmental Health Officer

HSE EIAR Scoping Report

Environmental Health Service Consultation Report

(as a Statutory Consultee under the Planning and Development Acts 2000 (as amended) & Regulations made thereunder)

Date:	October 6 th 2021
Proposed Development:	Construction of a 14km 20kV grid connection from the Dereenacreeing West Wind Farm, Co. Cork to an ESB Substation in Ballylickey, Dunmanway, Co Cork
Applicant:	ESB Networks Ltd
Our reference:	EHIS 1944
Report to:	Breena Coyle, Jennings O'Donovan & Partners Ltd, Finisklin Business Park, Sligo F91 RHH9
Consultant's reference:	4636/003/503/SL/BC/SG
Type of consultation:	Scoping Consultation

This report only comments on Environmental Health impacts of the proposed development. The Environmental Health Service has made observations on the following specific areas:

Description of the Project

The EIAR must fully describe the characteristics and construction of the project and the reasons for proposing same. It should also describe the existing physical environment and detail any potential impacts on the existing environment both during the construction and operational phases of the project

Consideration of Alternatives

The EIAR should fully describe and consider any alternatives to this project. The applicant should outline a rationale for site selection and the proposed grid connection design.

Public Consultation

The scoping document should describe measures the applicant shall take to inform the public about the project. Details of feedback from the public regarding the proposal should be included within the EIAR. Public consultation should be a two way process between the applicant and the public. The EIAR should clearly demonstrate how the legitimate concerns of the public have been assessed and evaluated and how the outcome of consultation with the public influenced decision making within the EIA.

Construction

A construction management plan should be provided with the EIAR. This should comprehensively outline working procedures and any necessary mitigation measures that will be provided. The impact of construction work along with the impact of increased construction traffic on residents in the vicinity should be assessed in the EIAR. Mitigation and traffic management measures should be outlined.

Complaints procedure

The EIAR should include proposals for dealing with issues of nuisance from members of the public should they arise.

Noise

A full and thorough noise survey must be carried out to assess the impact of noise from the construction of the proposed grid connection on the residents living in the vicinity.

Up to date baseline monitoring should be carried out to establish the existing noise environment. All noise sensitive receptors in the vicinity of the route of the grid connection shall be identified. The selection of noise monitoring locations for background noise is of critical importance in the noise survey, therefore the rationale for choosing the number and the positioning of these should be provided by the applicant.

Once the existing noise environment has been established, the predicted increase in noise from the construction of the proposed grid connection should then be quantified and assessed. The potential cumulative effects of other wind farms, industry, quarrying etc. in the vicinity of the development should be assessed as part of the noise survey.

Geological Impacts/Land Stability

An assessment of the current ground stability of the site for the grid connection route should be included in the EIAR. The assessment should include the impact construction work will have on the future stability of ground conditions taking into account extreme weather events, site drainage, and the possibility for soil erosion.

Water

All drinking water sources, both surface and groundwater (including individual private wells) in the vicinity of the site shall be identified. Any potential impacts to these drinking water sources shall be assessed. Details of bedrock, overburden, vulnerability, groundwater flows and gradients, inner and outer zones of protection and catchment areas should all be considered when assessing potential impacts and possible mitigation measures. The EHS would recommend that all information is gathered by means of a site survey as desktop studies do not always accurately reflect the current use of water resources.

Dust

The impact of dust generation from construction should be assessed and a dust minimisation plan or similar mitigation measure that meets current national standards for construction sites should be outlined.

Ancillary Facilities

The EIAR should provide location details of any sanitary accommodation, canteen, disposal of waste water and the provision of potable drinking water supply.

Cumulative Impacts

In line with the EPA Guidelines on the information to be contained in Environmental Impact Statements (2002) and their Advice Notes on Current Practice in the preparation of Environmental Impact Statements (2003) the EIA should include the assessment of cumulative impacts of any other industrial or energy developments in the area e.g. quarrying, heavy industry, composting facilities and any other wind farms in the vicinity



Environmental Health Officer
Environment OU
Ennistymon Health Centre
Ennistymon
Co. Clare

HSE South Emergency Management Consultation Report

Report to	Ger Faughnan, PEHO West Cork	Date	8 th Sept., 2021
Type of consultation: EIS <input type="checkbox"/> Scoping X Screening <input type="checkbox"/> EIAR X EPA <input type="checkbox"/>			
Other (please specify):			
Authority	Cork County Council / HSE		
Consultant's Reference Number	4636/003/503 EHIS 1944 (CCC 10/857)		
EM Reference Number	EMENV 098		
Applicant / Consultants	Jennings O'Donovan Cons. Engineers for Dreenacreening West Wind Farm, Dunmanway Co. Cork		
Proposal	Grid connection for the previously constructed Dreenacreening West Wind Farm to an ESB sub-station at Ballylickey, Dunmanway, Co. Cork, for connection to the National Grid		

HSE South Emergency Management Observations:

Please be advised that the HSE South Emergency Management function does not have any specific observations to make with respect to this application. However, please note the following recommendations within the context of site operations:

1. Should an incident occur at the site and the site operator requires the assistance of the emergency services, the incident information should be provided in the 'ETHANE' format (please see attached).
2. Emergency Services access to the site should be clearly identified. This should be undertaken via appropriate high visibility signage, i.e.; a green sign with a yellow border and white lettering citing the abbreviation RVP
3. The site should have a mechanism in place to account for personnel during an evacuation in order to provide the responding emergency services with an estimate of the number of people accounted and unaccounted for.
4. The site should identify any critical / vulnerable facilities within the geographical catchment area, such as hospitals, schools, nursing homes, etc, that could be directly or indirectly affected by an incident at the site.
5. Where the 'off-site' impacts of an incident at the site affects a vulnerable cohort / population such as children within crèches, schools; patients / clients / residents within nursing homes, etc; the emergency services will require assistance from the site operator in determining the impact on the local community.
6. The site operator is encouraged to develop a business continuity plan that includes a plan for severe weather. For more advice on this, please see the Department of Business, Enterprise and Innovation, *Business Continuity Planning in Severe Weather*.
<https://dbe.gov.ie/en/Publications/Publication-files/Business-Continuity-Planning-in-Severe-Weather-Check-List-for-Businesses.pdf>

All correspondence or any queries with regard to this report should be forwarded to Ms. Maryanne Horgan, Emergency Management Office, HSE South, Eye, Ear and Throat Hospital, Western Road, Cork, T12 WP62 or maryanne.horgan@hse.ie

Sarah Gallagher

From: INFO <Information@tii.ie> on behalf of INFO
Sent: Thursday 23 September 2021 10:46
To: 'Sarah Gallagher'
Subject: EIAR scoping for Dereenacrinnig Wind Farm Grid Connection, Co. Cork. TII Ref: TII21-114989.

Dear Ms. Gallagher,

Thank you for your correspondence of 8 September 2021 regarding as EIAR scoping for Dereenacrinnig Wind Farm Grid Connection, Co. Cork.. The position in relation to your enquiry is as follows.

Transport Infrastructure Ireland (TII) will endeavour to consider and respond to planning applications referred to it, given its status and duties as a statutory consultee under the Planning Acts. The approach to be adopted by TII in making such submissions or comments will seek to uphold official policy and guidelines, as outlined in the Section 28 Ministerial Guidelines 'Spatial Planning and National Roads Guidelines for Planning Authorities' (DoECLG, 2012). Regard should also be had to other relevant guidance available at www.tii.ie.

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 planning application referred.

National Strategic Outcome 2 of the National Planning Framework includes the objective to maintain the strategic capacity and safety of the national road 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. This requirement is further reflected in the recent publication of the Draft National Investment Framework for Transport in Ireland and also the existing Statutory Section 28 'Spatial Planning and National Roads Guidelines for Planning Authorities' (DoECLG, 2012).

With respect to EIAR scoping issues, the recommendations indicated below provide only general guidance for the preparation of an EIAR, which may affect the national road network.

The developer/scheme promoter should have regard, inter alia, to the following:

- In the first instance TII notes that the proposed grid connection route is proposed primarily along the non-national road network. Consultations should be had with the relevant Local Authority/National Roads Design Office with regard to the locations of existing and future national road schemes.
- TII would be specifically concerned as to potential significant impacts the development would have on the national road network (and junctions with national roads) in the proximity of the proposed development.
- The developer should assess visual impacts from existing national roads.
- The developer should have regard to any EIAR/EIS and all conditions and/or modifications imposed by An Bord Pleanála regarding road schemes in the area. The developer should, in particular, have regard to any potential cumulative impacts.
- The developer, in preparing EIAR, should have regard to TII Publications (formerly DMRB and the 'Manual of Contract Documents for Road Works').

- The developer, in preparing EIAR, should have regard to 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 (NRA), 2006).
- The EIAR/EIS 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., NRA, 2004)).
- It would be important that, where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment (TTA) 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. In relation to 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 TII's TTA Guidelines, which addresses requirements for sub-threshold TTA. Any improvements required to facilitate development should be identified. It will be the responsibility of the developer to pay for the costs of any improvements to national roads to facilitate the private development proposed, as TII will not be responsible for such costs.
- The designers are asked to consult TII Publications to determine whether a Road Safety Audit is required.
- In the interests of maintaining the safety and standard of the national road network, the EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network.
- TII recommends that that applicant/developer should clearly identify haul routes proposed and fully assess the network to be traversed. Where abnormal 'weight' loads are proposed, separate structure approvals/permits and other licences may be required in connection with the proposed haul route and all structures on the haul route through all the relevant County Council administrative areas should be checked by the applicant/developer to confirm their capacity to accommodate any abnormal 'weight' load proposed.

The national road network is managed by a combination of Public Private Partnership (PPP) Concessions, Motorway Maintenance and Renewal Contracts (MMaRC) and local road authorities in association with TII. The applicant/developer should also consult with all PPP Companies, MMaRC Contractors and road authorities over which the haul route traverses to ascertain any operational requirements such as delivery timetabling, etc. and to ensure that the strategic function of the national road network is safeguarded.

Additionally, any damage caused to the pavement on the existing national road arising from any temporary works due to the turning movement of abnormal 'length' loads (e.g., tearing of the surface course, etc.) shall be rectified in accordance with TII Pavement Standards and details in this regard shall be agreed with the road authority prior to the commencement of any development on site.

- TII welcomes that the grid connection proposals are proposed on the non-national road network. The following comments are therefore for information only. Grid connection and cable routing proposals should be developed to safeguard proposed road schemes, as TII will not be responsible for costs associated with future relocation of cable routing, where proposals are catered for in an area of a proposed national road scheme. In that regard, consideration should be given to routing options, use of existing crossings, depth of cable laying, etc.

In the context of the existing national road network, in accordance with the National Planning Framework National Strategic Outcome no. 2 'Enhanced Regional Accessibility', there is a requirement to maintain the strategic capacity and safety of the network. This requirement is further reflected in the National Development Plan, the recent publication of the Draft National Investment Framework for Transport in Ireland and also the existing Statutory Section 28 'Spatial Planning and National Roads Guidelines for Planning Authorities' (DoECLG, 2012).

There is around 99,000km of roads in Ireland. The national road network which caters for strategic inter-urban travel consists of only approx. 5.4% of this. There is a critical requirement to ensure the strategic capacity and safety of this national road network is maintained and significant Government investment already made in the national road network is safeguarded.

The provision of cabling along the national road network represents a number of significant implications for TII and road authorities in the management and maintenance of the strategic national road network and TII is of the opinion that grid connection cable routing should reflect the foregoing provisions of official policy. Therefore, TII advises that grid connection cable routing should seek to utilise available alternatives, as opposed to the strategic national road network, contrary to the provisions of official policy.

Other consents or licences may be required from the road authority for any trenching or cabling proposals crossing the national road. TII requests referral of all proposals agreed and licensed between the road authority and the applicant which affect the national road network.

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.

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 this information is of assistance to you.

Yours sincerely,

Alban Mills

Senior Regulatory and Administration Executive



In accordance with TII's Right to Disconnect policy, if you are receiving this email outside of normal working hours, I do not expect a response or action outside of your own working hours unless it is clearly noted as requiring urgent attention.

De réir pholasáí BIÉ An Ceart gan a bheith Ceangailte, má tá an ríomhphost seo á fháil agat lasmuigh de na gnáthuaireanta oibre, nílím ag súil le freagra ná le gníomh uait lasmuigh de do ghnáthuaireanta oibre féin mura bhfuil sé ráite go soiléir go bhfuil gá gníomhú go práinneach.

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Próiseálann BIÉ sonraí pearsanta a sholáthraítear dó i gcomhréir lena Fhógra ar Chosaint Sonraí atá ar fáil ag <https://www.tii.ie/about/about-tii/Data-Protection/?set-lang=ga>

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Sarah Gallagher

From: Housing Minister Of State <ministerofstate@housing.gov.ie> on behalf of Housing Minister Of State
Sent: Thursday 9 September 2021 17:19
To: sgallagher@jodireland.com
Subject: RE: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Dear Ms Gallagher,

On behalf of Mr Peter Burke T.D., Minister of State with responsibility for Local Government and Planning, I would like to acknowledge receipt of your correspondence, which was forwarded from the office of Minister Darragh O'Brien.

Kind regards,

Erica Daly
Minister of State Burke's Office

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

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

www.gov.ie/tithiocht
www.gov.ie/housing



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

Please note: The Minister is a Designated Public Official under the Regulation of Lobbying Act, 2015

From: Sarah Gallagher <sgallagher@jodireland.com>
Sent: Wednesday 8 September 2021 12:23
To: Housing Minister <MINISTER@housing.gov.ie>
Cc: Breena Coyle <bcoyle@jodireland.com>
Subject: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Dear Sirs,

Please find attached Scoping Letter in relation to the above mentioned project for your consideration.

We would be grateful if you could revert with any comments you may have on the proposed development at your earliest convenience.

Thanks and Kind regards,

Sarah Gallagher

Sarah Gallagher

From: Planning <planning@artscouncil.ie> on behalf of Planning
Sent: Wednesday 8 September 2021 12:27
To: Sarah Gallagher
Subject: Automatic reply: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Thank you,

We acknowledge receipt of your email.

The Arts Council / An Chomhairle Ealaíon respectfully request that the Planning Authority / Body ensures that it is **properly notifying** The Arts Council / An Chomhairle Ealaíon of planning applications (including receipt of further information):

1. Only when the planning application, as it appears to the planning authority, prescribes to the provisions of Article 28(1)(a) and (1)(c) of the Planning and Development Regulations 2001 (as amended); and
2. In the event of the above, any notification issued to The Arts Council / An Chomhairle Ealaíon adheres to the requirements of Article 28(2) of those Regulations; that **it shall receive a copy of the planning application form** and shall be **notified of the date of receipt** by that authority of the application.
3. The Arts Council / An Chomhairle Ealaíon does not accept that receipt of weekly 'Planning lists' as notification of new planning applications
4. We are currently not accepting submissions in hard copy.

To assist you in ensuring that relevant and appropriate submission are made to the Arts Council, please see our website for further clarification. <http://www.artscouncil.ie/Arts-in-Ireland/Strategic-development/Prescribed-Body---Planning/>

Kind regards,

Planning Team

The Arts Council / An Chomhairle Ealaíon

Sarah Gallagher

From: Roger Woods <rwoods@bai.ie> on behalf of Roger Woods
Sent: Thursday 9 September 2021 09:50
To: sgallagher@jodireland.com
Subject: RE: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Hi Sarah

This application relates to power lines which to do not affect FM transmission. We therefore have no issue with this proposal.

Regards

Roger

Senior Executive Engineer
Broadcasting Authority of Ireland
2-5 Warrington Place
Dublin D02 XP29

Tel: 01 6441200
Fax: 01 6441299

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Tá an ríomhphost seo agus aon iatán a ghabhann leis rúnda agus is leis an duine sin amháin a bhfuil siad seolta chuige/chuici a bhaineann siad. Muna duitse an ríomhphost seo, ní ceart é a léamh ná a scaoileadh chuig aon tríú páirtí. Iarrtar ort teachtaireacht a sheoladh chuig an seoltóir nó chuig info@bai.ie, agus an ríomhphost seo a scrios.

From: Reception BAI <reception@bai.ie>
Sent: Thursday 9 September 2021 09:11
To: Roger Woods <rwoods@bai.ie>
Subject: FW: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

From: Sarah Gallagher <sgallagher@jodireland.com>
Sent: Wednesday 8 September 2021 12:39
To: Reception BAI <reception@bai.ie>
Cc: Breena Coyle <bcoyle@jodireland.com>
Subject: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Dear Sirs,

Please find attached Scoping Letter in relation to the above mentioned project for your consideration.

We would be grateful if you could revert with any comments you may have on the proposed development at your earliest convenience.

Thanks and Kind regards,

Sarah Gallagher

Sarah Gallagher

From: Manager DAU <Manager.DAU@housing.gov.ie> on behalf of Manager DAU
Sent: Thursday 9 September 2021 12:09
To: sgallagher@jodireland.com
Cc: bcoyle@jodireland.com
Subject: RE: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Our Ref: G Pre00233/2021 (Please quote in all related correspondence)

A Chara

I acknowledge receipt of your recent consultation.

In the event of observations, you will receive a co-ordinated heritage-related response by email from Development Applications Unit (DAU).

The normal target turnaround for pre-planning and other general consultations is six weeks from date of receipt. In relation to general consultations from public bodies under the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 to 2011, the Department endeavours to meet deadline dates, where requested.

If you have not heard from DAU and wish to receive an update, please email manager.dau@housing.gov.ie.

Regards
Diarmuid

Diarmuid Buttimer
Executive Officer

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreacht
Department of Housing, Local Government and Heritage
Aonad na nIarratas ar Fhorbairt
Development Applications Unit
Oifigí an Rialtais
Government Offices
Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90

—
Diarmuid.Buttimer@housing.gov.ie
Manager.DAU@housing.gov.ie

From: Sarah Gallagher <sgallagher@jodireland.com>
Sent: Wednesday 8 September 2021 12:23
To: Housing Minister <MINISTER@housing.gov.ie>
Cc: Breena Coyle <bcoyle@jodireland.com>
Subject: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Dear Sirs,

Please find attached Scoping Letter in relation to the above mentioned project for your consideration.



Breena Coyle
Jennings O'Donovan & Partners Limited
Finisklin Business Park
Sligo
F91 RHH9
23rd September 2021

Re: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Dereenacrinnig Wind Farm Grid Connection, Co Cork

Dear Breena,

The Department of Transport would like the following to be given consideration in relation to the project outlined above.

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:

- 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.
- 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 Department consider it important that the examination of the proposal should include consideration of the following:

- 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 so as 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).

The Department considers the following should be considered when applying conditions to any approval.

1. A condition requiring the specific approval of the local authority to the detail of the final route of cables through the public road space. If during construction there is a need to deviate from the detailed design then the approval of the local authority would again be sought. This would assist in minimising the impact on the public road.
2. A condition requiring the developer to comply with all appropriate standards and, inter alia the Guidelines for Managing Openings in Public Roads, 2017 in order to ensure orderly development.
3. A condition requiring that the location of the cables would be recorded as exactly as possible (maybe using BIM type technology) so as to facilitate the further use of road space for utilities and the maintenance/construction of the public road by the Roads authority. This record should be lodged with the local authority and with the ESB Networks for retention on their records.
4. A condition requiring the developer to route cables away from bridge structures and specifically preventing the developer from attaching cables to road bridges. This would allow for the future maintenance of bridges without interruption of the electricity supply along the cables.

Yours sincerely

Jacqui

Jacqui Traynor

Reform Communications Emergency Planning

An Roinn Iompair

Department of Transport

Lána Liosain, Baile Átha Cliath, D02 TR60

Leeson Lane, Dublin, D02 TR60



Breena Coyle
Jennings O'Donovan & Partners Limited
Finisklin Business Park
Sligo
F91 RHH9

28 September 2021

Re: EIA scoping for Dereenacrinnig Wind Farm Grid Connection, Co Cork
Your Ref: 4636/010/503/SL/BC/SG
Our Ref: 21/329

Dear Breena,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. We provide independent geological information and advice and gather various data for that purpose. Please see our [website](#) for data availability useful when conducting the EIAR, SEA, planning and scoping processes. Use of our data or maps should be attributed correctly to 'Geological Survey Ireland'.

With reference to your letter received on the 08 September 2021, concerning the EIA scoping for Dereenacrinnig Wind Farm Grid Connection, Co Cork, Geological Survey Ireland would encourage use of and reference to our datasets. Please find attached a list of our publicly available datasets that may be useful to the environmental assessment and planning process. We recommend that you review this list and refer to any datasets you consider relevant to your assessment. The remainder of this letter and following sections provide more detail on some of these datasets.

Geoheritage

Geological Survey Ireland is in partnership with the National Parks and Wildlife Service (NPWS, Department of Housing, Local Government and Heritage), 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 Geoheritage Programme of Geological Survey Ireland, 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 (CGSs), 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 Geological Survey Ireland are categorised as CGS pending any further NHA designation by NPWS. CGSs 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. CGSs can be viewed online under the Geological Heritage tab on the online [Map Viewer](#).

The audit for Co. Cork will be a three year process that commenced this year, but has not been completed yet. However, unaudited CGSs can be viewed online under the Geological Heritage tab on the online [Map Viewer](#). **Our records show that there are no unaudited CGSs in the vicinity of the proposed wind farm grid connection.**

Groundwater

Geological Survey Ireland's [Groundwater and Geothermal Unit](#), provides advice, data and maps relating to groundwater distribution, quality and use, which is especially relevant for safe and secure drinking water supplies and healthy ecosystems.

Proposed developments need to consider any potential impact on specific groundwater abstractions and on groundwater resources in general. We recommend using the groundwater maps on our [Map viewer](#) which should include: wells; drinking water source protection areas; the national map suite - aquifer, groundwater vulnerability, groundwater recharge and subsoil permeability maps. Please read all disclaimers carefully when using Geological Survey Ireland data.



The Groundwater Data Viewer indicates two aquifers classed as a 'Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones' and a 'Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones', underlie the proposed wind farm grid connection.

The Groundwater Vulnerability map indicates a range of groundwater vulnerabilities within the area covered is variable. We would therefore recommend use of the Groundwater Viewer to identify areas of High to Extreme Vulnerability and 'Rock at or near surface' in your assessments, as any groundwater-surface water interactions that might occur would be greatest in these areas.

The Groundwater Protection Response overview and link to the main report is here: <https://www.gsi.ie/en-ie/programmes-and-projects/groundwater-and-geothermal-unit/projects/protecting-drinking-water/what-is-drinking-water-protection/county-groundwater-protection-schemes/Pages/default.aspx>.

Geological Mapping

Geological Survey Ireland maintains online datasets of bedrock and subsoils geological mapping that are reliable and accessible. We would encourage you to use these data which can be found [here](#), in your future assessments.

Geotechnical Database Resources

Geological Survey Ireland continues to populate and develop our national geotechnical database and viewer with site investigation data submitted voluntarily by industry. The current database holding is over 7500 reports with 134,000 boreholes; 31,000 of which are digitised which can be accessed through downloads from our [Geotechnical Map Viewer](#). We would encourage the use of this database as part of any baseline geological assessment of the proposed development as it can provide invaluable baseline data for the region or vicinity of proposed development areas. This information may be beneficial and cost saving for any site-specific investigations that may be designed as part of the project.

Geohazards

Geohazards can cause widespread damage to landscapes, wildlife, human property and human life. In Ireland, landslides, flooding and coastal erosion are the most prevalent of these hazards. We recommend that geohazards be taken into consideration, especially when developing areas where these risks are prevalent, and we encourage the use of our data when doing so.

Landslides are common in areas of peat, rock near surface and in fine to coarse range materials (such as glacial tills), areas which are found within the area of the proposed route. The Landslide Susceptibility map indicates variable landslide susceptibility along the proposed grid connection route, including areas of 'Moderately High' to 'High' susceptibility. Survey Ireland has information available on landslides in Ireland via the National Landslide Database and Landslide Susceptibility Map both of which are available for viewing on our dedicated [Map Viewer](#). Associated guidance documentation relating to the National Landslide Susceptibility Map is also available.

Natural Resources (Minerals/Aggregates)

Geological Survey Ireland provides data, maps, interpretations and advice on matters related to minerals, their use and their development in our [Minerals section](#) of the website. The Active Quarries, Mineral Localities and the Aggregate Potential maps are available on our [Map Viewer](#).

We would recommend use of the Aggregate Potential Mapping viewer to identify areas of High to Very High source aggregate potential within the area. In keeping with a sustainable approach we would recommend use of our data and mapping viewers to identify and ensure that natural resources used in the proposed grid connection route are sustainably sourced from properly recognised and licensed facilities, and that consideration of future resource sterilization is considered.



Geophysical data

Geological Survey Ireland produces high-resolution geophysical data (Magnetic field, electrical conductivity, natural gamma-ray radiation) of soils & rocks as part of the [Tellus programme](#). These data currently cover approximately 75% of the country and provide supporting geological information on a regional scale useful for assessing environmental impact and risk.

Other Comments

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 Geological Survey Ireland'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, Geological Mapping Unit, at Beatriz.Mozo@gsi.ie, 01-678 2795.

I hope that these comments are of assistance, and if we can be of any further help, please do not hesitate to contact me Clare Glanville, or my colleague Trish Smullen at GSIPlanning@gsi.ie.

Yours sincerely,

Clare Glanville
Senior Geologist
Geological Survey Ireland

Enc: Table - Geological Survey Ireland's Publicly Available Datasets Relevant to Planning, EIA and SEA processes.



**Iascach Intíre Éireann
Inland Fisheries Ireland**

Ms Breena Coyle
Jennings and O'Donovan Consulting Engineer's,
Finisklin Business Park
Sligo,
Ireland,
F91 RHH9

09 September 2021

RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Dereenacrinnig Wind Farm Grid Connection, Co Cork

Dear Breena,

I refer to the request for scoping opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for the above mentioned,

The site of the proposed development encompasses the upper River Ilen and Meelagh catchments and tributaries, significant salmonid fisheries. In this context IFI would ask that the following requirements should be taken into consideration.

There should be no drainage or other physical interference with the bed or bank of any watercourse without prior consultation with IFI.

Suspended solids and or hydrocarbon contaminated site run-off waters must be controlled adequately so that no pollution of surface waters can occur. More specifically IFI feels the following issues should be addressed

- i. Identifying and zoning the project for environmental impact should a peat slip occur
- ii. Setting out contingency plan should a peat movement occur.
- iii. Setting out a plan for the control of silt in such a scenario, including measures to be put in place at the initial stages of construction.

In the event of any watercourse crossings being bridged or culverted the following general criteria should apply,

- (i) The free passage of fish must not be obstructed.
- (ii) The original slope of the river bed should be maintained with no sudden drops on the downstream side. Design details on any proposed crossing should be incorporated at planning stage
- (iii) Bridges are preferable to culverts.
- (v) All instream works should be carried out only in the May-September period.

Yours sincerely,

MMP

Michael Mc Partland.
Environmental Officer.

Sarah Gallagher

From: Matthew Craig <matthew.craig@2rn.ie> on behalf of Matthew Craig
Sent: Thursday 9 September 2021 16:23
To: sgallagher@jodireland.com
Cc: Johnny Evans; windfarms@rte.ie
Subject: RE: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Hi Sarah,

We have three off air links following two paths pass over your proposed route.

The details of the links are as follows:

Site Name	Lat.	Long.	Site Height (m)	Ant. Height AGL	Ant Height AMSL (m)	Freq (MHz)
Mullaghanish	51.98339	9.14431	648	107	755	88.7
Bantry	51.6658	9.443095	190	20	210	
Mullaghanish	51.98339	9.14431	648	209	857	602
Bantry	51.6658	9.443095	190	23	213	

Mullaghanish	51.98339	9.14431	648	107	755	88.7
Mt. Gabriel	51.55603	9.543121	390	4.3	394.3	

Generally there is little risk of interference to broadcast signals from overhead lines due to their size.

Could you please let us know when the pole location and heights have been determined and we can see if this is the case.

Regards

Matthew Craig

Project Engineer

Projects and Coverage Planning

2RN

Block B, Cookstown Court, Old Belgard Road, Tallaght, Dublin 24, Ireland D24 WK28

Phone: + 353 (0) 1 2082261 Mobile: + 353 (0) 87 7509955

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From: Sarah Gallagher <sgallagher@jodireland.com>
Sent: Wednesday, September 8, 2021 2:51:41 PM (UTC+00:00) Dublin, Edinburgh, Lisbon, London
To: windfarms <windfarms@rte.ie>
Cc: Breena Coyle <bcoyle@jodireland.com>
Subject: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Dear Sirs,

Please find attached Scoping Letter in relation to the above mentioned project for your consideration.

We would be grateful if you could revert with any comments you may have on the proposed development at your earliest convenience.

Sarah Gallagher

From: Paul Driver <Paul.Driver@virginmedia.ie> on behalf of Civils
Sent: Wednesday 8 September 2021 16:32
To: Sarah Gallagher
Subject: RE: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

Sarah

I refer to your query of 08th September about the above location. Virgin Media does not have any record of underground services at this location as indicated by your drawing.

WHILST THE INFORMATION GIVEN IS BELIEVED TO BE CORRECT NO WARRANTY IS MADE AS TO ITS ACCURACY. THIS INFORMATION MUST NOT BE RELIED UPON IN THE EVENT OF EXCAVATION OR OTHER WORKS CARRIED OUT IN THE SITE AREA. NO LIABILITY OF ANY KIND WHATSOEVER IS ACCEPTED BY VIRGIN MEDIA, ITS SERVANTS OR AGENTS FOR ANY ERROR OR OMISSION IN RESPECT OF INFORMATION CONTAINED WITHIN THIS COMMUNICATION. THE ACTUAL POSITION OF UNDERGROUND SERVICES MUST BE VERIFIED AND ESTABLISHED ON SITE BEFORE ANY MECHANICAL PLANT IS USED.

Regards,

Paul Driver | *Plant Protection Officer*
Civil Operations - Team Lead
Virgin Media | Unit 7, Westgate Business Park, Ballymount, Dublin 24.
T: +353 (01) 2458586 | M: +353 (0)87 6287133
E: civils@virginmedia.ie | paul.driver@virginmedia.ie



From: Sarah Gallagher <sgallagher@jodireland.com>
Sent: 08 September 2021 14:55
To: VMTV info <VMTVinfo@virginmedia.ie>; Paul Driver <Paul.Driver@virginmedia.ie>
Cc: Breena Coyle <bcoyle@jodireland.com>
Subject: Dereenacrinnig Wind Farm Grid Connection, Co. Cork

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Dear Sirs,

Please find attached Scoping Letter in relation to the above mentioned project for your consideration.

We would be grateful if you could revert with any comments you may have on the proposed development at your earliest convenience.

Thanks and Kind regards,