



Submission

Submitter:	Trish Smullen
Submission Title:	Submission
Submission Reference No.:	S010153
Submission Received:	18 November 2021

Application

Applicant:	Mr. Brendan Duffy
Reg. No.:	P1162-01

See below for Submission details.

Attachments are displayed on the following page(s).

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Geological Survey Ireland's Publicly Available Datasets Relevant to Planning, EIA and SEA processes
 following European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018
 (S.I. No. 206 of 2018)

Geological Survey Ireland Programme	Dataset	Relevant EIA Topic	Coverage	Description / Notes	Link to Geological Survey Ireland map viewer
Geohazards	Landslide: National landslide database and landslide susceptibility map	Land & Soil/Climate/Landscape	National	Associated guidance documentation relating to the National Landslide Susceptibility Map is also available. Provide information of historic flooding, both surface water and groundwater. A lack of flooding presented in any specific location of the map only indicates that a flood has not been detected. It does not indicate that a flood cannot occur in that location at present or in the future.	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=b68df1e43d9044e5881955069595625c
Geohazards	Groundwater Flooding (Historic)	Water	Regional	Provides information on the probability of future least groundwater flooding (where available). (The maps do not, and are not intended to, constitute advice. Professional or specialist advice should be sought before taking, or refraining from, any action on the basis of the flood maps)	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=848f838-835799436180865279-7339-1cc
Geohazards	Groundwater Flooding (Predictive)	Water	Regional		http://www.epa.ie/radiation/radiomag/
Geohazards	Ration Map	Land & Soils/Air	National		https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=744cab7b2e2aa3c218
Geohazards	County Geological Sites as adopted by National Heritage Plan and listed in County Development Plan	Land & Soils/Landscape	Regional	All geological heritage sites identified by Geological Survey Ireland are categorised as CGS pending any further NHA designation by NPWS.	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Bedrock geology	Land & Soils	National	1:100,000 scale and associated memoirs.	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Bedrock geology	Land & Soils	Regional	1:50,000 scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Quaternary geology: Sediments	Land & Soils	National	1:50,000 scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Quaternary geology: Geomorphology	Land & Soils	National	1:50,000 scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Physiographic units	Land & Soils	National	Broad-scale physical landscape units mapped at 1:100,000 scale in order to be represented as a cartographic digital map at 1:250,000 scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Geotibans: Spatial geological data for the greater Dublin and Cork areas	Land & Soils	Regional	Includes 3D models	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Geotechnical database	Land & Soils	National	Geotechnical and Site Investigation Reports and boreholes which have been accessed through online downloads.	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Geological Mapping	Historical data sets including geological memoirs and 6' to 1 mile geological mapping records	Land & Soils/Water	National	These are accessed through online downloads.	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Groundwater resources (aquifers)	Water	National	Data limited to 1:100,000 scale; sites should be investigated at local scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Groundwater recharge	Water	National	Data limited to 1:100,000 scale; sites should be investigated at local scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Groundwater vulnerability	Water	National	Data limited to 1:100,000 scale; sites should be investigated at local scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Group scheme and public supply source protection areas	Water	National	Data limited to 1:100,000 scale; sites should be investigated at local scale	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Groundwater Protection Schemes	Water	National	Not all PWS / GWS / SPS / ZOC. Check with IW / GSC / NFGWS for private supplies.	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Catchment and WFD management units	Water	National	Data is limited to scale 1:50,000. Data does not include all of the source protection areas	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Least specific data layers	Water	National	For areas underlain by limestone, includes sink features, tracer test	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Wells and Springs	Water	National	Not comprehensive; there may be unregistered wells and springs	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Groundwater body Descriptions	Water	National		https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Groundwater & Geothermal	Geothermal Suitability maps	Water	National	Also, Roadmap for a Policy and Regulatory Framework for Geothermal Energy, November 2020	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Marine & Coastal Unit	INFORMAR - Ireland's national marine mapping programme; providing key baseline data for Ireland's	Marine & Coastal Unit	National	For more information contact NPWS / EPA / site investigations	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Marine & Coastal Unit	CHERISH - Coastal change project (Climate, Heritage and Environment of Reefs, Islands, and Headlands)	Marine & Coastal Unit	National	Energy, November 2020	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Marine & Coastal Unit	Coastal Vulnerability Index (CVI)	Marine & Coastal Unit	Regional	Currently the project is being carried out on the east coast and will be rolled out nationally	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Minerals	Aggregate potential	Land & Soils/Natural Assets	National	Consideration of mineral resources and potential resources as a material asset which should be explicitly recognised within the environmental assessment process	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Minerals	Active quarries	Land & Soils	National		https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Minerals	Historic mines	Land & Soils/Cultural Heritage	National	Inventory and Risk Classification 2009. Environmental Protection Agency, Economic Minerals Division and Geological Survey Ireland (ECCO).	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Tellus	Geotechnical data: multi-element data for shallow soil, stream sediment and stream water	Land & Soils	Regional	A national mapping programme	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Tellus	Airborne geophysical data including radiometrics, electromagnetics and magnetics	Land & Soils	Regional	A national mapping programme	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0
Tellus	Urban geochemistry mapping (Dublin SURGE project)	Land & Soils	Regional	A national mapping programme	https://deem.maps.arcgis.com/apps/webappviewer/index.html?id=702a9912748a910667ee1b6a88458scale=0

- Notes:**
- The maps and data listed above are available on the Geological Survey Ireland map viewer <https://www.gsi.ie/en-ie/data-and-maps/Pages/default.aspx>
 - Please read all disclaimers carefully when using Geological Survey Ireland data
 - Geological Survey Ireland and Irish Concrete Federation published guidelines for the treatment of geological heritage in the extractive industry in 2008.



Environmental Licensing Programme
Office of Environmental Sustainability
EPA
Johnstown Castle Estate
Wexford, Y35 W821

18 November 2021

Re: Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan

Your Ref: P1162-01

Our Ref: 21/367

Dear Sir/Madam,

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. We recommend using these various data sets, 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 email received on the 06 October 2021, concerning the Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan, 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

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.

For areas underlain by limestone, please refer to the karst specific data layers (karst features, tracer test database; turlough water levels (gwlevel.ie)). Background information is also provided in the Groundwater Body Descriptions. Please read all disclaimers carefully when using Geological Survey Ireland data.

The Groundwater Vulnerability map indicates the area is classed as 'Extreme'. The proposed poultry facility is underlain by a 'Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones'.

If the waste arising from the intensive poultry facility is being landspread, it should comply with the Licensed Landspreading Groundwater Protection Response and indicated site assessment requirements for the particular groundwater vulnerability, aquifer and source protection area setting, as well as the relevant current EPA guidelines.

The Licensed Landspreading document is here:

https://www.gsi.ie/documents/Groundwater_Response_Matrix_for_Landspreading_of_Organic_Waste.pdf.

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>.



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.

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From: [Noeleen Keavey](#)
To: [Noeleen Keavey](#)
Subject: FW: Reply from DECC re 21/367 - EPA Notification – Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan
Date: Tuesday 23 November 2021 15:44:48
Attachments: [21_367 IE licence Poultry Lisquigney Ballybay Co Monaghan.pdf](#)
[GSI datasets relevant to EIA & SEA 20210421.pdf](#)

From: CorporateSupport.Unit <CorporateSupport.Unit@decc.gov.ie>
Sent: 18 November 2021 17:59
To: Licensing Staff <licensing@epa.ie>
Cc: CorporateSupport.Unit <CorporateSupport.Unit@decc.gov.ie>
Subject: Reply from DECC re 21/367 - EPA Notification – Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan

Good afternoon,

Please see attached and below a reply from Ms. Trish Smullen and Dr Clare Glanville (Senior Geologist) on behalf of Geological Survey Ireland (a division of the Department of Environment, Climate and Communications) for the subject below. Please forward an acknowledgement of receipt to CorporateSupport.Unit@decc.gov.ie at your earliest convenience.

Regards,
Enda Brady,
Corporate Support Unit,
Department of Environment, Climate and Communications.

From: GSI Planning <GSIPlanning@GSI.ie>
Sent: Thursday 18 November 2021 14:58
To: CorporateSupport.Unit <CorporateSupport.Unit@decc.gov.ie>
Cc: Clare Glanville <Clare.Glanville@decc.gov.ie>; GSI Planning <GSIPlanning@GSI.ie>
Subject: RE: 21/367 - EPA Notification – Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan

Hi Enda,
This is the last one to go back to the EPA.
Many thanks,
Trish

From: GSI Planning
Sent: 06 October 2021 15:48
Cc: GSI Planning
Subject: 21/367 - EPA Notification – Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan

EIS 21/367

Application for an industrial emissions licence for poultry installation at Lisquigney, Ballybay, Co Monaghan. Request for observations by the EPA to be forwarded via the CSU mailbox. Details are below.

Regards,

John

From: noreply Reply [<mailto:noreply@epa.ie>]

Sent: 05 October 2021 17:06

To: An Taisce - The National Trust For Ireland; Department of Agriculture, Food and the Marine; Department of Culture, Heritage and the Gaeltacht; Department of Transport, Tourism and Sport; CorporateSupport.Unit; WPPR; Fáilte Ireland - Spec. Body; Health & Safety Authority; Health Service Executive (HSE); Inland Fisheries Ireland - Spec Body; Irish Water - Spec. Body; Monaghan County Council -Environ Section Spec Body; Monaghan County Council-Planning Section Spec Body; Teagasc; The Heritage Council

Subject: EPA Notification – Licence Application/Review Received EPA043317

CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Dear Sir/Madam,

In accordance with the provisions of the applicable licensing regulations, you are being routinely notified that an application for a licence, details of which are set out below, was received by the Agency on 01 October 2021.

- For inspection purposes only. Consent of copyright owner required for any other use.*
- **Licence Type:** Industrial Emissions (IE)
 - **Name and address of applicant:** Mr. Brendan Duffy, Lisquigny, Ballybay, Monaghan
 - **Location of installation:** Lisquigny, Ballybay, Monaghan, A00 AA00
 - **Reference No:** P1162-01
 - **EIS/EIAR submitted:** Yes
 - **Planning Authority to whom EIS/EIAR has been submitted:** Monaghan County Council

Classes and Nature of Activity in accordance with the EPA Act 1992 as amended			
Class of Activity	Main Activity	EPA Act Sector (where applicable)	Class of Activity Description
6.1 (a)	Yes	Intensive Agriculture	The rearing of poultry in installations where the capacity exceeds 40,000 places.

The EIS/EIAR is available for public inspection on the EPA website alongside

- i. any information provided to the Agency under paragraph (e) or (f)(ii)(II) of section 83(2A) of the EPA Act 1992;
- ii. any opinion issued by the Agency under section 83(2A)(de) of the EPA Act 1992 on the scope of the environmental impact assessment report.
- iii. any further information, including reports and advice, relating to the environmental impact assessment as may be furnished to the Agency in the course of the Agency's consideration of the application.

Submissions may be made in writing to the Agency in relation to the likely effects on the environment of the proposed activity within the period specified by the Agency on its website under Regulation 4(2)(c) of the licensing regulations.

The application is being processed by the Agency and you will be notified of the decision in due course. In this regard any comments in relation to this application should be forwarded to the Agency as soon as possible. A copy of the application and associated correspondence are available for public inspection on the Agency's website www.epa.ie.

Please direct any queries that you may have in relation to the above to licensing@epa.ie.

Please note that there is no requirement for you to acknowledge receipt of this notice.

If you have no comments to make in relation to this application, there is no requirement for you to reply to the Agency.

Yours sincerely,

Environmental Licensing Programme
Office of Environmental Sustainability

Tel: 053 – 9160600

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confidential. The information is intended to be for the sole use of the individual(s) or entity named above. If you are not the intended recipient be aware that any disclosure, copying, distribution or use of the contents of this information and or files is prohibited. If you have received this electronic message in error, please notify the sender immediately. This is also to certify that this mail has been scanned for viruses.

Tá eolas sa teachtaireacht leictreonach seo (agus b'fhéidir sa chomhaid ceangailte leis) a d'fhéadfadh bheith príobháideach nó faoi rún. Is le h-aghaidh an duine/na ndaoine nó le h-aghaidh an aonáin atá ainmnithe thuas agus le haghaidh an duine/na ndaoine sin amháin atá an t-eolas. Murab ionann tusa agus an té a bhfuil an teachtaireacht ceaptha dó bíodh a fhios agat nach gceadaítear nochtadh, cóipeáil, scaipeadh nó úsáid an eolais agus/nó an chomhaid seo. Más trí earráid a fuair tú an teachtaireacht leictreonach seo cuir, más é do thoil é, an té ar sheol an teachtaireacht ar an eolas láithreach. Deimhnítear leis seo freisin nár aims odh víreas sa phost seo tar éis a scanadh.

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