

Technical Appendix 9.4

Consultation Records

Iain Muir

From: DAERA NIEA Water Info <WaterInfo@daera-ni.gov.uk>
Sent: 12 September 2023 11:45
To: Andrew Snowling
Subject: WQU1325reply M01616-31 Proposed Development Information Request
Attachments: NIEA - WMU - WQU1325 Data Analysis Response - WFD 2021 Status and Data.XLSX; NIEA - WMU - 1325 - Groundwater Quality Response.DOCX; NIEA - WMU - 1325 - Groundwater Quality - Data.XLSX; WQU1325 - Hydrology Response.DOCX; WQU1325 -Industrial Consents Response.DOCX; WQU1325 - Abstractions Response.DOCX

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Consultee response

Dear Andrew Snowling,

Thank you for your email.

Please see attached responses.

If you require any further water related environmental information about this or any other site, please e-mail details of your information request to WaterInfo@daera-ni.gov.uk

Many thanks,

**Data Analysis and Management Team
Water Management Unit**



From: Andrew Snowling <andrew.snowling@mccloyconsulting.com>
Sent: Tuesday, August 22, 2023 2:25 PM
To: DAERA NIEA Water Info <WaterInfo@daera-ni.gov.uk>
Cc: Iain Muir <Iain.muir@mccloyconsulting.com>
Subject: M01616-31 Proposed Development Information Request

**FAO: DAERA NIEA WMU
Our Ref: M01616-31**

Dear Sir / Madam,

McCloy Consulting have been appointed to undertake a water and geology assessment in support of a planning application to a proposed wind farm located north-east of Limavady, Co. Derry/Londonderry. The site centroid is **IG: 274464,426340** – shown below.

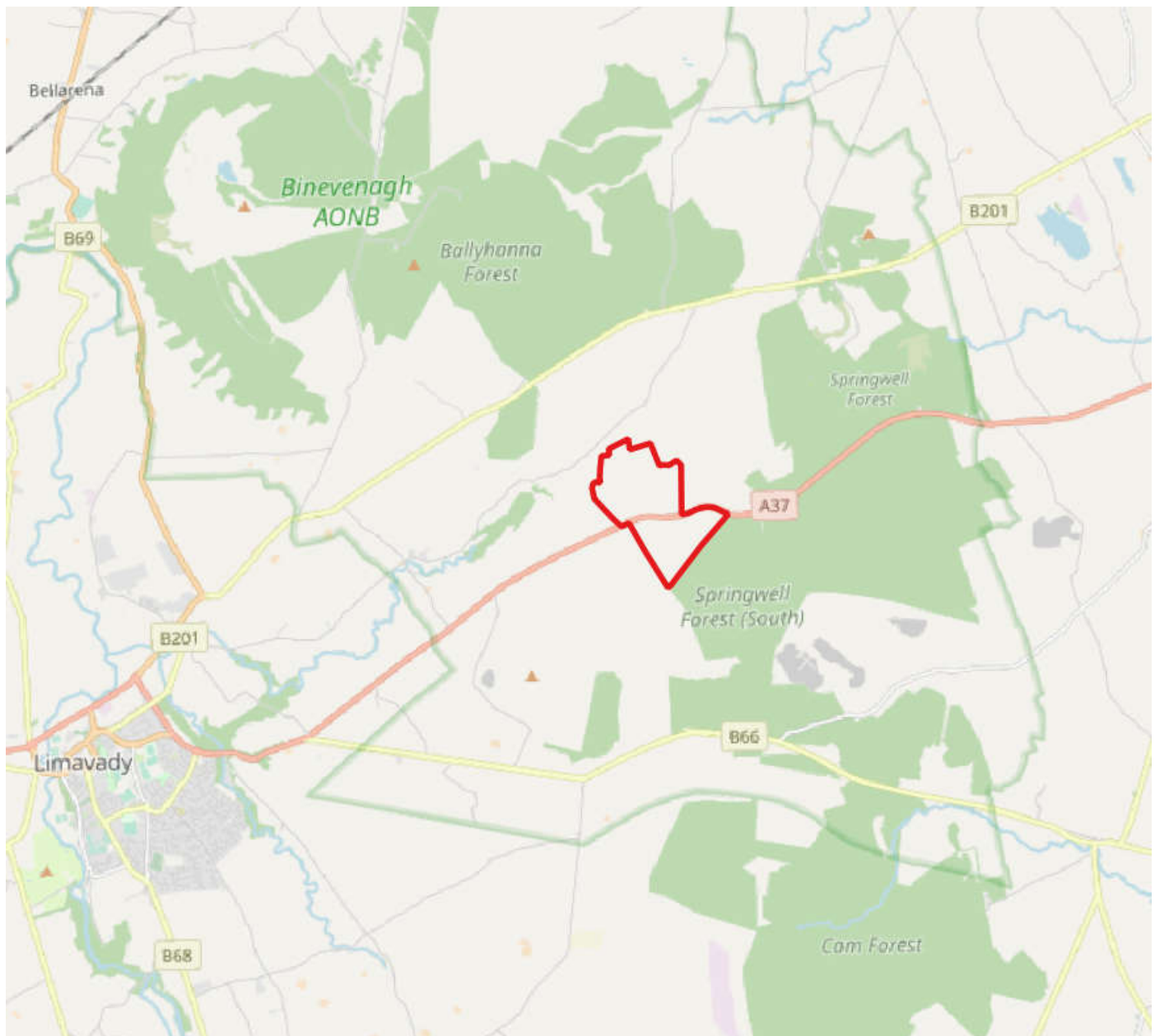
We have used the online viewer to ascertain the following;

- Surface water and groundwater abstractions within 5 km of the site;
- Surface water monitoring station locations.

We could be grateful if WMU could provide if available;

- Surface water quality / chemistry data (from 2009 onwards including latest 2021 data) within a 5 km radius of the site;
- Associated groundwater quality data
- Details of the pollution incidents recorded in the downstream catchment of the development site;
- Details of any Groundwater Authorisation Sites, Abstraction Licences and / or Industrial Consents in proximity to the proposed development site;
- Advise if the surface and groundwater abstractions are the most up to date datasets and provide details of other abstractions if not shown on the viewer;
- Advise any further considerations that are deemed appropriate for a hydrological / hydrogeological assessment at the site from your perspective.

If you require further information please let me know. Thanks in advance for your time.



Thanks,
Andrew



**ANDREW
SNOWLING**
**Environmental
Technician**
McCloy Consulting
Ltd.

t: +44 28 9084 8694
m: 07745573943
e: andrew.snowling@mccloyconsulting.com
w: www.mccloyconsulting.com



Mossley Mill, Lower Ground (West), Carnmoney Road North, Newtownabbey, Co. Antrim BT36 5QA

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WQU1325 – Hydrology Response

NIEA holds no hydrological information relevant to this site.

Further river flow data information may be available from the Department for Infrastructure (Rivers) at hydrometrics@infrastructure-ni.gov.uk

or

Hydrometrics Section
DfI (Rivers)
40 Tullywiggan Road
Cookstown
BT80 8SG

River Waterbody Number	River Waterbody Name	LMA	Monitoring Station Name	Monitoring Station Name	WFD2021 Invert River Waterbody Class	WFD2021 Macrophyte River Waterbody Class	WFD2021 Fish River Waterbody Class	WFD2021 Diatom River Waterbody Class	Final Biology River Waterbody Class WFD2021	WFD2021 DO% Saturation River Waterbody Class	WFD2021 SRP River Waterbody Class	WFD2021 pH River Waterbody Class	WFD2021 Physicochem River Waterbody Status	Total Ammonia River Waterbody Class WFD2021	Water Specific Pollutants River Waterbody Class WFD2021	Final Specific Pollutant River Waterbody Class WFD2021	Morphology Class WFD2021	Hydrology class WFD2021	Hydromorphology Class WFD2021	WFD2021 Final Ecological Status/Ecological Potential
GBN11NB030308220	Macosquin River (Macosquin)	Lower Bann	F11308	MACOSQUIN R AT KILLURE BR	HIGH	HIGH	NO DATA	MODERATE	MODERATE	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	<GOOD	<GOOD	MODERATE
GBN11NB030301076	Shinny Water	Lower Bann	F10407	SHINNY WATER AT CROSSGARE BR	GOOD OR BETTER	HIGH	NO DATA	MODERATE	MODERATE	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	MODERATE
GBN11NB030301076	Shinny Water	Lower Bann	F11489	SHINNY WATER AT DERRYDORRAGH BRIDGE, KILLEAGUE RD	GOOD OR BETTER	HIGH	NO DATA	MODERATE	MODERATE	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	MODERATE
GBN11NB030301213	Agadowey River	Lower Bann	F10437	AGHADOWEY R AT WHITE BRIDGES	GOOD OR BETTER	HIGH	NO DATA	MODERATE	MODERATE	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	MODERATE
GBN11NB030301213	Agadowey River	Lower Bann	F10916	AGHADOWEY RIVER AT AGIVEY BRIDGE	GOOD OR BETTER	HIGH	NO DATA	MODERATE	MODERATE	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	MODERATE
GBN11NB030301221	Articlave River	Lower Bann	F10416	ARTICLAVE R AT ARDILIA BR	GOOD	HIGH	GOOD	GOOD	GOOD	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	NO DATA	<GOOD	<GOOD	GOOD
GBN11NW020204061	Castle River	Roe	F10912	CASTLE RIVER AT CASTLE BRIDGE	GOOD OR BETTER	HIGH	NO DATA	GOOD	GOOD	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	GOOD
GBN11NW020204061	Castle River	Roe	F10165	CASTLE R TRIBUTARY AT DRENAGH	GOOD OR BETTER	HIGH	NO DATA	GOOD	GOOD	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	GOOD
GBN11NW020204061	Castle River	Roe	F10176	CASTLE R AT DRUMMOND BR	GOOD OR BETTER	HIGH	NO DATA	GOOD	GOOD	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	GOOD
GBN11NW020204060	Curly River	Roe	F10177	CURLY R AT ARTIKELLY BR	GOOD OR BETTER	HIGH	NO DATA	GOOD	GOOD	HIGH	GOOD	HIGH	GOOD	HIGH	HIGH	HIGH	NO DATA	HIGH	HIGH	GOOD
GBN11NW020202024	River Roe (Ballycarton)	Roe	F10171	ROE R AT LIMAVADY	GOOD	HIGH	POOR	GOOD	POOR	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	POOR	GOOD	POOR	POOR
GBN11NW020202024	River Roe (Ballycarton)	Roe	F10170	ROE R AT ROE BR	GOOD	HIGH	POOR	GOOD	POOR	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	POOR	GOOD	POOR	POOR

River Waterbody Number	River Waterbody Name	WFD2021 Ecological Status	2021 Chemical Status includes biota Hg and PBDE extrapolated to all wbs. Water column Benzo(a)pyrene not extrapolated	2021 Chemical Status 2021 without biota and water column uPBTs	2021 Chemical rwb Status without biota and water column uPBTs and Cypermethrin	All Exceeding Substances	HMWB ECOL POT	Specified Use
GBNI1NB030301076	Shinny Water	MODERATE	MODERATE	HIGH	HIGH	Mercury, PBDE		
GBNI1NB030301213	Agadowey River	MODERATE	MODERATE	HIGH	HIGH	Mercury, PBDE		
GBNI1NB030301221	Articlave River	GOOD	MODERATE	MODERATE	HIGH	Mercury, PBDE, Cypermethrin		
GBNI1NB030308220	Macosquin River (Macosquin)	MODERATE	MODERATE	HIGH	HIGH	Mercury, PBDE		
GBNI1NW020202024	River Roe (Ballycarton)	POOR	MODERATE	MODERATE	HIGH	Mercury, PBDE, Cypermethrin		
GBNI1NW020204060	Curly River	GOOD	MODERATE	HIGH	HIGH	Mercury, PBDE		
GBNI1NW020204061	Castle River	GOOD	MODERATE	HIGH	HIGH	Mercury, PBDE		

NIEA - WMU - 1325 - Groundwater Quality - Response

WQU

Ref: **1325**

Grid **274464,**

Ref: **426340**

Search

radius: **5.00 km**

A search of the Groundwater Monitoring Database has found that there were 2 groundwater monitoring points within the above search area.

The groundwater quality data are attached:

NIEA - WMU - 1325 - Groundwater Quality - Data

WQU1325 – Industrial Consents Response

NIEA Water Regulation Unit Industrial Consents Team would direct the requestor to NIEA Water Information Request Viewer, where the requested information can be located at <https://gis.daera-ni.gov.uk/arcgis/apps/webappviewer/index.html?id=7e234827aa7a405d990359aa92c7c287>

A search of the NIEA Water Information Request Viewer 'Industrial Consents Stations (Trade)' layer shows no Industrial Consents located within 2km of the site.

ABSTRACTION RESPONSE – WQU1325

RE - proposed wind farm located north-east of Limavady, Co. Derry/Londonderry

The dataset of Abstraction locations can be found online at:

<https://www.opendatani.gov.uk/@department-of-agriculture-environment-and-rural-affairs/abstraction-licensing3>

The dataset is available in various formats including csv and shapefile.

If you require any additional information on your request, please outline the specific data you need to WaterInfo@daera-ni.gov.uk or ail@daera-ni.gov.uk.

For information on Public Water Supplies in this area, contact Northern Ireland Water: waterline@niwater.com.

For information on Private Water Supplies in this area, contact the Drinking Water Inspectorate: dwi@daera-ni.gov.uk.

You will find other datasets on the NIEA WMU Water Information Request Viewer: <https://www.daera-ni.gov.uk/articles/information-requests>, an overview of which can be found here: <https://www.daera-ni.gov.uk/articles/information-requests>.

Mr Andrew Snowling
McCloy Consulting
Mossley Mill Lower Ground (West)
Carnmoney Road North
NEWTOWNABBEY
BT36 5QA

Dear Sir,

**REQUEST FOR ACCESS TO INFORMATION
ENVIRONMENTAL INFORMATION REGULATIONS 2004
Proposed wind farm located north-east of Limavady, Co. Derry/Londonderry. The site
centroid IG: 274464,426340**

Further to receipt of your request for Environmental Information pertaining to the above site, it has been confirmed that your fee payment was received on 19/02/24.

A check of our records has shown that the Council do not hold any records pertaining to private ground water supplies within a 2KM radius of the site (for clarity see below).

Private Water Supplies - within 2 km radius

In relation to Registered Private Water Supplies that fall under The Private Water Supplies Regulations (Northern Ireland) 2009, as amended in 2010, this Department would advise that the relevant Regulator is the Drinking Water Inspectorate. DWI spatial data is available online.

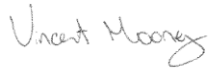
The DWI therefore hold relevant information on private water supplies, to include: supplies which are used for drinking, cooking, food preparation or other domestic purposes (including personal hygiene); or those used in commercial food production: the manufacture, processing, preservation, or marketing of food or drink for human consumption.

With regard to private water supplies to single domestic dwellings, registration is not required as those supplies are not required to be monitored under the 2009 Regulations.

Any records held by Causeway Coast and Glens Borough Council are therefore limited to single water supplies/dwellings and restricted to those properties which have been visited at the request of the householder, water quality data pertaining to the supplies as detailed are not disclosed as the consent of the householder is required.

I trust this information is of assistance.

Yours sincerely,



Vincent Mooney

Senior Environmental Health Officer | Environmental Services

14 Charles Street, Ballymoney, BT53 6DZ

Tel: +44 (0) 28 276 60257

vincent.mooney@causewaycoastandglens.gov.uk

**Environment, Marine & Fisheries Group
& NIEA**



Your reference:
Our reference: AE1-23-4827

Andrew Snowling
McCloy Consulting
Email:
andrew.snowling@mccloyconsulting.com

Planning Response Team
2nd Floor, Klondyke Building
Cromac Avenue
Gasworks Business Park
Belfast BT7 2JA

27 September 2023

Telephone: 028 9056 9604
Email: planningresponse.team@daera-ni.gov.uk

Dear Mr Snowling,

M01616-31 Proposed Development Information Request

I refer to your email of 22 August 2023 regarding the above and request for comments.

We are pleased to provide comments and advice on the key environmental considerations for the Environment, Marine & Fisheries Group within DAERA.

For your convenience we have provided our comments under the following topic heading:

- Drinking Water Inspectorate
- Inland Fisheries

If you wish to discuss anything raised in our response, please do not hesitate to contact the Planning Response Team using the contact details above.

Kind regards,

Planning Response Team

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If you are deaf or have a hearing difficulty you can contact the Department via the Next Generation Text Relay Service by dialling 18001 + telephone number.



Drinking Water Inspectorate

Please see attached document in response to the request for information on private water supply records. This document contains a link to the Drinking Water Inspectorate's Private Water Supplies app which will enable a user to identify if there are any registered private water supplies within the specified distances of the site / location. We would request the search is completed by a user so DWI do not accidentally provide incorrect information. If any sites of interest are identified and require additional information, please get in touch.

For information on surface water abstractions we advise that you contact Northern Ireland Water who are the statutory water undertakers for Northern Ireland and hold all information on surface water abstractions used for public drinking water supplies. They can be contacted on phone (03457 440088) or email (waterline@niwater.com).

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DRINKING WATER INSPECTORATE PRIVATE WATER SUPPLIES ON DAERA IHUB VIEWER

General Information

A private water supply is any supply of water, intended for human consumption, not provided by the water undertaker, Northern Ireland Water Ltd.

The location of private water supplies across Northern Ireland which have been registered with the Drinking Water Inspectorate (DWI) under The Private Water Supplies Regulations (Northern Ireland) 2017 are available via a DAERA Information Hub (iHub) viewer: [ArcGIS Web Application \(daera-ni.gov.uk\)](http://ArcGIS%20Web%20Application%20(daera-ni.gov.uk)).

Sites Identifiable in the Viewer

The Drinking Water Inspectorate **only** holds information on private water supplies registered with DWI under The Private Water Supplies Regulations (Northern Ireland) 2017. This includes supplies to public or commercial premises or two or more private dwellings where the water is used for drinking, cooking, food preparation or other domestic purposes. Both private water supplies currently monitored by DWI (status 'Current') as well as those historically monitored by DWI (status 'Historic') are identifiable using the viewer.

Sites Not Identifiable in the Viewer

DWI do **not** hold information on private water supplies used for:

- (i) domestic use in single private dwellings;
- (ii) primary production, such as dairy farms; or
- (iii) 'non-potable' purposes, e.g., cooling or heating water within a factory, where the water is not in contact with a final food product.

Only private water supplies registered with, and currently or historically monitored by, DWI are identifiable using this viewer. Note, the information on private water supplies is regularly reviewed and updated by DWI.

Searches on DAERA iHub Viewer Relating to Planning Applications

The applicant, or any person acting on behalf of the applicant, should ensure the details (including search date) and outcomes from searches undertaken for private water supplies, within DAERA iHub, are suitably recorded in any documentation or report in support of the application. This should also include where a search has been undertaken and there have been no private water supplies identified from the DAERA iHub dataset.

Instructions for using the viewer can be viewed using the 'Info' icon in the app:  Info

Further Recommendations

It is recommended that, to ensure all private water supplies are captured in your search, you should carry out a wider scoping exercise. Premises / land in the vicinity of your area of interest should be examined to identify any private water supplies for which records are not held by DWI and a survey undertaken of surrounding properties to determine if they own or use a private water supply. This scoping exercise should encompass a desktop study of relevant Ordnance Survey maps, a site inspection, and any other relevant information.

Contact Details for the Drinking Water Inspectorate

General Drinking Water queries: dwi@daera-ni.gov.uk

Private Water Supplies queries: privatewatersupplies@daera-ni.gov.uk

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Inland Fisheries

Inland Fisheries response to - M01616-31 Proposed Development Information Request

Inland Fisheries notes the location of the proposed development and the site within the red line boundary as indicated below is entirely within the Curly River catchment and as such the applicant should be advised - The Loughs Agency is the lead body for provision of advice regarding impacts to salmonid and inland fisheries interests within the catchments of Lough Foyle and Carlingford Lough. Consequently, said agency should be consulted in relation to this application. DAERA Inland Fisheries will provide fisheries advice for those areas outside of the catchments of Foyle and Carlingford Loughs.

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Iain Muir

From: DAERA Planning Response Team <PlanningResponse.Team@daera-ni.gov.uk>
Sent: 27 September 2023 16:00
To: Andrew Snowling
Subject: RE: M01616-31 Proposed Development Information Request
Attachments: PRT - M01616-31 Proposed development info request - Response.pdf
Categories: Project, Consultee response

Good afternoon,

Please find attached response to your request.

I have not received any comments from Environmental Crime Unit but will forward on receipt.

Kind regards,

Darryn Coey | Planning Response Team | Environment, Marine and Fisheries Group | DAERA Klondyke Building | Gasworks Business Park | Cromac Avenue | Belfast | BT7 2JA | Email (planning queries): PlanningResponse.team@daera-ni.gov.uk | PRT Tel: 028 9056 9604 | Web: <https://www.daera-ni.gov.uk/>



From: Andrew Snowling <andrew.snowling@mccloyconsulting.com>
Sent: Tuesday, August 22, 2023 2:25 PM
To: DAERA Planning Response Team <PlanningResponse.Team@daera-ni.gov.uk>
Cc: Iain Muir <iain.muir@mccloyconsulting.com>
Subject: M01616-31 Proposed Development Information Request

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FAO: DAERA Planning Response Team
Our Ref: M01616-31

Dear Sir / Madam,

McCloy Consulting have been appointed to undertake a water and geology assessment in support of a planning application to a proposed wind farm located north-east of Limavady, Co. Derry/Londonderry The site centroid is **IG: 274464,426340** – shown below.

During recent correspondence with the Planning Response Team, we were advised that information requests can be issued to this email address and the Planning team will co-ordinate responses from each of the environmental sections within DAERA pertinent to our request.

Please see below our queries / information requests.

DAERA Aquaculture & Inland Fisheries

As part of this assessment we are required to establish the baseline conditions for the site. Would it be possible for you to provide any information pertinent to fisheries that we should be aware of including:

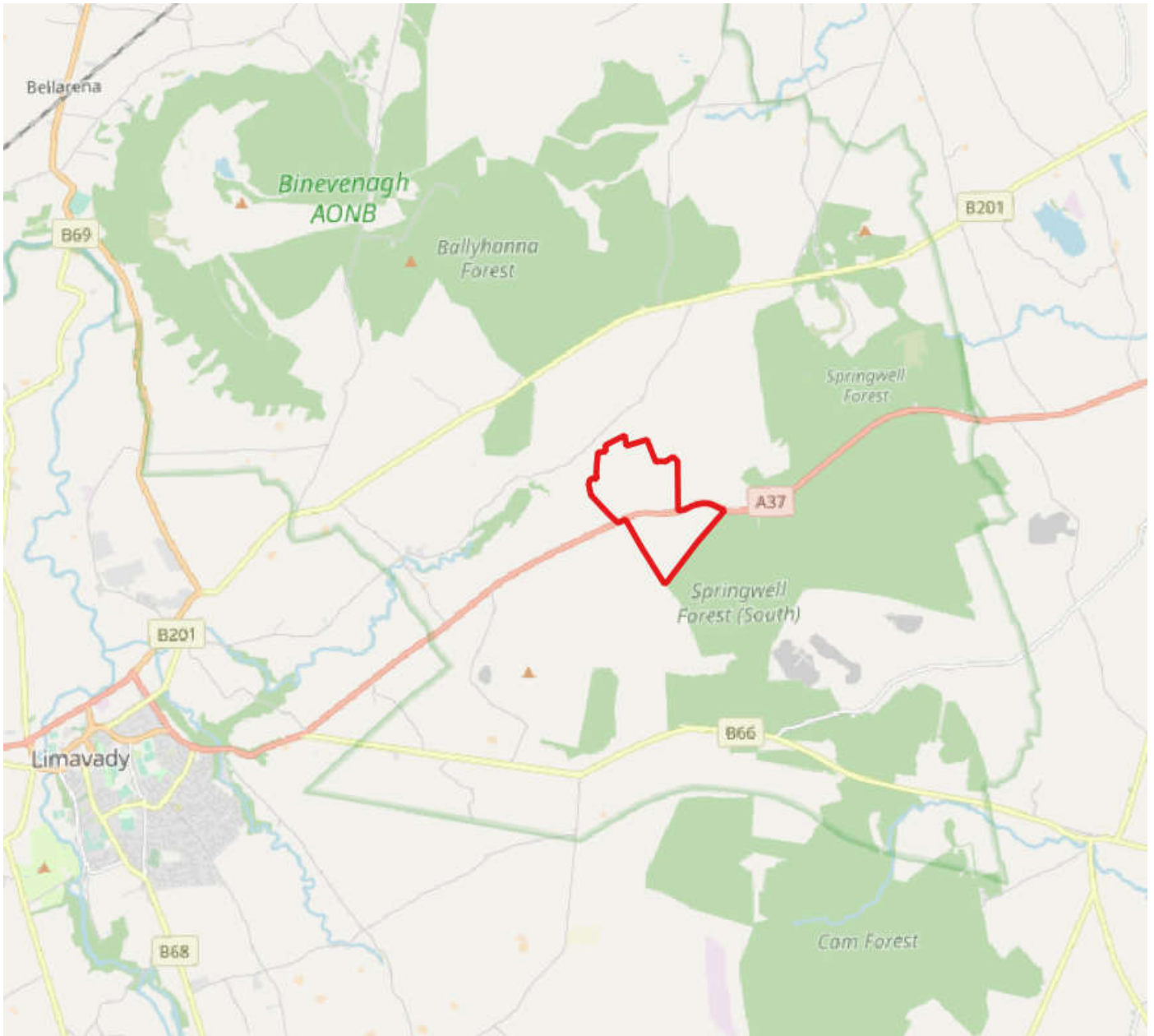
- Details of any salmonid (or other) designations and / or aquaculture sites, for all watercourses in the vicinity of, and in the downstream catchments of the proposed development.
- Advise any further considerations that are deemed appropriate for a hydrological assessment at the site from your perspective.

DAERA Environmental Crime Dept.

- Can you please assist by providing the details of any unlicensed landfills within 2km of the site.

DAERA DWI / PWS

- We would be grateful if DWI could provide held records of private water supplies, both surface water and groundwater abstractions, within 5km of the outlined approx. site location.
- If DWI holds any associated water quality data pertaining to PWS we would be grateful for this also.



Thanks,
Andrew



**ANDREW
SNOWLING**
Environmental
Technician
McCloy Consulting
Ltd.

t: +44 28 9084 8694
m: 07745573943
e: andrew.snowling@mccloyconsulting.com
w: www.mccloyconsulting.com



[Mossley Mill, Lower Ground \(West\), Carnmoney Road North, Newtownabbey, Co. Antrim BT36 5QA](#)

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Asset Management Unit



Andrew Snowling
McCloy Consulting
Mossley Mill
Lower Ground (West)
Carnmoney Road North
Newtownabbey
Co. Antrim
BT36 5QA

DfI Rivers
49 Tullywiggan Road
Loughry
Cookstown
Co. Tyrone
BT80 8SG

Telephone: 028 8676 8300

Your reference:
Our reference: IN1-23-11516

4 September 2023

Dear Andrew,

Re: Wind Farm located north-east of Limavady

Thank you for your enquiry received 22/08/23 regarding the above sites. There are no watercourses within the site, designated within the terms of the Drainage (Northern Ireland) Order 1973.

There may be undesignated watercourses, within or bounding the sites, about which we are unaware. DfI Rivers does not maintain a database of undesignated watercourses, which may be present at the sites. In this regard, you are advised to consult with Ordnance Survey, and/or undertake site inspections, etc. Within the terms of the above mentioned Order you are advised as follows:

1. If during the course of developing a site a watercourse is uncovered which was not previously evident, the Coleraine Office, 37 Castleroe Road, Coleraine, BT51 3RL, Tel 028 70 342357, must be contacted immediately in order that arrangements may be made for an investigation and direction in respect of any possible actions that may be necessary to maintain its drainage function; moreover

2. Any proposal either temporary or permanent in connection with a development that may impact on the drainage function of any watercourse within the site, now or in the future, such as release of storm water to, culverting, bridging, diverting building, adjacent to and/or over, etc. requires prior written consent from the Department. Details of such proposals, together with accompanying drawings, maps and calculations etc. must be submitted in advance of any development to the Coleraine Office at 37 Castleroe Road, Coleraine, BT51 3RL, Tel 028 70 342357. Failure to obtain such a written consent is an offence under the provisions of the above Order, which may lead to prosecution or other statutory action as provided for.

Dfl Rivers' records indicate that there is no history of flooding pertaining to your specific site.

Dfl Rivers' records show that there is floodplain encroachment of your site for the following predictive flood modelling scenarios:

- Pluvial (surface water) I200 (1 in 200-year return period, 0.5% Annual Exceedance Probability), map attached.
- Fluvial Q100 (1 in 100-year return period, 1% Annual Exceedance Probability), map attached.

Please note that the above details form the best available information currently available to Dfl Rivers. The responsibility rests with the user to seek further advice from appropriately qualified professionals, who may be able to undertake appropriate validation of the information provided. In addition, it is noteworthy that the above information does not take into account climate change, and therefore may be subject to change.

For further information you may wish to view The Strategic Flood Map (NI) — Rivers & Sea, available on the Dfl Rivers website at: - <https://www.infrastructure-ni.gov.uk/topics/rivers-and-flooding/flood-maps-ni>

The Department does not accept any liability for loss, injury or damage to any person or property as a result of any inaccuracy in the above information provided. In this regard you are advised to seek the services of qualified competent professional bodies to ascertain the suitability and completeness of the information regarding the location, condition of and responsibility for any buried services at this location.

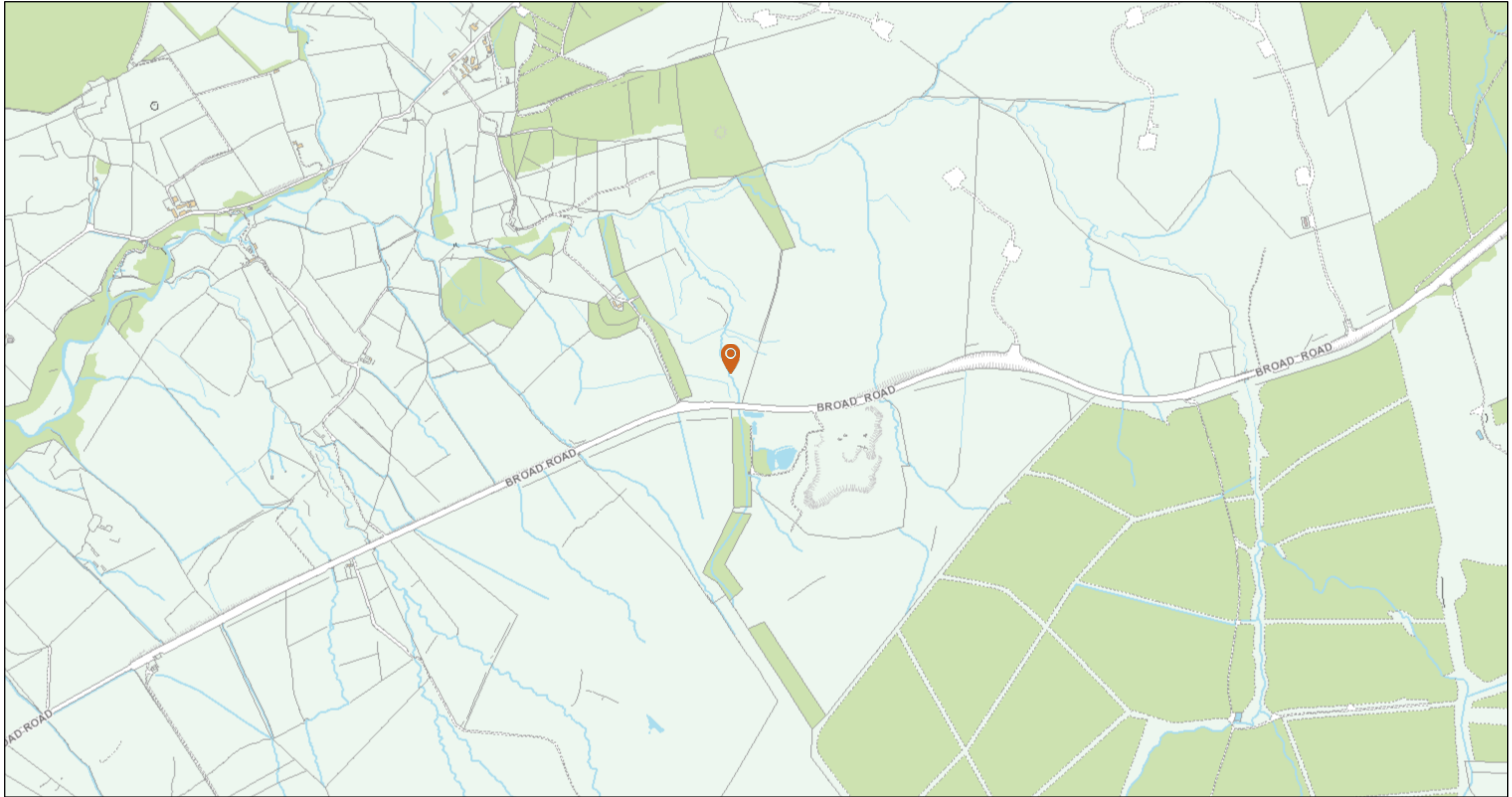
Future requests regarding the information on the Department's drainage and flood defence infrastructure should continue to be addressed to the DfI Rivers Asset Management Unit at the above address.

Yours sincerely,

Gavin Bell







Asset Management Unit

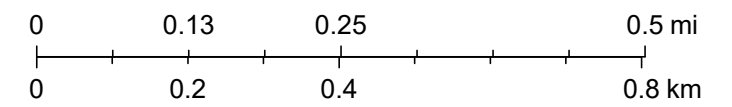
Dfl Rivers Assets - IN1-23-11516



04/09/2023, 10:34:52

1:10,000

-  Watercourses (Designated)
-  Flood Defence Structures
-  Network Pipe
-  River Level Alert Station
-  Network Node
-  River Alert Gauging Station



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Iain Muir

From: Bell, Gavin <Gavin.Bell@infrastructure-ni.gov.uk>
Sent: 04 September 2023 10:55
To: Andrew Snowling
Subject: Response: M01616-31 Proposed Development Information Request
Attachments: IN1-23-11516 Letter.pdf; IN1-23-11516 Map.pdf

Andrew,

Please see attached in response to your recent request below.

Regards,

Gavin

From: Andrew Snowling <andrew.snowling@mccloyconsulting.com>
Sent: Tuesday, August 22, 2023 2:25 PM
To: DfI Rivers Coleraine <Rivers.Coleraine@infrastructure-ni.gov.uk>
Cc: Iain Muir <Iain.muir@mccloyconsulting.com>
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FAO: DfI Rivers
Our Ref: M01616-31

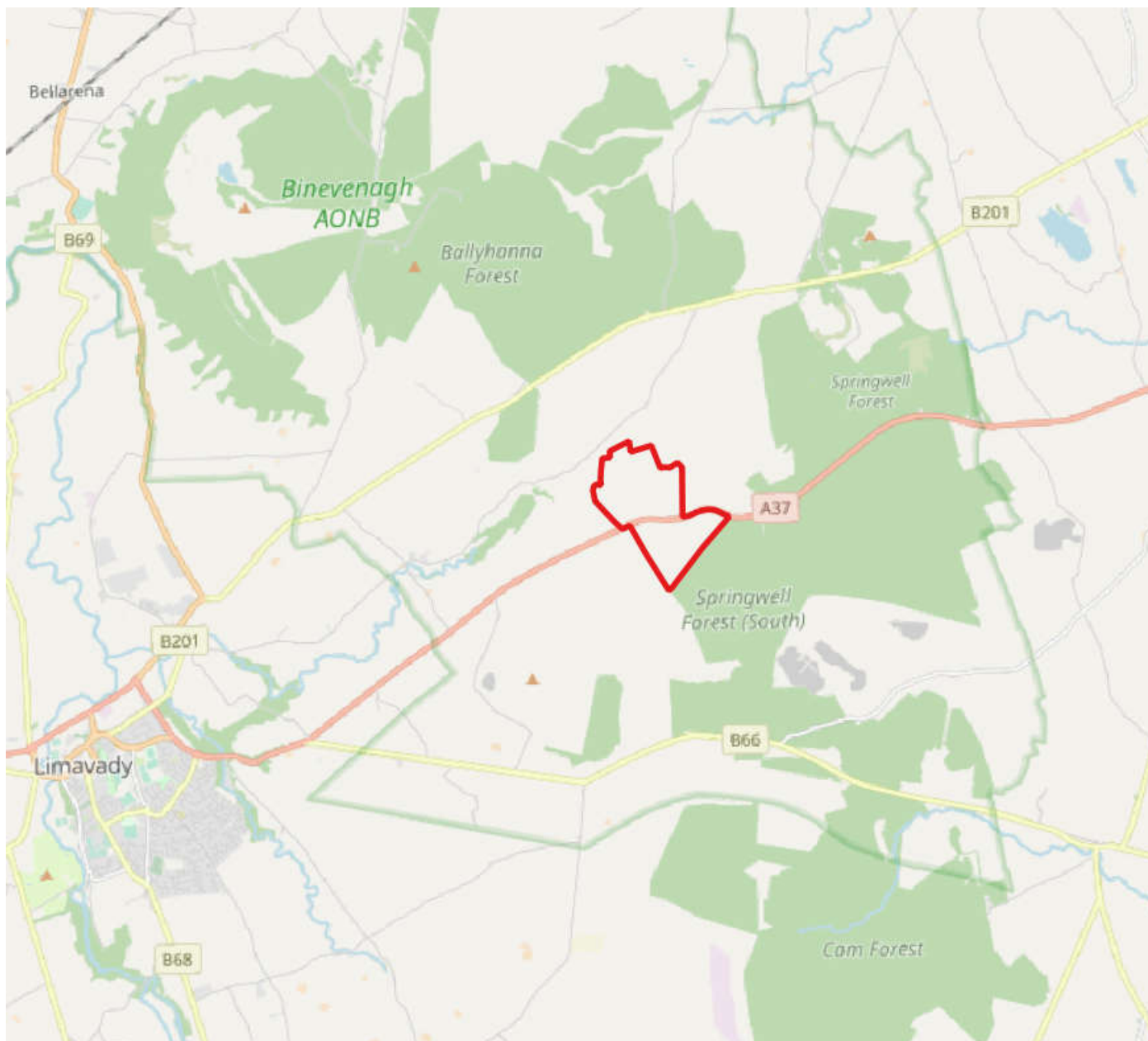
Dear Sir / Madam,

McCloy Consulting have been appointed to undertake a water and geology assessment in support of a planning application to a proposed wind farm located north-east of Limavady, Co. Derry/Londonderry. The site centroid is **IG: 274464,426340** – shown below.

As part of this assessment we are required to establish the current baseline conditions for the site. Would it be possible to provide the following information if available;

- Mapped confirmation of watercourse locations in the vicinity of the site
- Any flooding from various sources known to affect the site
- A layout plan of any culverts surrounding and within the area of interest as specified by the site boundary in the location map
- Culvert dimensions
- Culvert invert levels
- Records held by DfI Rivers for flooding on or immediately downstream of the site

If you have any queries about the above / wish to clarify anything please do not hesitate to get in touch.



Thanks,
Andrew



**ANDREW
SNOWLING**
Environmental
Technician
McCloy Consulting
Ltd.

t: +44 28 9084 8694
m: 07745573943
e: andrew.snowling@mccloyconsulting.com
w: www.mccloyconsulting.com



[Mossley Mill, Lower Ground \(West\), Carnmoney Road North, Newtownabbey, Co. Antrim BT36 5QA](#)

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Iain Muir

From: Mark Patton - BGS <magp@bgs.ac.uk>
Sent: 23 August 2023 12:38
To: Andrew Snowling
Cc: Iain Muir; gsnienquiries@economy-ni.gov.uk
Subject: Re: M01616-31 Proposed Development Information Request
Attachments: M01616-31Area of interest_GSNI.zip

Categories: Consultee response

Hi Andrew,

thank you for getting in touch with your enquiry. In response to your questions I can give you the following information.

Mineral Licensing

There are no current licences affected by the proposed development and no other anticipated impacts on future licensing at this time. Mineral Licence activity offers no constraint on the development.

Quarries

The current information that I have on quarry operations in the vicinity indicate two basalt quarries to the east, Cam and Croghan. I expect that your search would have identified these already given the size of the operations. There are no other active quarries that I have information for . Please be advised that this is not a definitive position and should not be considered as such. McCloy should carry out it's own investigations to satisfy the project requirements and ensure that there are no other operations that may impact.

Abandoned Mines

The abandoned mines layer on the GeoIndex contains the most up to date information that GSNI holds. As it stands there are no know workings in the vicinity of the proposal. Again however McCloy should ensure that ground conditions are satisfactory for the proposal.

I hope this response addresses your questions satisfactorily. If you need any further information, please get in touch.

Kind regards

Mark

Mark Patton *MSc MCSM PGeo*
Minerals Geologist, Geological Survey of Northern Ireland
P +44 (0) 28 9038 8462 (hybrid working)
e magp@bgs.ac.uk
w www.bgs.ac.uk

British Geological Survey | Dundonald House | Upper Newtownards Road | Belfast BT4 3SB | UK

From: Andrew Snowling <andrew.snowling@mccloyconsulting.com>

Sent: 22 August 2023 14:24

To: Mark Patton - BGS <magp@bgs.ac.uk>

Cc: Iain Muir <iain.muir@mccloyconsulting.com>

Subject: M01616-31 Proposed Development Information Request

You don't often get email from andrew.snowling@mccloyconsulting.com. [Learn why this is important](#)

FAO: GSNI – Minerals

Our Ref: M01616-31

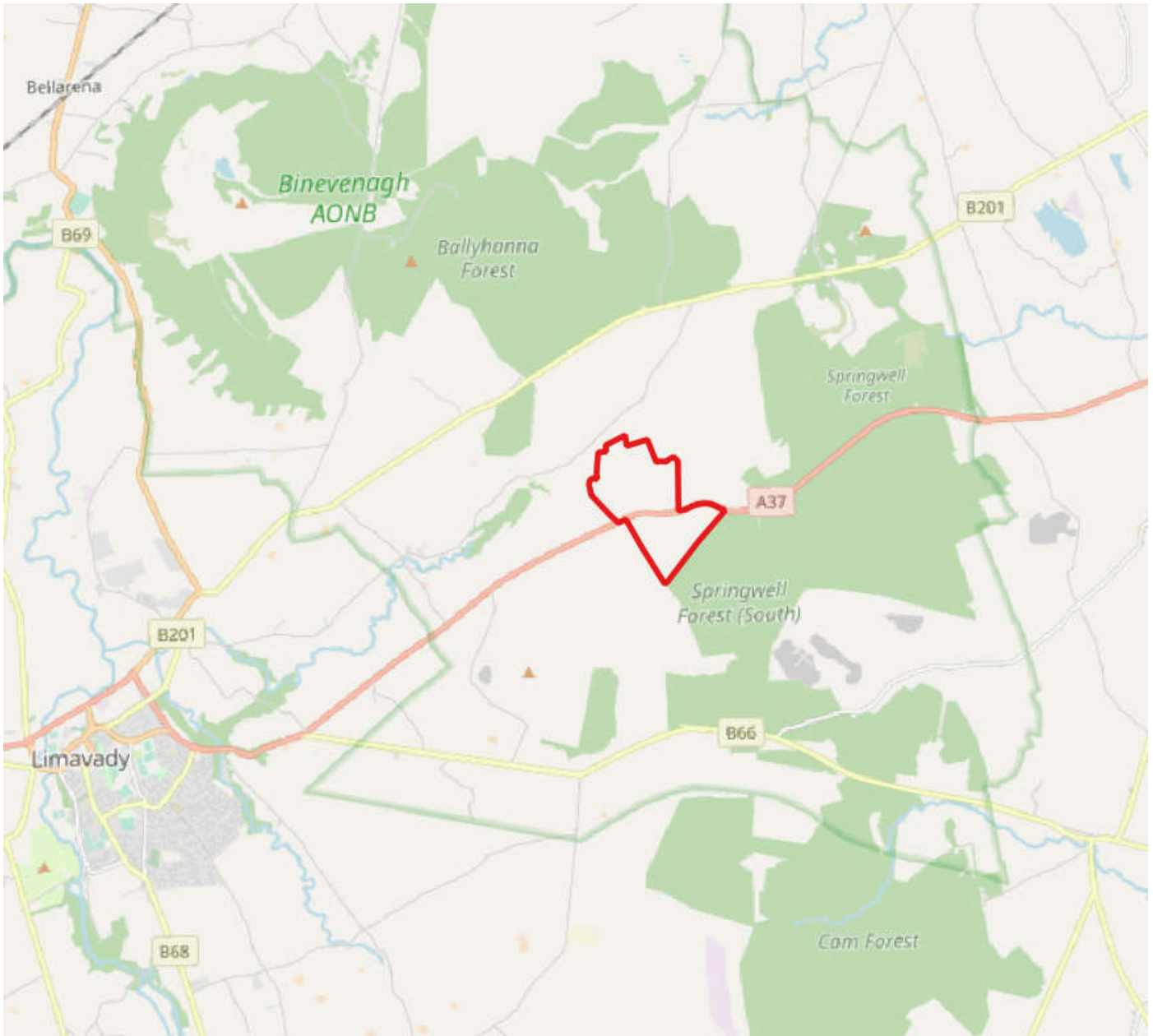
Hi Mark,

I am an environmental technician with McCloy Consulting, we've another project on-going that we're required to gather baseline information on and you were recommended as a contact within GSNI by my line manager Iain Muir. We're undertaking a water and geology assessment in support of a planning application to a wind farm extension located north-east of Limavady, Co. Derry/Londonderry. The site centroid is **IG: 274464,426340** – shown below.

I've attached the shapefile (.shp) of the Area of Interest for ease of reference.

- The Mineral Prospecting Licences Map indicates that the site is not located within a mineral prospecting licence area– can you provide any further information regarding potential constraints / proposed exploration in the area that we should be aware of?
- You also mentioned previously that the quarry layer that is available on the GeoIndex has a compilation date of 2000 and should not be relied on for up-to-date information – would you be able to provide any further data from the most recent Quarry Return regarding active quarries in immediate surrounding areas around the development site?
- Additionally, a review of the GeoIndex indicates there are no shafts and adits / historic mine workings in proximity to the site; therefore, we assume that historic mining is not a constraint to development. Can you confirm there are no other known features not shown on the GeoIndex that may be a constraint to the development?

Thanks in advance for your time. If you require further information please let me know.



Thanks,
Andrew.



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Iain Muir

From: Rachel Scott <Rachel.Scott@loughs-agency.org>
Sent: 21 November 2023 09:52
To: Caitriona Downey
Subject: RE: M01616-31 Proposed Development Information Request

Follow Up Flag: Follow up
Flag Status: Completed

Hi Catriona,



I can't remember if you guys have GIS there so below is a table of upstream and downstream coordinates at 3 sites where works were carried out in the Curly Burn in 2022.

Sites	Upstream X_Coordinates	Upstream Y_Coordinates	Downstream X_Coordinates	Downstream Y_Coordinates
1	271924	425606	271683	425539
2	270750	424414	270193	424459
3	269093	424377	268989	424506

The works included Fencing, Gates, Stiles, Pasture Pumps.

Regards

Rachel

From: Caitriona Downey <Caitriona.Downey@mccloyconsulting.com>
Sent: 14 November 2023 13:30
To: Rachel Scott <Rachel.Scott@loughs-agency.org>
Subject: RE: M01616-31 Proposed Development Information Request

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Hi Rachel



I've attached a data request form for the location of the habitat enhancement works on the Curly Burn if available in case there's any in the vicinity of the site could potentially be impacted by the windfarm development.

Many thanks

Caitriona

From: Rachel Scott <Rachel.Scott@loughs-agency.org>

Sent: Friday, August 25, 2023 12:28 PM

To: Andrew Snowling <andrew.snowling@mccloyconsulting.com>; riain McLaughlin <riain.McLaughlin@loughs-agency.org>

Cc: Iain Muir <iain.muir@mccloyconsulting.com>

Subject: RE: M01616-31 Proposed Development Information Request

Hi Andrew,

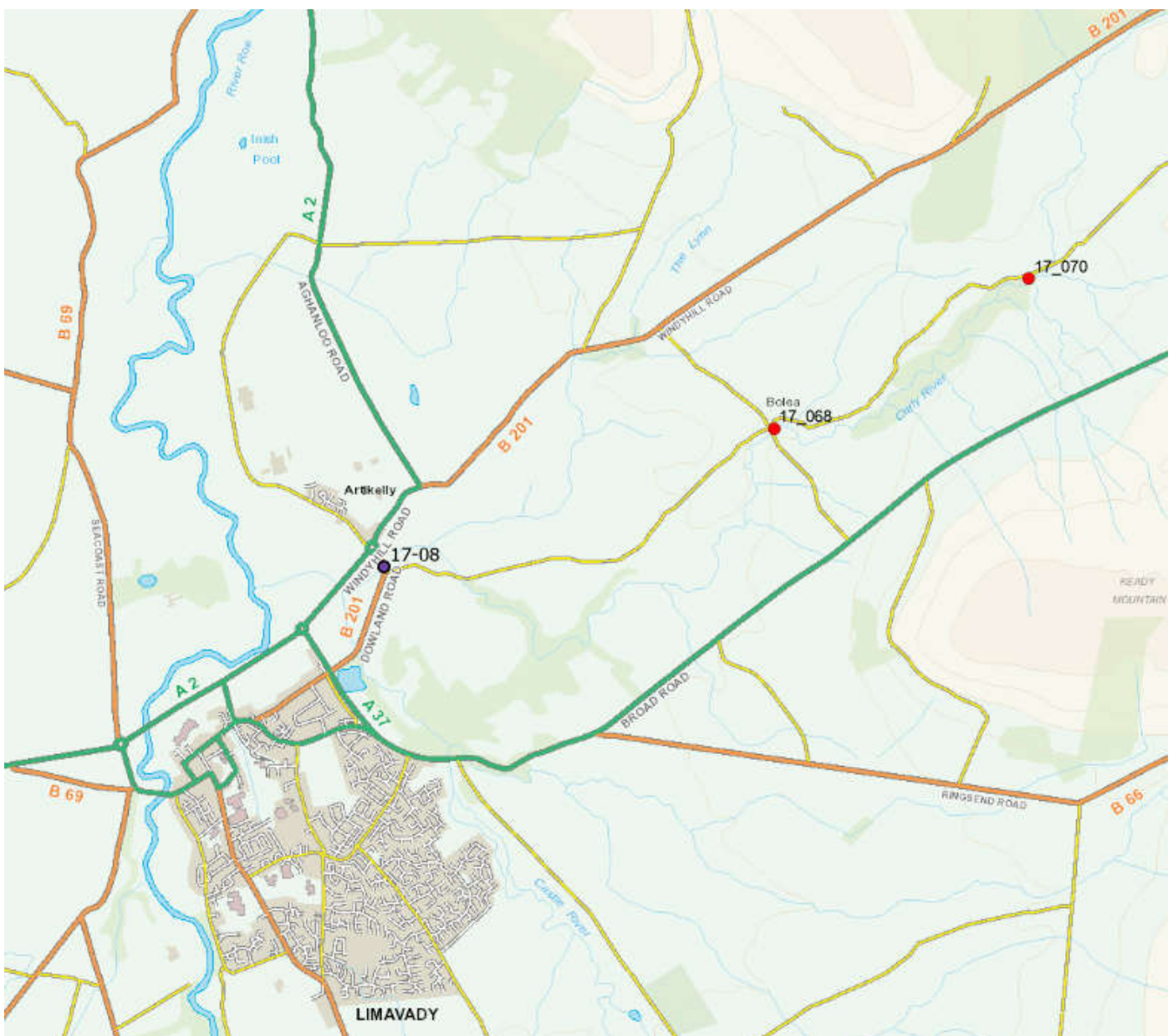
Please see attached water quality data at the 2 nearest site to the wind farm (17-08) along with the nearest 2 electrofishing sites (17_068, 17_070).

Note there is no data for 2020.

Riain can provide any further info on constraints.

Regards

Rachel



From: Andrew Snowling <andrew.snowling@mccloyconsulting.com>

Sent: 22 August 2023 16:59

To: riain McLaughlin <riain.McLaughlin@loughs-agency.org>; Rachel Scott <Rachel.Scott@loughs-agency.org>
Cc: iain Muir <iain.muir@mccloyconsulting.com>
Subject: RE: M01616-31 Proposed Development Information Request

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Hi Riain,

Thanks for the response, filled form attached.

Please let me know if you need anything else.

Thanks,
Andrew.



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From: riain McLaughlin <riain.McLaughlin@loughs-agency.org>
Sent: Tuesday, August 22, 2023 4:33 PM
To: Andrew Snowling <andrew.snowling@mccloyconsulting.com>; Rachel Scott <Rachel.Scott@loughs-agency.org>
Cc: iain Muir <iain.muir@mccloyconsulting.com>
Subject: RE: M01616-31 Proposed Development Information Request

Hi Andrew,

Please complete the attached data request form and we'll get it put together for you.

Cheers,

Riain

From: Andrew Snowling <andrew.snowling@mccloyconsulting.com>
Sent: 22 August 2023 14:25
To: Rachel Scott <Rachel.Scott@loughs-agency.org>; riain McLaughlin <riain.McLaughlin@loughs-agency.org>
Cc: iain Muir <iain.muir@mccloyconsulting.com>
Subject: M01616-31 Proposed Development Information Request

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FAO: Loughs Agency
Our Ref: M01616-31

Hello Rachel / Riain

I am a technician with McCloy Consulting, I was provided your details by my line manager Iain Muir, and I wondered if you'd be able to provide any further information to help inform the assessment we are undertaking.

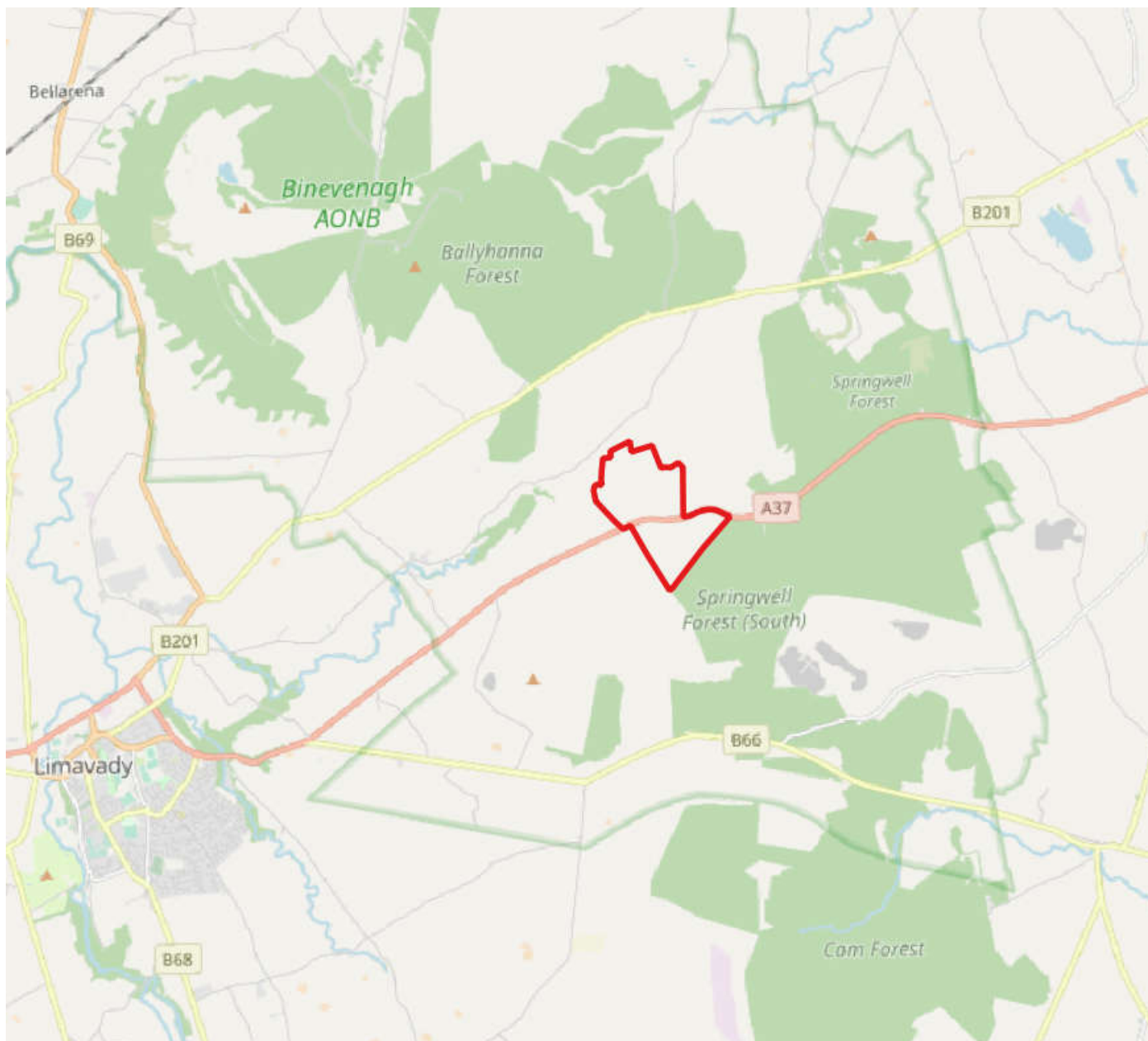
We have been appointed to undertake a water and geology assessment in support of a planning application to a proposed wind farm located south-west of Drumquin, north-east of Limavady, Co. Derry/Londonderry. The site centroid is **IG: 274464,426340**– shown below.

As the watercourses lie within Loughs Agency jurisdiction, we wished to consult with you and ask if further information was available i.e.:

- Fisheries data;
- Any indication of any potential constraints from Loughs Agency perspective;
- Water quality data held by Loughs Agency for watercourses immediately downstream of the proposed development site;

If you require further information please let me know.

Thanks in advance for your time.



Thanks,
Andrew



**ANDREW
SNOWLING**
Environmental
Technician
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Ltd.

t: +44 28 9084 8694
m: 07745573943
e: andrew.snowling@mccloyconsulting.com
w: www.mccloyconsulting.com



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andrew.snowling@mccloyconsulting.com Information Management Unit
IT Suite
Westland House
40 Old Westland Road
Belfast
BT14 6TE

Tel: 028 90350615

Email: imu@niwater.com

Your reference: M01616-31

Our reference: NIW 2324251

Date: 5 September 2023

Dear Mr Snowling,

Environmental Information Regulations 2004

Thank you for your email of 22 August 2023, in which you requested information about Lough Tully Bradan Impounding Reservoir and public water abstractions and borehole abstractions within 5km of site centroid IG: 274464,426340.

As your queries fall under the definition of request for environmental information, NI Water is replying under the disclosure provisions of the Environmental Information Regulations 2004 ("the EIR").

In relation to your queries into Lough Bradan Tully Impounding Reservoir, I can confirm that NI Water has a specific, chargeable process for the disclosure of this information, called a Pre-Development Enquiry (PDE).

<https://www.niwater.com/services-for-developers/single-unit-developments/pre-planning/pre-development-enquiry/>

Regulation 6(1)(b) of the EIR states that *“Where an applicant requests that the information be made available in a particular form or format, a public authority shall make it so available, unless the information is already publicly available and easily accessible in another form or format.”*

I can confirm that there are no borehole abstractions used by NI Water within 5km of the site.

In relation to your request for public water abstractions, information on public and private water abstractions should be sought from the Department of Agriculture, Environment and rural affairs (DAERA). Their contact details are as follows.

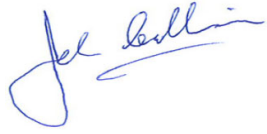
Abstractions & Impounding Licensing Team
Water Management Unit
NIEA
17 Antrim Road
Tonagh
Lisburn
County Antrim
BT28 3AL
Email: AIL@daera-ni.gov.uk

You have the right to request that NI Water formally review this response within forty working days of the date of this letter. If you wish to do so, please write to NI Water Information Management Unit, IT Suite, Westland House, 40 Old Westland Road, Belfast, BT14 6TE.

If, after such an internal review, you are still unhappy with the response, you have the right to appeal to the Information Commissioner at Wycliffe House, Water Lane, Wilmslow, CHESHIRE, SK9 5AF, who will undertake an independent review.

If you have any queries about this letter, please contact me. Please remember to quote the reference number above in any future communications.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'John Collins', with a stylized flourish at the end.

John Collins

Head of Corporate Information & Data Protection Officer

Northern Ireland Water

Iain Muir

From: Information Management Unit <IMU@niwater.com>
Sent: 05 September 2023 16:01
To: Andrew Snowling
Subject: Your Ref M01616-31 - NI Water Response - NIW 2324251
Attachments: Response 2324251.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Mr Snowling,

Please find attached NI Water's response to your information access request of 22 August 2023.

Kind regards,

Leah Tumilty
Information Support Officer
northern ireland water
Information Management Unit (IMU)
Westland House
40 Old Westland Road
Belfast
BT14 6NT

Tel: 0345 7440088
Web: www.niwater.com



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