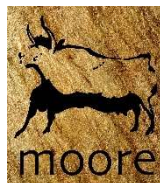


Report for the purposes of
Appropriate Assessment Screening

Tinahask Residential Development

Prepared by: Moore Group – Environmental Services

14 August 2024



On behalf of Wicklow County Council

Project Proponent	Wicklow County Council
Project	Tinahask Residential Development
Title	Report for the purposes of Appropriate Assessment Screening Tinahask Residential Development


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Abbreviations

AA	Appropriate Assessment
ABP	An Bord Pleanála
CEMP	Construction Environmental Management Plan
EEC	European Economic Community
EPA	Environmental Protection Agency
EU	European Union
FWPM	Freshwater Pearl Mussel
GIS	Geographical Information System
LAP	Local Area Plan
NHA	Natural Heritage Area
NIS	Natura Impact Statement
NPWS	National Parks and Wildlife Service
OSI	Ordnance Survey Ireland
pNHA	proposed Natural Heritage Area
SAC	Special Area of Conservation
SPA	Special Protection Area
SuDS	Sustainable Drainage System
UÉ	Uisce Éireann
WFD	Water Framework Directive

1. Introduction

1.1. General Introduction

This report for the purposes of Appropriate Assessment (AA) Screening contains information required for the competent authority to undertake screening for Appropriate Assessment (AA) in respect of the construction and operation of a social housing development at Tinahask, Arklow, Co. Wicklow (hereafter referred to as the Proposed Development) to determine whether it is likely individually or in combination with other plans or projects to have a significant effect on any European sites, in light of best scientific knowledge.

Having regard to the provisions of the Planning and Development Act 2000 – 2021 (the “Planning Acts”) (section 177U), the purpose of a screening exercise under section 177U of the PDA 2000 is to assess, in view of best scientific knowledge, if the proposed development, individually or in combination with other plans or projects is likely to have a significant effect on a European site.

If it cannot be *excluded* on the basis of objective information that the proposed development, individually or in combination with other plans or projects, will have a significant effect on a European site then it is necessary to carry out a Stage 2 appropriate assessment under section 177V of the Planning Acts.

When screening the project, there are two possible outcomes:

- the project poses no potential for the possibility of a significant effect and as such requires no Stage 2 assessment; or
- the project has potential to have a significant effect (or this is uncertain and therefore cannot be excluded) and therefore a Stage 2 Appropriate Assessment of the project is necessary.

This report has been prepared by Moore Group - Environmental Services to enable the competent authority to carry out AA screening in relation to the Proposed Development. The report was compiled by Ger O’Donohoe B.Sc. Applied Aquatic Sciences (ATU Galway, 1993) & M.Sc. Environmental Sciences (TCD, 1999) who has 30 years’ experience in environmental impact assessment and has completed numerous Appropriate Assessment Screening Reports and Natura Impact Statements on terrestrial and aquatic habitats for various development types.

1.2. Legislative Background - The Habitats and Birds Directives

Article 6(3) and 6(4) of the Habitats Directive are transposed into Irish Law inter alia by the Part XAB of the Planning Acts (in particular section 177U and 177V) which governs the requirement to carry out appropriate assessment screening and appropriate assessment, where required, per Section 1.1 above.

The Habitats Directive (Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora) is the main legislative instrument for the protection and conservation of biodiversity in the European Union (EU). Under the Habitats Directive, Member States are obliged to designate Special Areas of Conservation (SACs) which contain habitats or species considered important for protection and conservation in a EU context.

The Birds Directive (Council Directive 2009/147/EC on the conservation of wild birds), transposed into Irish law by the Bird and Natural Habitats Regulations 2011 as amended, and the Wildlife Act 1976, as amended, is concerned with the long-term protection and management of all wild bird species and their habitats in the EU. Among other things, the Birds Directive requires that Special Protection Areas (SPAs) be established to protect migratory species and species which are rare, vulnerable, in danger of extinction, or otherwise require special attention.

SACs designated under the Habitats Directive and SPAs, designated under the Birds Directive, form a pan-European network of protected sites known as Natura 2000. The Habitats Directive sets out a unified system for the protection and management of SACs and SPAs. These sites are also referred to as European sites.

Articles 6(3) and 6(4) of the Habitats Directive set out the requirement for an assessment of proposed plans and projects likely to have a significant effect on Natura 2000 sites.

Article 6(3) establishes the requirement to screen all plans and projects and to carry out an appropriate assessment if required (Appropriate Assessment (AA)):

Article 6(3): *“Any plan or project not directly connected with or necessary to the management of the site but likely to have a significant effect thereon, either individually or in combination with other plans or projects, shall be subjected to an appropriate assessment of its implications for the site in view of the site’s conservation objectives. In light of the conclusions of the assessment of the implications for the site and subject to the provisions of paragraph 4, the competent national authorities shall agree to the plan or project only after having ascertained that it will not adversely affect the integrity of the site concerned and, if appropriate, after having obtained the opinion of the general public.”*

2. Methodology

The Commission’s methodological guidance (EC, 2002, 2018, 2021 see Section 2.1 below) promotes a four-stage process to complete the AA and outlines the issues and tests at each stage. An important aspect of the process is that the outcome at each successive stage determines whether a further stage in the process is required.

Stages 1 and 2 deal with the main requirements for assessment under Article 6(3). Stage 3 may be part of Article 6(3) or may be a necessary precursor to Stage 4. Stage 4 is the main derogation step of Article 6(4).

Stage 1 Screening: This stage examines the likely effects of a project either alone or in combination with other projects upon a Natura 2000 site and considers whether it can be objectively concluded that these effects will not be significant. In order to screen out a project, it must be excluded, on the basis of objective information, that the Proposed Development, individually or in combination with other plans or projects, will have a significant effect on a European site.

Stage 2 Appropriate Assessment: This stage examines whether it is likely that the project, either alone or in combination with other projects or plans, will have a significant effect upon a European site. In order to 'screen out' a project (i.e. in order to conclude that it is not necessary to move to the 'Stage 2' appropriate assessment stage (see immediately below), the possibility that the Proposed Development (individually or in combination with other plans or projects), will have a significant effect on a European site must be excluded on the basis of objective information.

Stage 3 Assessment of Alternative Solutions: This stage examines alternative ways of implementing the project that, where possible, avoid any adverse impacts on the integrity of the Natura 2000 site.

Stage 4 Assessment where no alternative solutions exist and where adverse impacts remain: Where imperative reasons of overriding public interest (IROPI) exist, an assessment to consider whether compensatory measures will or will not effectively offset the damage to the sites will be necessary.

To ensure that the Proposed Development complies fully with the requirements of Article 6 of the Habitats Directive and all relevant Irish transposing legislation, Moore Group compiled this report to enable the competent authority to carry out AA screening in relation to the Proposed Development to determine whether it can be excluded, on the basis of objective information, that the Proposed Development, individually or in combination with other plans or projects, will have a significant effect on a European site(s).

2.1. Guidance

This report has been compiled in accordance with guidance contained in the following documents:

- Appropriate Assessment of Plans and Projects in Ireland - Guidance for Planning Authorities. (Department of Environment, Heritage and Local Government, 2010 rev.).
- Appropriate Assessment under Article 6 of the Habitats Directive: Guidance for Planning Authorities. Circular NPWS 1/10 & PSSP 2/10.
- Managing Natura 2000 Sites: The Provisions of Article 6 of the Habitat's Directive 92/43/EEC (EC, 2018).
- Guidance document on the strict protection of animal species of Community interest under the Habitats Directive (EC, 2021).
- Assessment of plans and projects in relation to Natura 2000 sites - Methodological guidance on Article 6(3) and (4) of the Habitats Directive 92/43/EEC (EC, 2021).

- Office of the Planning Regulator (OPR) Practice Note PN01 Appropriate Assessment Screening for Development Management (OPR, 2021).
- Natura Impact Statement Sustainable Residential Development and Compact Settlement Guidelines for Planning Authorities (NPWS, 2024).

2.2. Data Sources

Sources of information that were used to collect data on the Natura 2000 network of sites, and the environment within which they are located, are listed below:

- The following mapping and Geographical Information Systems (GIS) data sources, as required:
 - National Parks & Wildlife (NPWS) protected site boundary data;
 - Ordnance Survey of Ireland (OSI) mapping and aerial photography;
 - OSI/Environmental Protection Agency (EPA) rivers and streams, and catchments;
 - Digital Elevation Model over Europe (EU-DEM);
 - Google Earth and Bing aerial photography 1995-2024;
- Online data available on Natura 2000 sites as held by the National Parks and Wildlife Service (NPWS) from www.npws.ie including:
 - Natura 2000 - Standard Data Form;
 - Conservation Objectives;
 - Site Synopses;
- National Biodiversity Data Centre records;
 - Online database of rare, threatened and protected species;
 - Publicly accessible biodiversity datasets.
- Status of EU Protected Habitats in Ireland. (National Parks & Wildlife Service, 2019); and
- Relevant Development Plans;
 - Wicklow County Development Plan 2022-2028

3. Description of the Proposed Development

The Proposed Development consists of the construction and operation of a social housing development at Tinahask, Arklow, Co. Wicklow. This will comprise a total of 74 No. units, with 8 No. 1 bed bungalows, 2 No. 1 bed apartment units, 45 No. 2 bedroom, 17 No. 3 bedroom and 2 No. 4 bedroom houses, together with green spaces, car parking, access roads and all ancillary development. The Proposed Development will be connected to the existing municipal wastewater infrastructure for the treatment of wastewater. Figure 1 shows the Proposed Development location and Figure 2 shows a detailed view of the Proposed Development boundary on recent aerial photography. Figure 3 shows the layout of the Proposed Development.

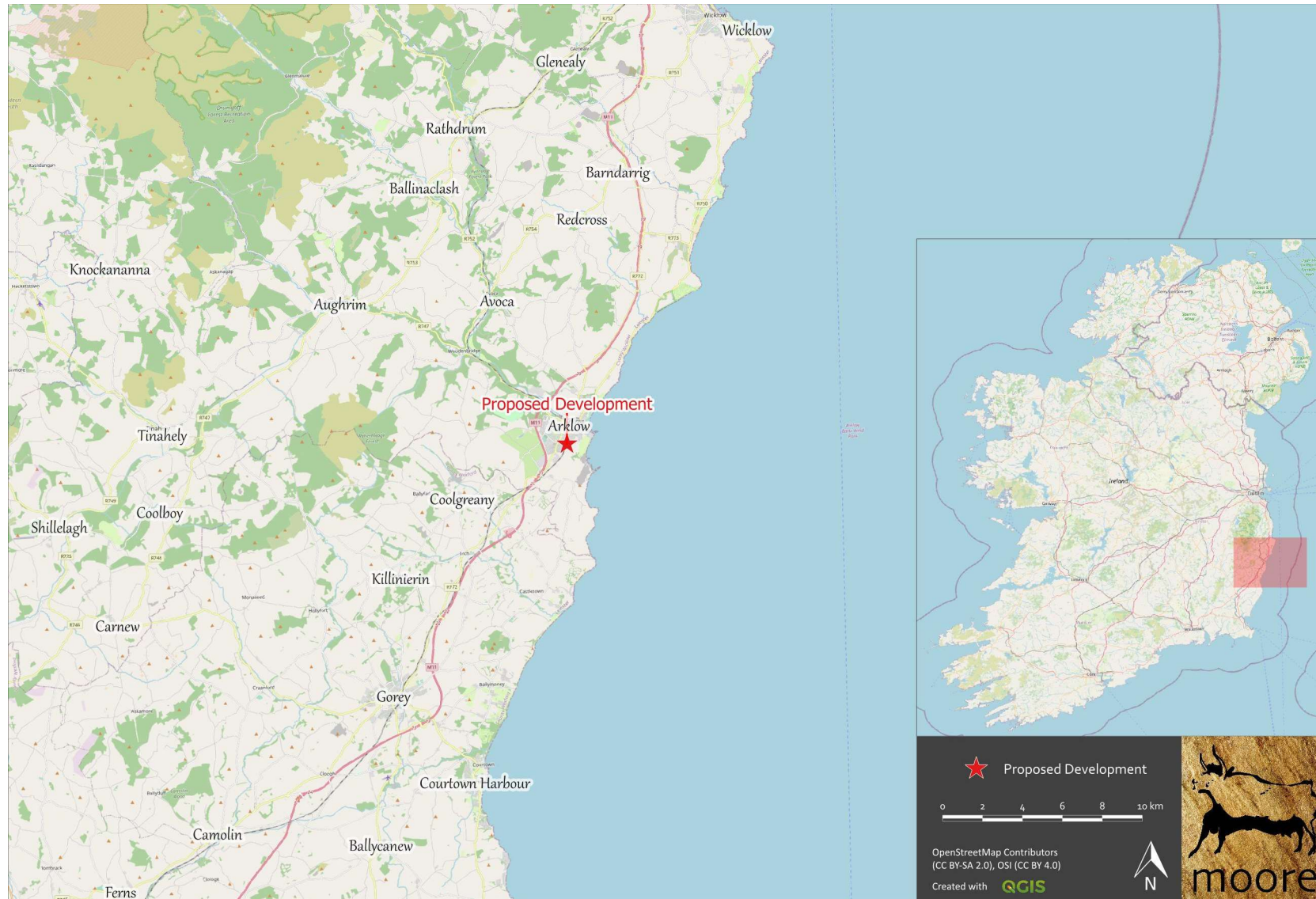


Figure 1. Showing the Proposed Development location at Arklow, Co. Wicklow.



Figure 2. Showing the Proposed Development boundary on recent aerial photography.

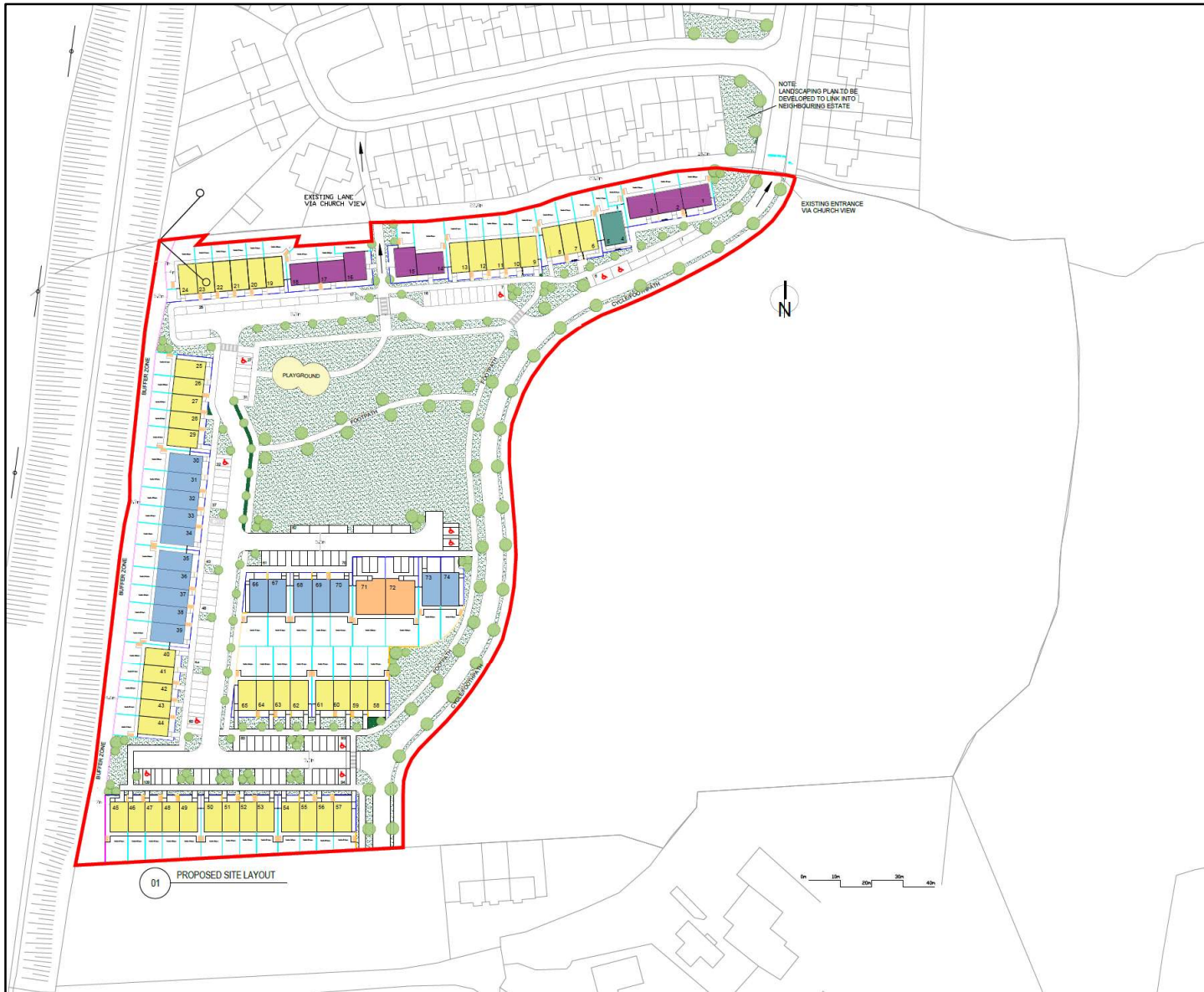


Figure 3. Plan of the Proposed Development.

4. Identification of Natura 2000 Sites

4.1. Description of Natura Sites Potentially Significantly Affected

A Zone of Influence (Zoi) of a proposed development is the geographical area over which it could affect the receiving environment in a way that could have significant effects on the Qualifying Interests of a European site. In accordance with the OPR Practice Note (2021), PN01, the Zoi should be established on a case-by-case basis using the Source- Pathway-Receptor framework.

The European Commission's "Assessment of plans and projects in relation to Natura 2000 sites guidance on Article 6(3) and (4) of the Methodological Habitats Directive 92/43/EEC" published 28 September 2021 states at section 3.1.3, that:

"Identifying the Natura 2000 sites that may be affected should be done by taking into consideration all aspects of the plan or project that could have potential effects on any Natura 2000 sites located within the zone of influence of the plan or project. This should take into account all of the designating features (species, habitat types) that are significantly present on the sites and their conservation objectives. In particular, it should identify:

- *any Natura 2000 sites geographically overlapping with any of the actions or aspects of the plan or project in any of its phases, or adjacent to them;*
- *any Natura 2000 sites within the likely zone of influence of the plan or project Natura 2000 sites located in the surroundings of the plan or project (or at some distance) that could still be indirectly affected by aspects of the project, including as regards the use of natural resources (e.g. water) and various types of waste, discharge or emissions of substances or energy;*
- *Natura 2000 sites in the surroundings of the plan or project (or at some distance) which host fauna that can move to the project area and then suffer mortality or other impacts (e.g. loss of feeding areas, reduction of home range);*
- *Natura 2000 sites whose connectivity or ecological continuity can be affected by the plan or project".*

The range of Natura 2000 sites to be assessed, i.e. the zone in which impacts from the plan or project may arise, will depend on the nature of the plan or project and the distance at which effects may occur. For Natura 2000 sites located downstream along rivers or wetlands fed by aquifers, it may be that a plan or project can affect water flows, fish migration and so forth, even at a great distance. Emissions of pollutants may also have effects over a long distance. Some projects or plans that do not directly affect Natura 2000 sites may still have a significant impact on them if they cause a barrier effect or prevent ecological linkages. This may happen, for example, when plans affect features of the landscape that connect Natura 2000 sites or that may obstruct the

movements of species or disrupt the continuity of a fluvial or woodland ecosystem. To determine the possible effects of the plan or project on Natura 2000 sites, it is necessary to identify not only the relevant sites but also the habitats and species that are significantly present within them, as well as the site objectives.

The Zone of Influence may be determined by considering the Proposed Development's potential connectivity with European sites, in terms of:

- Nature, scale, timing and duration of all aspects of the proposed works and possible impacts, including the nature and size of excavations, storage of materials, flat/sloping sites;
- Distance and nature of potential pathways (dilution and dispersion; intervening 'buffer' lands, roads etc.); and
- Location of ecological features and their sensitivity to the possible impacts.

The potential for source pathway receptor connectivity is firstly identified through GIS interrogation and detailed information is then provided on sites with connectivity. European sites that are located within a potential Zone of Influence of the Proposed Development are listed in Table 1 and presented in Figures 4 and 5, below. Spatial boundary data on the Natura 2000 network was extracted from the NPWS website (www.npws.ie) on 14 August 2024. This data was interrogated using GIS analysis to provide mapping, distances, locations and pathways to all sites of conservation concern including pNHAs, NHA and European sites.

Table 1 European Sites located within the potential Zone of Influence¹ of the Proposed Development.

Site Code	Site name	Distance (km) ²
000729	Buckroney-Brittias Dunes and Fen SAC	6.10
001742	Kilpatrick Sandhills SAC	5.57

The nearest European sites to the Proposed Development are the Buckroney-Brittias Dunes and Fen SAC (Site Code 000729, approximately 6km to the northeast, and the Kilpatrick Sandhills SAC (Site Code 001742), 5.5km to the south. There is no connectivity to water courses leading to the Irish Sea and there is no meaningful connectivity to either of these two sites and they are screened out at this stage.

The Proposed Development is located within a field of improved agricultural grassland, immediately east of the Dublin - Rosslare railway line, on the southeastern outskirts of Arklow. A review of aerial photography, Ordnance Survey Ireland (OSI) mapping and OSI Geographical Information System (GIS) data for rivers and streams indicates that there are no notable surface water features onsite and no direct hydrological pathways to offsite surface water bodies. This was confirmed during fieldwork on habitat assessment on 3 August 2023.

¹ All European sites potentially connected irrespective of the nature or scale of the Proposed Development.

² Distances indicated are the closest geographical distance between the Proposed Development and the European site boundary, as made available by the NPWS.

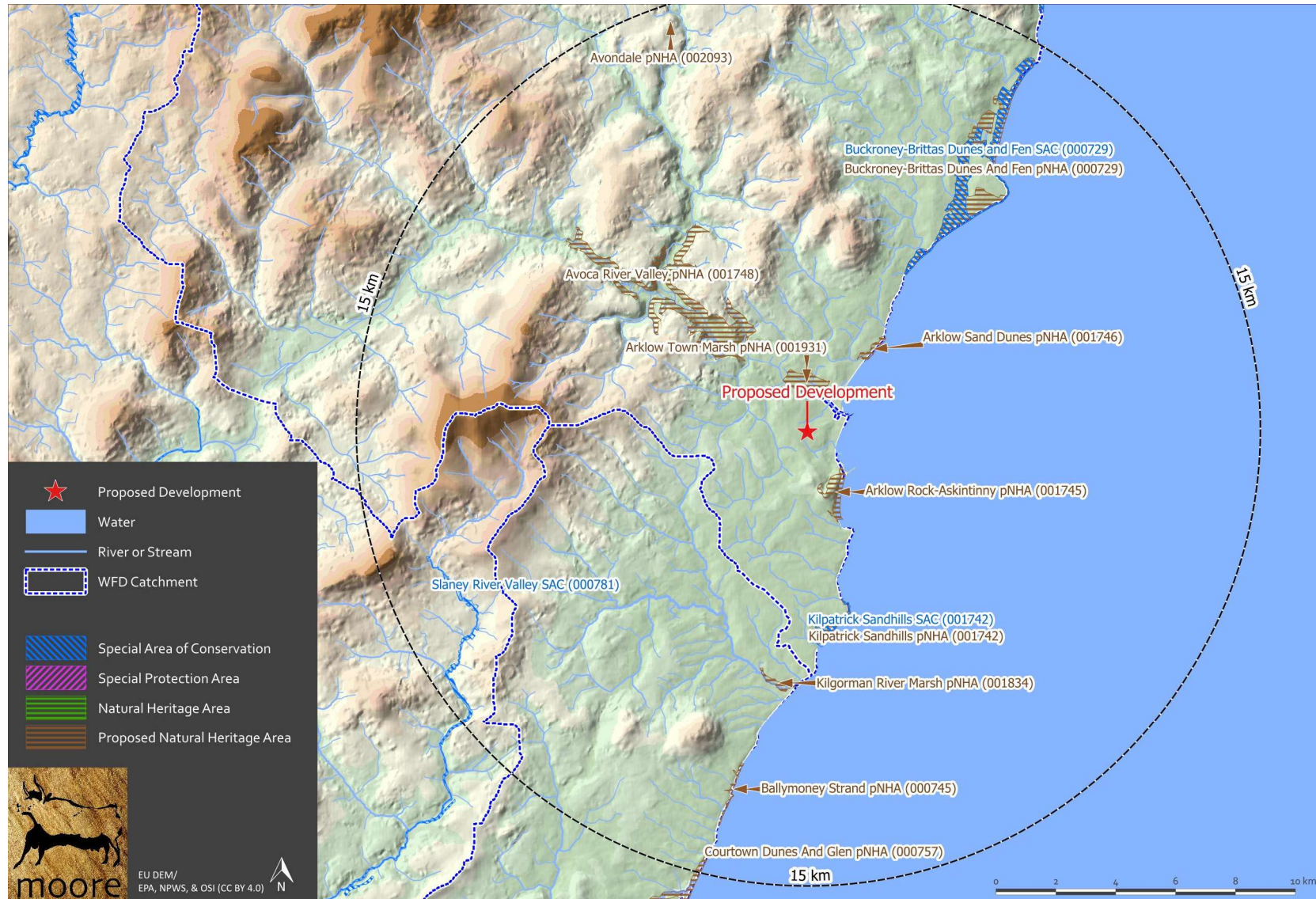


Figure 4. Showing European sites and NHAs/pNHAs within the wider Potential Zone of Influence of the Proposed Development.



Figure 5. Detailed view of European sites in the nearer Potential Zone of Influence of the Proposed Development.

4.2. Ecological Network Supporting Natura 2000 Sites

A concurrent GIS analysis of the proposed Natural Heritage Areas (pNHA) and designated Natural Heritage Areas (NHA) in terms of their role in supporting the species using Natura 2000 sites was undertaken along with GIS investigation of European sites. These supporting roles mainly relate to mobile fauna such as mammals and birds which may use pNHAs and NHAs as ecological corridors or “stepping stones” between Natura 2000 sites.

Article 10 of the Habitats Directive and the Habitats Regulations 2011 place a high degree of importance on such non-Natura 2000 areas as features that connect the Natura 2000 network. Features such as ponds, woodlands and important hedgerows were taken into account in the decision process and during the preparation of this AA Screening report.

The NHAs and pNHAs identified in Figure 4 are located outside the Zone of Influence and there are no areas of supporting habitat that will be impacted by the Proposed Development.

5. Identification of Potential Impacts & Assessment of Significance

The Proposed Development is not directly connected with or necessary to the management of the sites considered in the assessment and therefore potential impacts must be identified and considered.

5.1. Assessment of Likely Significant Effects

The Proposed Development is located within a field of improved agricultural grassland, immediately east of the Dublin - Rosslare railway line, on the southeastern outskirts of Arklow. A review of aerial photography, Ordnance Survey Ireland (OSI) mapping and OSI Geographical Information System (GIS) data for rivers and streams indicates that there are no notable surface water features onsite and no direct hydrological pathways to offsite surface water bodies. This was confirmed during fieldwork on habitat assessment on 3 August 2023.

There is no connectivity to any European sites within or outside the potential Zone of Influence.

The consideration of all potential direct and indirect impacts that may result in significant effects on the conservation objectives of a European site, taking into account the size and scale of the Proposed Development are presented in Table 2.

Table 2 Assessment of Likely Significant Effects.

Identification of all potential direct and indirect impacts that may result in significant effects on the conservation objectives of a European site, taking into account the size and scale of the project.	
Impacts:	Significance of Impacts:
<p>Construction phase e.g.</p> <p>Vegetation clearance</p> <p>Demolition</p> <p>Surface water runoff from soil excavation/infill/landscaping (including borrow pits)</p> <p>Dust, noise, vibration</p> <p>Lighting disturbance</p> <p>Impact on groundwater/dewatering</p> <p>Storage of excavated/construction materials</p> <p>Access to site</p> <p>Pests</p>	<p>None</p> <p>The Proposed Development site is located within the boundary of a field of improved grassland.</p>
<p>Operational phase e.g.</p> <p>Direct emission to air and water</p> <p>Surface water runoff containing contaminant or sediment</p> <p>Lighting disturbance</p> <p>Noise/vibration</p> <p>Changes to water/groundwater due to drainage or abstraction</p> <p>Presence of people, vehicles and activities</p> <p>Physical presence of structures (e.g. collision risks)</p>	<p>All foul and surface water runoff, once the facility is operational, will be contained on site and discharged to urban drainage systems.</p> <p>There is no real likelihood of any significant effects on European Sites in the wider catchment area.</p> <p>The proposed development site is located at a distance of removal such that there will be no disturbance to qualifying interest species in any European sites.</p>
Describe any likely changes to the European site:	
Examples of the type of changes to give consideration to include:	None.

Reduction or fragmentation of habitat area Disturbance to QI species Habitat or species fragmentation Reduction or fragmentation in species density Changes in key indicators of conservation status value (water quality etc.) Changes to areas of sensitivity or threats to QI Interference with the key relationships that define the structure or ecological function of the site Climate change	The Proposed Development site is not located adjacent or within a European site, therefore there is no risk of habitat loss or fragmentation or any effects on QI habitats or species directly or ex-situ.
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5.2. Assessment of Potential In-Combination Effects

In-combination effects are changes in the environment that result from numerous human-induced alterations. In-combination effects can be thought of as occurring through two main pathways: first, through persistent additions or losses of the same materials or resource, and second, through the compounding effects as a result of the coming together of two or more effects.

As part of the Screening for an Appropriate Assessment, in addition to the Proposed Development, other relevant plans and projects in the area must also be considered at this stage. This step aims to identify at this early stage any possible significant in-combination effects of the Proposed Development with other such plans and projects on European sites.

A review of the National Planning Application Database was undertaken. The database was then queried for developments granted planning permission within 500m of the Proposed Development within the last three years, these are presented in Table 3 below.

Table 3. Planning applications granted permission in the vicinity of the Proposed Development.

Planning Ref.	Description of development	Comments
201069	to construct a revised two storey extension to the rear and side of our home including associated site works previously granted under PRR 151034	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
201210	demolition of existing 498m2 commercial unit and removal of existing temporary car wash, construction of 32 housing units that shall consist of 8 one bedroom apartments and 8 two bed duplex apartments identified as Blocks 1 & 2 and 16 three bedroom houses identified as block 3, 4, 5, 6 and 7 with connection to existing services	No potential for in-combination effects given that the proposed development will have no effects on any European sites.

Planning Ref.	Description of development	Comments
201283	alterations and additions to an existing dormer detached dwelling house, comprising the construction of a new single-storey extension with a new kitchen, family and dining area to the rear (south) elevation including the provision of new & modified window openings to the existing west & east side elevations and new rooflights to west & east facing roof, together with a new entrance porch canopy to the side entrance (east) side elevation all connecting into existing services and including all associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
20291	alterations and additions to an existing two-storey semi-detached dwelling comprising the demolition of the existing single-storey extension to the rear south elevation & the construction of a new single-storey kitchen extension in lieu, together with the construction of a new single-storey bedroom & bathroom extension to the west - side gable end all connecting into existing services and including all associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
2052	alterations to an existing single storey detached dwelling. The proposed works will comprise the construction of a new single storey utility and living room extension to the west side elevation at ground floor level together with the part conversion of the existing attic space to form a new master bedroom with walk in wardrobe and ensuite facility including a new dormer window and velux rooflight to the front south elevation and a new dormer window to the rear north elevation together with the provision of velux rooflights to both side east and west elevations at attic floor all connecting into existing services	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
20550	constructing a side extension of 14.56 sq meters to the existing dormer bungalow, with alterations to the existing dormer bungalow and associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
20577	1 no. free standing totem sign and 2 no. low level wall mounted signs	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
20649	single storey domestic extension to the side and bay window with porch roof	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
20679	building two bedrooms over my existing kitchen at the back of my house	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
20752	alterations & additions to an existing two-storey detached dwelling comprising the demolition of the existing single-storey conservatory to the rear and the construction of a new single-storey (12m2 floor area) home office extension including modifications to an existing window opening and a new window opening all to the south side elevation at ground floor level together with the construction of a new single-storey (68m2 floor area) kitchen, dining, family room with WC & wet room to the west rear elevation and a new window opening to the north side elevation all at ground floor level and connecting into existing services and including all associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.

Planning Ref.	Description of development	Comments
211498	(1) Permission for a single-storey extension (circa 44 sq.m.) to south side of dwelling consisting of extension to existing living room. (2) Retention permission for existing window at 1st floor level in the rear gable facing east. (3) All associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
211521	the provision of two number Velux rooflights to the east side facing roof elevation to the existing single-storey detached dwelling, including the associated internal lightwell directing into the entrance hall at ground floor level only	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
21243	renovate & extend our dwelling by the removal of existing garage, construction of study, bathroom, bedroom & sun room and to include associated site works to existing services to the rear and side of our home	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
21391	renovate & construct a single storey extension to the rear of our home, permission is also sought to construct a double garage to the rear of our garden, all to include associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
21415	a new entrance porch and first floor dormer window to the front of the house	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
21461	construct side extension of 18.9sqm to existing dormer bungalow of 122sqm and alterations to existing dormer bungalow associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
216	alterations to existing entrance to allow for disabled access for wheelchair. Gross floor space: 4.2m2 extension	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
221014	dwelling house and associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
22315	for the construction of a first-floor dormer extension to the existing house and all ancillary site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
22357	constructing extension 36.1sqm metres to the rear and the side of existing detached house of 123.8sqm metres and to construct shed of 8.75sqm metres to the rear of new extension and alterations to existing detached house and associated site works	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
22388	erection of a single storey dwelling, create a new site entrance, connect into existing mains public services, together with all associated site work, on the land in existing garden area beside existing bungalow	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
22410	change of use from retail to retail with ancillary off licence use	No potential for in-combination effects given that the proposed development will have no effects on any European sites.
24325 (New Application)	a 7-year permission for a Large-Scale Residential Development. The proposed development will consist of the following: Construction of 476 no. residential units, Communal open space associated with the proposed apartment/duplex units will be provided in the form of landscaped areas located in the vicinity of the apartment units. Public open space in the form of	No potential for in-combination effects given that the proposed development will have no effects on any European sites.

Planning Ref.	Description of development	Comments
	<p>13 no. local parks. All internal residential access roads and cyclist/ pedestrian paths serving the proposed development. Provision of 930 no. car parking spaces across the development site and 400 no. bicycle parking spaces for residents of the proposed apartments/duplex units. 37 no. visitor bicycle parking spaces are provided throughout the development site. Provision of a new public park facilitating active and passive open spaces to the south of the site, including linear parks, walkways and play areas for structured and natural play, and an area for a playing pitch.</p> <p>Construction of a three-storey mixed use building which will consist of 2 no. Retail units at ground floor level, a community centre and office space at first floor level and the previously mentioned 2 no. two bed-bedroom apartment and 2 no. three bedroom at second floor level. 48 no. car parking spaces & 20 bicycle parking spaces are also proposed for this building. Construction of a two storey Childcare Facility. Temporary upgrade works to the existing Railway bridge to facilitate vehicular access to the proposed development.</p> <p>Construction of part of the Port Access Road, with a temporary junction at its Junction/connection with the proposed northern arterial route/link road including pedestrian and cycle paths, and traffic calming measures. The provision of vehicular access, internal roads, pedestrian and cycle paths to the Community and Education lands. All associated site development works, services provision, infrastructural and drainage works, surface water attenuation & natural attenuation systems, connection to public services and utilities, provision of ESB substations, bin stores, bicycle stores, car parking, public lighting, landscaping, open spaces, and boundary treatment works</p>	
246497	<p>Outline planning permission to demolish existing open shed and to erect a terrace of four number two storey dwellings with entrance off 'Cré Na Mara' housing estate which will require minor alterations to road layout, including electrified entrance gate, boundary walls and ancillary works at Knockenrahan Upper, Arklow, County Wicklow.</p>	<p>No potential for in-combination effects given that the proposed development will have no effects on any European sites.</p>
24285 (New Application)	<p>Construction of 3No. detached houses with new access entrance and connection to existing services</p>	<p>No potential for in-combination effects given that the proposed development will have no effects on any European sites.</p>
311011	<p>Demolition of existing commercial unit and construction of 32 housing units.</p>	<p>No potential for in-combination effects given that the proposed development will have no effects on any European sites.</p>
313951	<p>House, new site entrance and all associated site works</p>	<p>No potential for in-combination effects given that the proposed development will have no effects on any European sites.</p>

The Wicklow County Development Plan in complying with the requirements of the Habitats Directive requires that all Projects and Plans that could affect the Natura 2000 sites in the same potential Zone of Influence of the Proposed Development site would be initially screened for Appropriate Assessment and if requiring Stage 2 AA, that appropriate employable mitigation measures would be put in place to avoid, reduce or ameliorate negative

impacts. In this way any, in-combination impacts with Plans or Projects for the proposed development area and surrounding townlands in which the proposed development site is located, would be avoided.

The listed developments have been granted permission in most cases with conditions relating to sustainable development by the consenting authority in compliance with the relevant Local Authority Development Plan and in compliance with the Local Authority requirement with regard to the Habitats Directive. The development cannot have received planning permission without having met the consenting authority requirement in this regard.

There are no predicted in-combination effects given that it is predicted that the Proposed Development will have no effect on any European site.

Any new applications for the Proposed Development area will be assessed on a case by case basis *initially* by Wicklow County Council which will determine the requirement for AA Screening as per the requirements of Article 6(3) of the Habitats Directive.

6. Conclusion

There is no connectivity to any European sites within or outside the potential Zone of Influence.

There are no predicted effects on any European sites given:

- The distance between the Proposed Development and any European Sites, approximately 5.5km;
- The lack of direct connectivity between the Proposed Development and any hydrological pathways; there are no watercourses within the Proposed Development boundary and there is no connectivity between the Proposed Development site and any watercourses that lead to any European sites;
- The Proposed Development is to be connected to the existing public sewer network for the treatment of wastewater.
- There are no predicted emissions to air, water or the environment during the construction or operational phases that would result in significant effects.

It has been objectively concluded by Moore Group Environmental Services that:

1. The Proposed Development is not directly connected with, or necessary to the conservation management of the European sites considered in this assessment.
2. The Proposed Development is not likely to either directly or indirectly significantly affect the Qualifying interests or Conservation Objectives of the European sites considered in this assessment.

3. The Proposed Development, either alone or in combination with other plans or projects, is not likely to have significant effects on a European site.
4. It is possible to conclude that significant effects can be excluded at the screening stage.

It can be *excluded*, on the basis of objective information, that the Proposed Development, individually or in combination with other plans or projects, will have a significant effect on a European site.

An appropriate assessment is not, therefore, required.

A final determination will be made by the competent authority in this regard.

7. References

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