



# Appropriate Assessment Screening Report

Kildare County Council,  
Devoy Park, Naas, Co. Kildare.

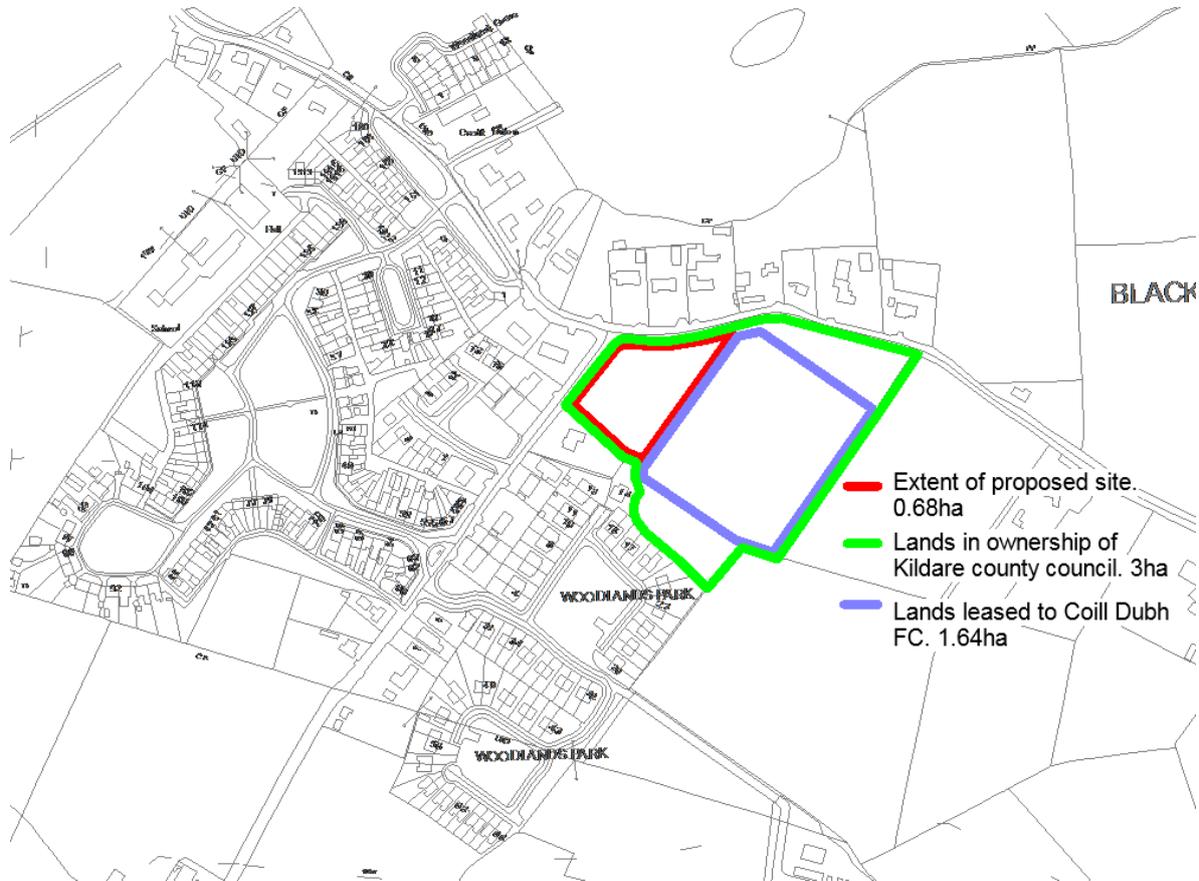
Project Name:	Capital Housing Coill Dubh,
Project Number:	17-027
Site Location:	Coill Dubh, Co Kildare.
Project description:	10no Houses comprising 4 x one bedroom single storey houses, 3 x two bedroom 2 storey houses, and 3 x three bedroom 2 storey houses.

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## 1. Description of project

The site is located at the eastern edge of the rural settlement of Coill Dubh on the local road L1019. The site area marked in with the red line is 0.65ha (approx). The total land owned by Kildare county council is circa 3ha. With 1.64ha leased to Coill Dubh FC for use as a soccer pitch.



The proposed development will consist of 10no Houses comprising.

- 4 x one bedroom single storey houses;
- 3 x two bedroom 2 storey houses; and
- 3 x three bedroom 2 storey houses..

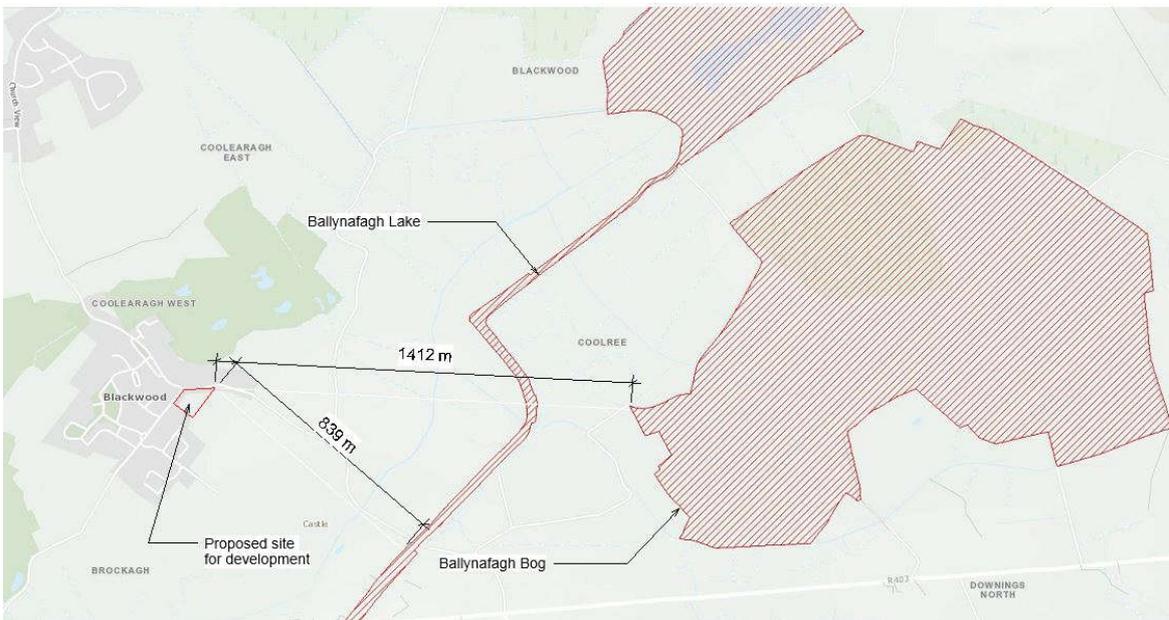
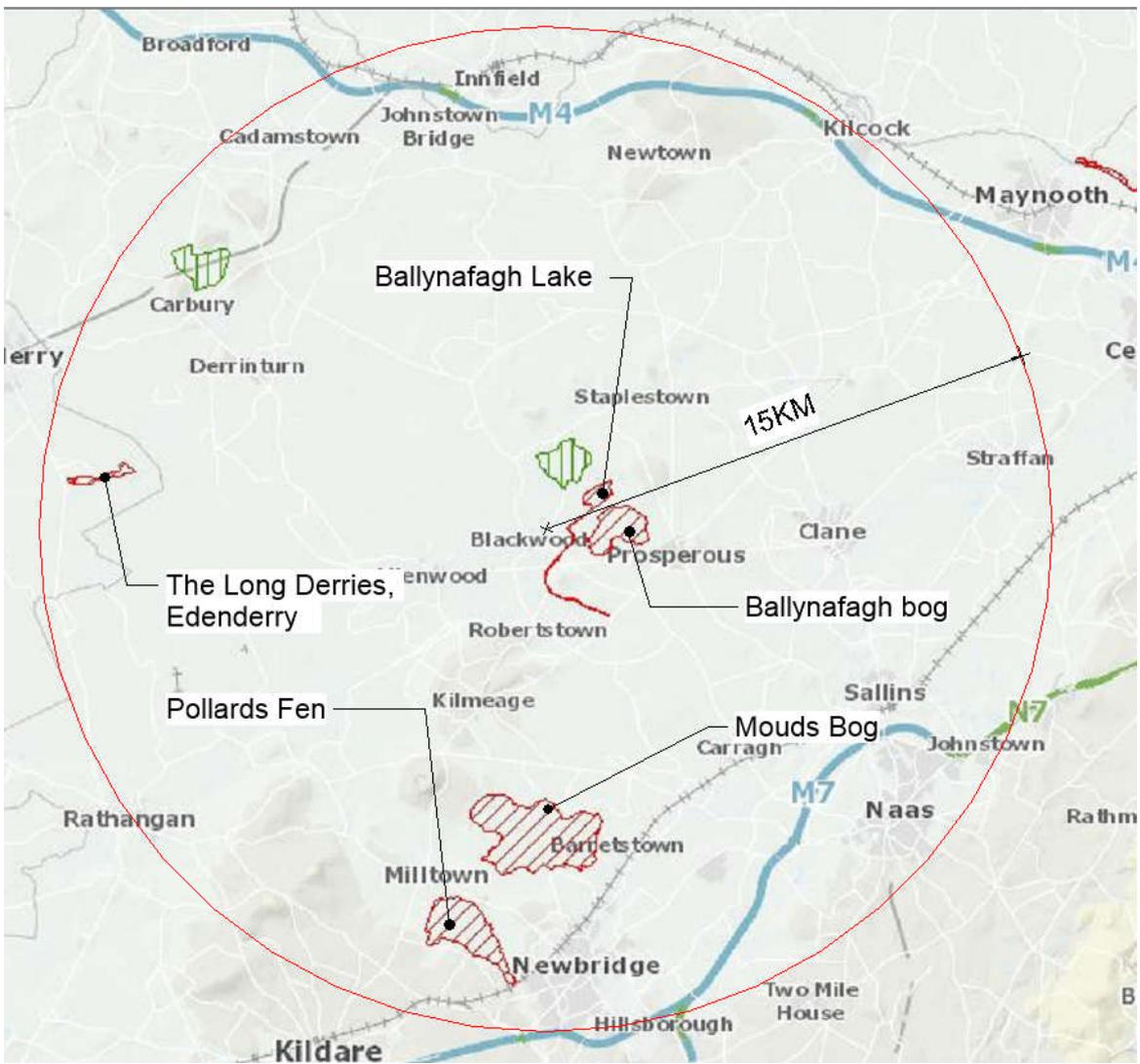
The development doesn't include significant excavation. The dwellings will be built in accordance with best practice with an appropriate waste management plan.

The works will involve connecting the proposed foul drainage to the existing drainage system in Coill Dubh. All surface water will be retained on site and will drain in soakaways on site. All surface water on hard surfaces will pass through a suitable Petrol/oil interceptor before discharging to the surface water system. All waste runoff and materials will be contained and dealt with on site. All waste removed from site will be sent to the appropriate waste facility.

## 2. SAC & SPA Sites in vicinity of Development

### 2.1. Site location within 15KM of site

- Ballynafagh Lake 001387 839 Meters from development site
- Ballynafagh Bog 00039 1421 Meters from development site
- Mouds Bog 002331 7.4KM from development site
- Pollard fen 000396 10.7KM from development site
- The Long Derries, Edenderry 000925 11.7KM from development site



- Ballynafagh Lake 001387 389 Meters from development site

# Ballynafagh Lake SAC

## Site Details

Site code	001387
Designation	Special Area of Conservation (SAC)
County	Kildare
Coordinates	Latitude: 53.3036 Longitude: -6.78778



## Features of Interest

- Alkaline fens [7230]
- Vertigo moulinsiana (Desmoulin's Whorl Snail) [1016]
- Euphydryas aurinia (Marsh Fritillary) [1065]

- Ballynafagh Bog 00039 1421 Meters from development site

# Ballynafagh Bog SAC

## Site Details

Site code	000391
Designation	Special Area of Conservation (SAC)
County	Kildare
Coordinates	Latitude: 53.2944 Longitude: -6.77944



## Features of Interest

- Active raised bogs [7110]
- Degraded raised bogs still capable of natural regeneration [7120]
- Depressions on peat substrates of the Rhynchosporion [7150]

## Mouds Bog SAC

### Site Details

Site code	002331
Designation	Special Area of Conservation (SAC)
County	Kildare
Coordinates	Latitude: 53.2147 Longitude: -6.81694



### Features of Interest

- Active raised bogs [7110]
- Degraded raised bogs still capable of natural regeneration [7120]
- Depressions on peat substrates of the Rhynchosporion [7150]

## Pollardstown Fen SAC

### Site Details

Site code	000396
Designation	Special Area of Conservation (SAC)
County	Kildare
Coordinates	Latitude: 53.1872 Longitude: -6.84639



### Features of Interest

- Calcareous fens with *Cladium mariscus* and species of the Caricion *davallianae* [7210]
- Petrifying springs with tufa formation (Cratoneurion) [7220]
- Alkaline fens [7230]
- Vertigo geyeri* (Geyer's Whorl Snail) [1013]
- Vertigo angustior* (Narrow-mouthed Whorl Snail) [1014]
- Vertigo moulinsiana* (Desmoulin's Whorl Snail) [1016]

# The Long Derries, Edenderry SAC

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## Site Details

Site code	000925
Designation	Special Area of Conservation (SAC)
County	Offaly
Coordinates	Latitude: 53.3111 Longitude: -6.99694



## Features of Interest

Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (\* important orchid sites) [6210]

### 3. Site Details

<u>Site name &amp; code</u>	<u>Qualifying interest s</u>	<u>Current conservation status.</u>	<u>Conservation management objectives</u>	<u>Conditions underpinning site integrity.</u>	<u>Threats to site integrity.</u>
Ballynafagh Bog 000391	<p><u>Annex II species form which the site is designated</u></p> <ul style="list-style-type: none"> <li>• Active raised bog</li> <li>• Degrade raised bogs still capable of natural regeneration</li> <li>• Depressions in peat substrates of the <i>Rhynchosporion</i></li> </ul>	<ul style="list-style-type: none"> <li>• <u>Active raised bog BAD</u></li> <li>• <u>Degrade raised bogs still capable of natural regeneration POOR</u></li> <li>• <u>Depressions in peat substrates of the <i>Rhynchosporio</i> GOOD</u></li> </ul>	<p>To maintain or restore the favourable conservation conditions of the annex 1 habitat(s) and /or the annex 11 species for which the sac has been selected.</p> <ul style="list-style-type: none"> <li>• Active raised bog</li> <li>• Degrade raised bogs still capable of natural regeneration</li> <li>• Depressions in peat substrates of the <i>Rhynchosporion</i></li> </ul>	<ul style="list-style-type: none"> <li>• Hydrogeology</li> <li>• Hydrology</li> </ul>	<ul style="list-style-type: none"> <li>• Plantation forestry</li> <li>• Fire</li> <li>• Disturbance</li> <li>• Peat extraction</li> <li>• Alteration of Hydrogeology</li> <li>• Alteration of hydrology</li> <li>• Grazing regime</li> <li>• Establishment of trees on peatland surface</li> <li>• Desiccation of Peatland.</li> </ul>
Ballynafagh Lake 001387	<p><u>Annex II species form which the site is designated</u></p> <ul style="list-style-type: none"> <li>• Vertigo Moulinsiana</li> <li>• Eurohydrayas Aurinia</li> <li>• Alkaline Fens.</li> </ul>	<ul style="list-style-type: none"> <li>• Vertigo Moulinsiana BAD</li> <li>• Eurohydrayas Aurinia POOR</li> <li>• Alkaline Fens. BAD</li> </ul>	<p>To maintain or restore the favourable conservation conditions of the annex 1 habitat(s) and /or the annex 11 species for which the sac has been selected.</p> <ul style="list-style-type: none"> <li>• Vertigo Moulinsiana</li> <li>• Eurohydrayas Aurinia</li> <li>• Alkaline Fens.</li> </ul>	<ul style="list-style-type: none"> <li>• Hydrogeology</li> <li>• Hydrology</li> <li>• Appropriate agricultural practices including grazing pressures.</li> <li>• Surface and ground water quality</li> <li>• Water levels</li> <li>• Air quality</li> <li>• Devils-bit scabious.</li> </ul>	<ul style="list-style-type: none"> <li>• Plantation forestry</li> <li>• Alteration of hydrology</li> <li>• Alteration of hydrogeology</li> <li>• Water pollution</li> <li>• Infilling</li> <li>• Nutrient enrichment from inflowing rivers and sewage plants</li> <li>• Development</li> <li>• Loss of food plant</li> <li>• Loss of open water habitat</li> </ul>
Mouds Bog 002331	<p><u>Annex II species form which the site is designated</u></p> <ul style="list-style-type: none"> <li>• Active raised bog</li> <li>• Degrade raised bogs still capable of natural regeneration</li> <li>• Depressions in peat substrates of the <i>Rhynchosporion</i></li> </ul>	<ul style="list-style-type: none"> <li>• Active raised bog BAD</li> <li>• Degrade raised bogs still capable of natural regeneration POOR</li> <li>• Depressions in peat substrates of the <i>Rhynchosporio</i> GOOD</li> </ul>	<p>To maintain or restore the favourable conservation conditions of the annex 1 habitat(s) and /or the annex 11 species for which the sac has been selected.</p> <ul style="list-style-type: none"> <li>• Active raised bog</li> <li>• Degrade raised bogs still capable of natural regeneration</li> <li>• Depressions in peat substrates of the <i>Rhynchosporion</i> depressions</li> </ul>	<ul style="list-style-type: none"> <li>• Hydrogeology</li> <li>• Hydrology</li> </ul>	<ul style="list-style-type: none"> <li>• Plantation forestry</li> <li>• Fire</li> <li>• Disturbance</li> <li>• Peat extraction</li> <li>• Alteration of Hydrogeology</li> <li>• Alteration of hydrology</li> <li>• Grazing regime</li> <li>• Establishment of trees on peatland surface</li> <li>• Desiccation of Peatland.</li> </ul>
Pollard Fen 000396	<p><u>Annex II species form which the site is designated</u></p> <ul style="list-style-type: none"> <li>• Calcareous fens with <i>caladium mariscus</i> and species of <i>Caricion davallianae</i></li> <li>• Petrifying springs with tufa formation (<i>Cratoneurion</i>)</li> </ul>	<ul style="list-style-type: none"> <li>• <u>Cladium Fens-BAD</u></li> <li>• <u>Petrifying springs-Bad</u></li> <li>• <u>Alkaline fens-Bad</u></li> <li>• <u>Vertigo geyeri-POOR</u></li> <li>• <u>Vertigo angustior-POOR</u></li> <li>• <u>Vertigo Moulinsiana-BAD</u></li> </ul>	<p>To maintain or restore the favourable conservation conditions of the annex 1 habitat(s) and /or the annex 11 species for which the sac has been selected.</p> <ul style="list-style-type: none"> <li>• Cladium Fens</li> <li>• Petrifying springs</li> <li>• Alkaline fens</li> <li>• Vertigo geyeri</li> <li>• Vertigo angustior</li> <li>• Vertigo Moulinsiana</li> </ul>	<ul style="list-style-type: none"> <li>• Hydrogeology</li> <li>• Hydrology</li> <li>• Surface and ground water quality</li> <li>• Appropriate levels of disturbance</li> <li>• Water levels</li> <li>• Air quality</li> </ul>	<ul style="list-style-type: none"> <li>• Alteration of water leves</li> <li>• Alterations of hydrology</li> <li>• Alterations of hydrogeology</li> <li>• Infilling nutrient enrichment</li> <li>• Development.</li> </ul>

<p><u>The long Derries, Edenderry 000925</u></p>	<p><u>Annex II species form which the site is designated</u></p> <ul style="list-style-type: none"> <li>• <u>Orchid-rich Calcareous Grassland*</u></li> </ul>	<ul style="list-style-type: none"> <li>• <u>Orchid-rich Calcareous Grassland* good</u></li> </ul>	<p>To maintain or restore the favourable conservation conditions of the annex 1 habitat(s) and /or the annex 11 species for which the sac has been selected.</p> <ul style="list-style-type: none"> <li>• Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia) (* important orchid sites)*</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate Grazing is essential for the preservation of the rare orchid</li> </ul>	<ul style="list-style-type: none"> <li>• over-grazing</li> <li>• Shooting and motorbike scrambling</li> <li>• gravel extraction</li> <li>• Dumping</li> <li>• <u>Development.</u></li> </ul>
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## 4. Likely significant effects.

### 4.1. Ballynafagh Bog 000391

#### Threats to site integrity.:

- Plantation forestry No effect
- Fire No effect
- Disturbance No effect
  - The proposed development is not located in the SAC and will have no disturbance effect. The SAC is 1.4KM away from the site.
- Peat extraction No effect
- Alteration of Hydrogeology No effect
  - All works will be limited to the top 1.2M of topography on the site during construction.
  - There are no water courses or springs on the site.
  - All surface water will attenuated on site before it is distributed to soakaways on site
  - The SAC is 1.4KM away from the site.
  
- Alteration of hydrology No effect
  - All surface water will attenuated on site before it is distributed to soakaways on site
  - The SAC is 1.4KM away from the site.
  
- Grazing regime No effect
- Establishment of trees on peatland surface No effect
- Desiccation of Peat land. No effect
  - All surface water will attenuated on site before it is distributed to soakaways on site.

### 4.2. Ballynafagh Lake 001387

#### Threats to site integrity.:

- Plantation forestry No effect
- Alteration of hydrology
  - All surface water will attenuated on site before it is distributed to soakaways on site
  - The SAC is 1.4KM away from the site.
  
- Alteration of hydrogeology
  - All works will be limited to the top 1.2M of topography on the site during construction.
  - There are no water courses or springs on the site.
  - All surface water will attenuated on site before it is distributed to soakaways on site
  - The SAC is 0.8KM away from the site.
  
- Water pollution No effect
  - Incorporated mitigation measures will insure all materials and runoff are retained on site.
- Infilling No effect
- Nutrient enrichment from inflowing rivers and sewage plants
  - Incorporated mitigation measures will insure all material and runoff are retained on
- Development
  - The SAC is 0.8km away from the site.
- Loss of food plant No effect
- Loss of open water habitat No effect

### 4.3. Mouds Bog 002331

#### Threats to site integrity.:

- Plantation forestry No effect

- Fire No effect
- Disturbance No effect
- Peat extraction No effect
- Alteration of Hydrogeology No effect
- Alteration of hydrology No effect
- Grazing regime No effect
- Establishment of trees on peatland surface No effect
- Desiccation of Peatland. No effect

**Mouds Bog** is located 7.4KM away from the site and there will be no Likely significant effects

#### 4.4. Pollard Fen 000396

Threats to site integrity.:

- Alteration of water leves No effect
- Alterations of hydrology No effect
- Alterations of hydrogeology No effect
- Infilling nutrient enrichment No effect
- Development. No effect

Pollard Fen is located 10.7KM away from the site and there will be no Likely significant effects

#### 4.5. The Long Derries, Edenderry 000925

Threats to site integrity.:

- over-grazing No effect
- Shooting and motorbike scrambling No effect
- gravel extraction No effect
- Dumping No effect
- Development. No effect

**The Long Derries, Edenderry** is located 11.7KM away from the site and there will be no Likely significant effects

## 5. AA Screening Determination Of Development site at Coill Dubh , Co Kildare

20/07/2018

In accordance with Article 6(3) of the EU Directive (Directive 92/43/EEC) and Regulation 42(1) of the European Communities (birds and Natural Habitats) Regulation 2011 as amended, Kildare County Council Has Undertaken Appropriate assessment screening to assess, in view of the best scientific Knowledge and conservation objectives of the site , if the project, individually or in combination with other plans or projects is likely to have a significant effect on a European site(s). In this context, particular attention was paid to the European sites listed below:

<i>Ballynafagh Lake</i>	<i>001387</i>
<i>Ballynafagh Bog</i>	<i>000391</i>
<i>Mouds Bog</i>	<i>002331</i>
<i>Pollard Fen</i>	<i>000396</i>
<i>The Long Derries, Edenderry</i>	<i>000925</i>

In accordance with Regulation 47(7) of the European communities (Birds and Natural Habitats) Regulations 2011 as amended, Kildare County Council has made a determination following screening that an Appropriate assessment is not required as the project is not directly connected with or necessary to the management of the sites as European sites and as it can be concluded, on the basis of objective information, that the project, individually or in combination with other plans or projects is not likely to have a significant effect on the European sites(s) listed above.

This determination is based on the scale of the work involving a small housing development, the location of the works outside the qualifying habitat of the SACs and the contractual obligations that best practice construction and bio security measures that will be detailed in the contract will be fully implemented.



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