



Date: 15 October 2025

Our ref: 08103

Hannah Darley  
Horsham District Council  
Parkside  
Horsham  
West Sussex  
RH12 1RL

By email only: Planning Department, [planning@horsham.gov.uk](mailto:planning@horsham.gov.uk)

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*Thank you for requesting advice on this application from Place Services' ecological advice service. This service provides advice to planning officers to inform Horsham District Council planning decisions with regard to potential ecological impacts from development. Any additional information, queries or comments on this advice that the applicant or other interested parties may have, must be directed to the Planning Officer who will seek further advice from us where appropriate and necessary.*

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**Application:**

DC/25/1077

**Location:**

The Fords Bonfire Hill Southwater West Sussex RH13 9BU

**Proposal:**

Erection of 2 x no detached dwellings and garages utilising existing access and landscaping

Thank you for consulting Place Services on the above application.

<b>No ecological objection</b>	<input type="checkbox"/>
<b>No ecological objection subject to attached conditions</b>	<input checked="" type="checkbox"/>
<b>Further information required/Temporary holding objection</b>	<input type="checkbox"/>
<b>Recommend Refusal</b>	<input type="checkbox"/>
<b>Subject to Natural England's formal comments on the conclusion of the Bat Appropriate Assessment (screening)</b>	<b>No</b>
<b>Subject to Natural England's formal comments on the conclusion of the Water Neutrality Appropriate Assessment</b>	<input checked="" type="checkbox"/>

**Please note that following receipt of Natural England's position statement on developments in the Sussex North Water Supply Zone, decisions on planning applications should await the completion of a Sussex North water neutrality strategy.**

### **Summary**

We have reviewed the Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025), relating to the likely impacts of development on designated sites, protected and Priority species and habitats and the identification of proportionate mitigation. Please note that comments on Biodiversity Net Gain are provided by Horsham District Council in-house.

We note from the Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025) that there are no buildings onsite and no trees onsite with suitability for roosting bats. Therefore, we agree that no further surveys for bats are required.

The site lies approximately 10.9km east of The Mens Special Area of Conservation (SAC) and therefore lies within the 12km Wider Conservation Area for this SAC, for which significant impacts or severance to flightlines must be considered (Sussex Bat Special Area of Conservation Planning and Landscape Scale Enhancement Protocol). The qualifying feature for The Mens SAC is Barbastelle bat, but there is one record for this species within 2km of the site (Sussex Biodiversity Record Centre (SxBRC) – accessed under licence). There are approximately 144 other records for bats within 2km of the site, including Common and Soprano Pipistrelle, Daubenton's and Whiskered (SxBRC). Two European Protected Species Mitigation Licences (EPSML) have been granted within 2km of the site as follows: a) for Brown Long-eared bat and Common Pipistrelle bat approximately 1.7km to the north in 2017; and b) for Brown Long-eared bat and Common Pipistrelle bat approximately 1.8km to the north in 2015 ([MAGIC maps](#)).

The site lies 16.3km east of Ebernoe Common SAC and is therefore outside the 12km Wider Conservation Area for this SAC (Sussex Bat Special Area of Conservation Planning and Landscape Scale Enhancement Protocol). The site lies approximately 12.0km northeast of Arun Valley SAC, SPA and Ramsar site.

We understand from the submitted documents that the 0.4ha site comprises modified grassland and three scattered trees surrounded by native hedgerow. An area of lowland deciduous woodland and a native hedgerow lie adjacent to the site to the south, within the blue-line boundary. All trees and hedgerows will be retained onsite. The landscape plans include the planting of a native hedgerow on the eastern boundary of the development (Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025)).

Therefore, there will be no severance to the flight lines of foraging or commuting bats from the SAC and habitat connectivity within the site will be maintained.

We therefore believe that, with mitigation, there will be no Adverse Effect on Integrity of the SAC. We advise the LPA to prepare a project level HRA Screening Report to record its decision and retain on file.

We support the Precautionary Method Statement for mobile protected species (including Hedgehog, which is a Priority and threatened species) in Sections 6.5.2 and 6.5.6 of the

Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025). This should be secured by a condition of any consent and implemented in full.

We are satisfied that there is sufficient ecological information available to support determination of this application. Please note that we have no comments on Great Crested Newt as we have been instructed to leave comments on this European Protected Species to the [NatureSpace Partnership](#).

This provides certainty for the LPA of the likely impacts on designated sites, protected and Priority species & habitats and, with appropriate mitigation measures secured, the development can be made acceptable.

The mitigation measures identified in the Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025) should be secured by a condition of any consent and implemented in full. This is necessary to conserve and enhance protected and Priority species particularly those recorded in the locality, which includes mobile protected species.

If external lighting is required, we support the recommendation that a Wildlife Friendly Lighting Strategy is implemented for this application (Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025) to avoid impacts from light disturbance. This should be secured by a condition of any consent and implemented in full. Therefore, technical specification should be submitted prior to occupation, which demonstrates measures to avoid lighting impacts to foraging / commuting bats, which are likely to be present within the local area. This should summarise the following measures recommended by [Guidance Note:08/23 \(Institute of Lighting Professionals\)](#) will be implemented:

- Do not provide excessive lighting. Light levels should be as low as possible as required to fulfil the lighting need.
- All luminaires should lack UV elements when manufactured. Metal halide, compact fluorescent sources should not be used.
- Warm White lights should be used at <2700k. This is necessary as lighting which emits an ultraviolet component or that has a blue spectral content has a high attraction effect on insects. This may lead in a reduction in prey availability for some light sensitive bat species.
- Where appropriate, external security lighting should be set on motion-sensors and set to as short a possible a timer as the risk assessment will allow.
- Luminaires should always be mounted horizontally, with no light output above 90° and/or no upward tilt.
- Only if all other options have been explored, accessories such as baffles, hoods or louvres can be used to reduce light spill and direct it only to where it is needed. However, due to the lensing and fine cut-off control of the beam inherent in modern LED luminaires, the effect of cowls and baffles is often far less than anticipated and so should not be relied upon solely.

We also support the proposed reasonable biodiversity enhancements for protected, Priority and threatened species, which have been recommended to secure net gains for biodiversity, as outlined under Paragraph 187d and 193d of the National Planning Policy Framework (December 2024). The reasonable biodiversity enhancement measures should be outlined

within a separate Biodiversity Enhancement Layout and should be secured by a condition of any consent.

This will enable LPA to demonstrate its compliance with its statutory duties including its biodiversity duty under s40 NERC Act 2006 (as amended) and delivery of mandatory Biodiversity Net Gain.

Impacts will be minimised such that the proposal is acceptable subject to the conditions below based on BS42020:2013. We recommend that submission for approval and implementation of the details below should be a condition of any planning consent:

### **Recommended conditions**

#### **1. ACTION REQUIRED IN ACCORDANCE WITH ECOLOGICAL APPRAISAL RECOMMENDATIONS**

*“All mitigation measures and/or works shall be carried out in accordance with the details contained in the Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025), as already submitted with the planning application and agreed in principle with the local planning authority prior to determination. This includes the Precautionary Method Statement for mobile protected species in Sections 6.5.2 and 6.5.6 of the Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025), which avoids impacts on protected species.*

*This may include the appointment of an appropriately competent person e.g. an ecological clerk of works (ECoW) to provide on-site ecological expertise during construction. The appointed person shall undertake all activities, and works shall be carried out, in accordance with the approved details.”*

**Reason:** To conserve protected and Priority species and allow the LPA to discharge its duties under the Conservation of Habitats and Species Regulations 2017 (as amended), the Wildlife & Countryside Act 1981 (as amended) and s40 of the NERC Act 2006 (as amended).

#### **2. PRIOR TO ANY WORKS ABOVE SLAB LEVEL: BIODIVERSITY ENHANCEMENT LAYOUT**

*“A Biodiversity Enhancement Layout for biodiversity enhancements listed in the Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025) shall be submitted to and approved in writing by the local planning authority.*

*The content of the Biodiversity Enhancement Layout shall include the following:*

- a) detailed designs or product descriptions for biodiversity enhancements; and*
- b) locations, orientations and heights for biodiversity enhancements on appropriate drawings.*

*The enhancement measures shall be implemented in accordance with the approved details prior to occupation and all features shall be retained in that manner thereafter.”*

**Reason:** To enhance protected and Priority species & habitats and allow the LPA to discharge its duties under paragraph 187d of the NPPF 2024 and s40 of the NERC Act 2006 (as amended) and Policy 31 of the Horsham Development Framework.

If external lighting is required:

### 3. PRIOR TO OCCUPATION: WILDLIFE SENSITIVE LIGHTING DESIGN SCHEME

*“Prior to occupation, a “lighting design strategy for biodiversity” in accordance with Guidance Note 08/23 (Institute of Lighting Professionals) shall be submitted to and approved in writing by the local planning authority. The strategy shall:*

- a) identify those areas/features on site that are particularly sensitive for bats and that are likely to cause disturbance in or around their breeding sites and resting places or along important routes used to access key areas of their territory, for example, for foraging; and*
- b) show how and where external lighting will be installed (through provision of appropriate lighting plans and technical specifications) so that it can be clearly demonstrated that areas to be lit will not disturb or prevent the above species using their territory or having access to their breeding sites and resting places.*

*All external lighting shall be installed in accordance with the specifications and locations set out in the scheme and maintained thereafter in accordance with the scheme. Under no circumstances should any other external lighting be installed without prior consent from the local planning authority.”*

**Reason:** To allow the LPA to discharge its duties under the Conservation of Habitats and Species Regulations 2017 (as amended), the Wildlife & Countryside Act 1981 (as amended) and s40 of the NERC Act 2006 (as amended).

Please do not hesitate to contact us if you have any queries in relation to this advice.

**Hayley Dean MCIEEM MSc BSc (Hons)**  
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Place Services provide ecological advice on behalf of Horsham District Council.

*Please note: This letter is advisory and should only be considered as the opinion formed by specialist staff in relation to this particular matter.*

**Horsham District Council**  
**Habitats Regulations Assessment Screening Record**

**Plan/project: DC/25/1077 | Erection of 2 x no detached dwellings and garages utilising existing access and landscaping. | The Fords Bonfire Hill Southwater West Sussex RH13 9BU**

The purpose of this HRA screening record is to assess the need for appropriate assessment in relation to the plan/project detailed above.

The Conservation of Habitats and Species Regulations 2017 (as amended) requires that a Habitats Regulations Assessment screening is carried out in relation to any plan or project which is likely to have a significant effect on Habitats (European) sites, either alone or in combination with other plans or projects. European sites are Special Protection Areas and Special Areas of Conservation. Ramsar sites should also be given the same level of protection, as stated within the National Planning Policy Framework.

In line with the Court judgement (*CJEU People Over Wind v Coillte Teoranta C-323/17*), mitigation measures cannot be taken into account when carrying out a screening assessment to decide whether a development is likely to result in significant effects on a Habitats site.

Where an Appropriate Assessment is carried out a project may only be authorised after having ascertained that it will not adversely affect the integrity of the site(s) concerned.

**Table 1: Screening matrix**

<b>Stage 1 HRA screening</b>	
<b>Brief description of the Plan/Project</b>	<b>Application:</b> DC/25/1077 <b>Planning Application:</b> Erection of 2 x no detached dwellings and garages utilising existing access and landscaping <b>Location:</b> The Fords Bonfire Hill Southwater West Sussex RH13 9BU
<b>Brief description of the Habitats sites within scope of this assessment</b>	<p>The Mens SAC (Sussex bat SAC), The Ebernoe Common SAC lie within West Sussex and the Impact Risk Zones identified by Natural England includes Horsham District.</p> <p>The Mens Special Area of Conservation (SAC) is located approximately 10.9km west of the site and lists Barbastelle bats as a qualifying feature. A long and varied history of management has seen The Mens move from an open, wood pasture system with huge, spreading parkland trees and pollards to a high forest with closely spaced trees with narrow crowns. A lack of management in recent years has added to this silvicultural diversity.</p> <p>Ebernoe Common SAC is located approximately 16.3km to the west of the site and lists Barbastelle and Bechstein's bats as qualifying features. Ebernoe Common is dominated by old wood pasture where Commoners would have turned out their cattle or pigs to graze and browse on young trees and scrub, beech mast and acorns, or on the grassy meadows in glades and clearings. Grazing stopped by the middle of the 20th century and the wood pasture became more and more overgrown. Great effort has been put into opening up glades and rides and restoring grazing to this SAC.</p> <p>Arun Valley SAC, SPA and Ramsar is approximately 12.0km to the southwest, and lists rare and diverse plant, invertebrate and bird assemblages as qualifying features. It consists of low-lying grazing marsh, largely on alluvial soils, but with an area of peat derived from a relict raised bog. Variation in soils and water supply lead to a wide range of ecological conditions and hence a rich flora and fauna.</p>

## Qualifying Features for SPA/SAC

### The Mens SAC

#### Annex I habitats that are a primary reason for selection of the site:

9120 *Atlantic acidophilous beech forests with Ilex and sometimes also Taxus in the shrub layer (Quercion roburi-petraeae or Ilici-Fagenion)*

The Mens is an extensive area of mature Beech *Fagus sylvatica* woodland rich in lichens, bryophytes, fungi and saproxylic invertebrates, and is one of the largest tracts of Atlantic acidophilous beech forests in the south-eastern part of the habitat's UK range. It is developing a near-natural high forest structure, in response to only limited silvicultural intervention over the 20th century, combined with the effects of natural events such as the 1987 great storm.

#### Annex II species present as a qualifying feature, but not a primary reason for site selection:

1308 Barbastelle *Barbastella barbastellus*

### Ebernoe Common SAC

#### Annex I habitats that are a primary reason for selection of this site

9120 *Atlantic acidophilous Beech forests with Ilex and sometimes also Taxus in the shrub layer (Quercion roburi-petraeae or Ilici-Fagenion).*

Ebernoe Common has an extensive block of Beech high forest and former wood-pasture over dense Holly *Ilex aquifolium*, and has a very rich epiphytic lichen flora, including *Agonimia octospora* and *Catillaria atropurpurea*. It represents Atlantic acidophilous Beech forests in the south-eastern part of the habitat's UK range. The Beech woodland is associated with other woodland types, open glades and pools, which contribute to a high overall diversity. The woods are important for a number of bat species, in particular 1323 Bechstein's bat *Myotis bechsteinii* and 1308 Barbastelle.

#### Annex II species that are a primary reason for selection of this site:

1308 Barbastelle *Barbastella barbastellus*

A maternity colony of Barbastelles utilises a range of tree roosts in this area of 91A0 old sessile Oak woods with *Ilex* and *Blechnum* in the British Isles, which has a dense understorey of holly as well as open glades and open water. Maternity roost sites are usually in dead tree stumps, but the species appears to be present throughout the year, with individuals utilising a range of roost sites in tree holes and under bark.

1323 Bechstein's bat *Myotis bechsteinii*

A maternity colony of Bechstein's bat is associated with this area of 91A0 Old sessile Oak woods with *Ilex* and *Blechnum* in the British Isles. Roosts are mainly in *old woodpecker holes in the stems of live mature oak Quercus petraea trees*.

### Arun Valley SPA

A037 Bewick's swan, *Cygnus columbianus bewickii* (non-breeding).

During the time of site notification, the SPA supported 115 individuals representing at least 1.6% of the wintering population in Great Britain (5 year peak mean 1992/93 - 1996/97).

During the non-breeding season, the SPA regularly supports an assemblage of waterfowl with the area regularly supporting 27,241 individual waterfowl (5 year peak mean for 1992/93 to 1996/97) including: Shoveler *Anas clypeata*, Teal

	<p><i>Anas crecca</i>, Wigeon <i>Anas penelope</i>, Bewick's Swan <i>Cygnus columbianus bewickii</i>.</p> <p><b>Arun Valley SAC</b> 4056 Little Whirlpool Ramshorn snail <i>Anisus vorticulus</i></p> <p><i>Anisus vorticulus</i> occurs across a range of sites in southern and eastern England. The Arun valley is one of the three main population centres for this species in the UK. This proposed site includes two of its core sites in the wash lands of the Arun floodplain (Pulborough Brooks and Amberley Wild Brooks SSSIs).</p>
Qualifying Features for Ramsar	<p><b>Arun Valley Ramsar</b></p> <p><b>Ramsar criterion 2</b> The site holds seven wetland invertebrate species listed in the British Red Data Book as threatened. One of these, <i>Pseudamnicola confusa</i>, is considered to be endangered. The site also supports four nationally rare and four nationally scarce plant species</p> <p><b>Ramsar criterion 3</b> In addition to the Red Data Book invertebrate and plant species, the ditches intersecting the site have a particularly diverse and rich flora. All five British duckweed (<i>Lemna</i> species), all five water-cress (<i>Rorippa</i> species), and all three British water milfoils (<i>Myriophyllum</i> species), all but one of the seven British water dropworts (<i>Oenanthe</i> species), and two-thirds of the British pondweeds (<i>Potamogeton</i> species) can be found on site.</p> <p><b>Ramsar criterion 5</b> Assemblages of international importance: Species with peak counts in winter: 13774 waterfowl (5 year peak mean 1998/99-2002/2003).</p>
Conservation Status of the relevant Qualifying Features	<p><b>The Mens SAC</b></p> <p>The Barbastelle is one of the UK's rarest mammals. Few maternity roost sites are known in the UK. While the SAC series makes a contribution to securing favourable conservation status for this Annex II species, wider measures are also necessary to support its conservation in the UK</p> <p>These are outlined in the Species Biodiversity Action Plan (DEFRA website). <i>It is likely that its low population density and slow population growth make it particularly vulnerable to:</i></p> <ul style="list-style-type: none"> <li>• <i>further loss and fragmentation of ancient deciduous woodland habitat;</i></li> <li>• <i>loss, destruction and disturbance of roosts in buildings, trees and underground sites;</i></li> <li>• <i>a reduction in numbers of insect prey due to habitat simplification acting through factors such as fertiliser use and intensive grazing.</i></li> </ul> <p><b>Ebernoe Common SAC</b></p> <p>Barbastelle as outlined for The Mens SAC.</p> <p>Bechstein's Bat Species Biodiversity Action Plan (DEFRA website): <i>The rarity of this species means that it is poorly understood, but according to the national species action plan, its low population density, exacting habitat requirements and low rates of reproduction make it particularly vulnerable to factors such as:</i></p> <ul style="list-style-type: none"> <li>• <i>Further loss and fragmentation of open ancient deciduous woodland habitat.</i></li> <li>• <i>Loss, destruction and disturbance of roosts or potential roosts (particularly in old trees).</i></li> </ul> <p><b>Arun Valley SAC, SPA and Ramsar</b></p> <p>In line with the national trend, the number of Bewick's swans wintering in the Arun Valley has declined since the time of designation and is now typically</p>

	<p>fewer than 50 birds. This may reflect an overall decline in the population of the species and/or be due to the effects of a milder climate in which more are able to winter in continental Europe (The Birds of Sussex, 2014). The waterfowl assemblage numbers fluctuate depending upon conditions in the valley but over the past five years have averaged 40,311, an increase from the five year mean of 27,241 at the time of designation.</p> <p>The Arun Valley is one of the remaining strongholds for the Little Whirlpool Ramshorn Snail.</p>
<p>Conservation Objectives (Only Relevant for SPA/SAC)</p>	<p><b>The Mens SAC</b>          Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;</p> <ul style="list-style-type: none"> <li>• The extent and distribution of qualifying natural habitats and habitats of qualifying species</li> <li>• The structure and function (including typical species) of qualifying natural habitats</li> <li>• The structure and function of the habitats of qualifying species</li> <li>• The supporting processes on which qualifying natural habitats and the habitats of qualifying species rely</li> <li>• The populations of qualifying species, and,</li> <li>• The distribution of qualifying species within the site.</li> </ul> <p><b>Ebernoe Common SAC</b>          Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;</p> <ul style="list-style-type: none"> <li>• The extent and distribution of qualifying natural habitats and habitats of qualifying species</li> <li>• The structure and function (including typical species) of qualifying natural habitats</li> <li>• The structure and function of the habitats of qualifying species</li> <li>• The supporting processes on which qualifying natural habitats and the habitats of qualifying species rely</li> <li>• The populations of qualifying species, and,</li> <li>• The distribution of qualifying species within the site.</li> </ul> <p><b>Arun Valley SAC &amp; SPA</b>          Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the aims of the Wild Birds Directive, by maintaining or restoring;</p> <ul style="list-style-type: none"> <li>• The extent and distribution of the habitats of the qualifying features</li> <li>• The structure and function of the habitats of the qualifying features</li> <li>• The supporting processes on which the habitats of the qualifying features rely</li> <li>• The population of each of the qualifying features, and,</li> <li>• The distribution of the qualifying features within the site.</li> </ul>
<p>Key vulnerabilities / factors affecting site integrity</p>	<p>Issues listed in the relevant Site Improvement Plan (SIP) are:</p> <p><b>The Mens SAC</b></p> <ul style="list-style-type: none"> <li>• Forestry and woodland management;</li> <li>• Habitat connectivity for barbastelle bats;</li> <li>• Invasive species;</li> <li>• Changes in land management, with reference to foraging and commuting routes;</li> <li>• Air pollution, risk of atmospheric nitrogen deposition;</li> <li>• Public access / disturbance, with regards to light levels.</li> </ul>

	<p>The mechanism for addressing these issues within the SIP is investigation, research and monitoring; with the exception of appropriate management, and removal of, rhododendron, within The Mens SAC.</p> <p><b>Ebernoe Common SAC</b></p> <ul style="list-style-type: none"> <li>• Forestry and woodland management;</li> <li>• Off-site habitat availability / management;</li> <li>• Habitat fragmentation;</li> <li>• Change in land management, with reference to foraging and commuting routes for Barbastelles;</li> <li>• Hydrological changes;</li> <li>• Air pollution, risk of atmospheric nitrogen deposition;</li> <li>• Public access / disturbance, with regards to light levels.</li> </ul> <p>Again, the mechanism for addressing all of these issues within the SIP is investigation, research, monitoring at this stage.</p> <p><b>Arun Valley SAC and SPA</b></p> <ul style="list-style-type: none"> <li>• Inappropriate water levels</li> <li>• Water pollution</li> <li>• Inappropriate ditch management</li> <li>• Disturbance</li> </ul> <p>Again, the mechanism for addressing all of these issues within the SIP is investigation, research, monitoring at this stage.</p> <p>However, for applications where increased demand for water resources is the only pathway for impacts, Natural England's substantive advice (Position Statement Interim Approach, September 2021) is that such applications - without mitigation - will result in a likely significant effect on the Arun Valley SAC/SPA/Ramsar site in combination with other developments in the Sussex North WSZ. As it cannot be concluded that the existing abstraction within Sussex North Water Supply Zone is not having an impact on the Arun Valley sites, developments within this zone must not add to this impact. Therefore, such applications, even where mitigation is proposed, must progress to Appropriate Assessment (AA).</p> <p>Natural England's substantive advice (September 2021) is that the Sussex North Water Supply Zone includes supplies from a groundwater abstraction which cannot, with certainty, conclude no adverse effect on the integrity of;</p> <ul style="list-style-type: none"> <li>• Arun Valley Special Area Conservation (SAC)</li> <li>• Arun Valley Special Protection Area (SPA)</li> <li>• Arun Valley Ramsar Site</li> </ul>
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### Assessment Criteria

<p>The individual elements of the project (either alone or in combination with other plans or projects) likely to give rise to impacts on the Habitats site</p>	<p>There is one record for Barbastelle bat within 2km of the site and no European Protected Species Mitigation Licences have been granted for this species within 2km of the site (Sussex Biodiversity Record Centre – accessed under licence and <a href="#">MAGIC maps</a>).</p> <p>Greenaway (2008) has radio tracked Barbastelle bats from both SACs and has identified Barbastelle bat flight lines and foraging kernels. In addition to the SACs containing their roosting sites, the bats also require access to habitats outside the boundary of the SACs. This habitat is integral to supporting bats associated with the SACs and is often referred to as functionally- linked habitat. Such functionally linked habitat includes the following:</p>
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- Flightlines – these are key commuting routes from roosts to foraging (or feeding) areas used by the bats. The Barbastelle flightlines around Ebernoe Common and The Mens have been investigated through survey and are shown in the Sussex bat SAC landscape tool for planning.
- Foraging areas – these are the areas of land where bats feed. Barbastelle bats can forage 10-15 kilometres from the roosting sites, and they prefer wet meadows and riparian habitats. Bechstein's tend to forage in and around the woodland where they roost with limited outward travel.

The Sussex Bat Special Area of Conservation Planning and Landscape Scale Enhancement Protocol provides advice for developers and local Councils when assessing applications which fall within an identified 12 km Impact Zone for The Men's SAC, Ebernoe Common SAC. In line with this Protocol, this application is located within the wider Conservation Area of The Mens SAC, and significant impacts or severance to flightlines need to be considered. This development does not occur along one of the identified flightlines.

From the submitted documents, it appears that the 0.4ha site comprises modified grassland and three scattered trees surrounded by native hedgerow. An area of lowland deciduous woodland and a native hedgerow lie adjacent to the site to the south, within the blue-line boundary. All trees and hedgerows will be retained onsite. The landscape plans include the planting of a native hedgerow on the eastern boundary of the development (Preliminary Ecological Appraisal (Arun Ecology Ltd., June 2025)). Therefore, there will be no overall loss of hedgerow or woodland.

Based on the threats listed in the SIPs, the following potential impact pathways are considered with reference to the development proposals regarding the need for further assessment:

**Direct land take** - The proposed development will not result in any direct land take from any designated sites. Direct land take does not therefore have the potential to result in likely significant effects (LSE) and can be screened out and will not be considered further.

**Forestry and woodland management** - This threat / issue is of relevance to the habitats within the designated sites themselves. There is no pathway for woodland management at these locations to be affected by the proposals. There is no potential for forestry and woodland management to be impacted by the proposals, so they have been screened out and will not be considered further.

**Habitat connectivity and availability for foraging and commuting Barbastelle bats (functionally linked land)** – Barbastelle bats are qualifying features for both SACs, and threats and issues relating to this species in the wider area have been identified in the relevant SIPs as:

- Off-site habitat availability / management;
- Habitat fragmentation / Habitat connectivity for barbastelle bats;
- Changes in land management, with reference to foraging and commuting routes.

The proposed development is within the 12km wider conservation area of The Mens SAC as set out in the Sussex Bat SAC planning and landscape scale enhancement protocol. It is therefore possible that bats from The Mens SAC use habitat within the site for foraging and/or commuting and significant impacts or severance to flightlines must be considered.

As there is no potential for habitat fragmentation or loss of functionally linked land for Barbastelle bats as part of the proposal and therefore, this has been screened out and will not be considered further.

	<p>The proposed development is outside the 12km wider conservation area of Ebernoe Common SAC as set out in the Sussex Bat SAC planning and landscape scale enhancement protocol. Therefore, Bechstein's bats are considered likely to be absent, and as such, <u>screened out</u>, and they will not be considered further.</p> <p><b>Invasive species</b></p> <p>This threat concerns invasive rhododendron within The Mens SAC, and, as such there is no pathway for impacts due to the proposals. There is no potential for invasive species contained within the proposals which would impact upon The Mens SAC, so they have been <u>screened out</u> and will not be considered further.</p> <p><b>Hydrological changes</b></p> <p>This threat / issue is of no relevance to The Mens SAC and Ebernoe Common SAC.</p> <p>The nearest area which would be affected by hydrological changes is the Arun Valley SAC/ SPA/ Ramsar site.</p> <p>Therefore, there is a predicted likely Significant Effects due to hydrological changes in combination with other plans and projects, so these have been <u>screened in</u>. This is considered under a separate HRA Appropriate Assessment for water neutrality.</p> <p><b>Air pollution</b></p> <p>The proposal will result in an increase in local residents and use of the SACs and Arun Valley SPA, and Ramsar are currently above their critical load for nitrogen deposition as noted in the HRA Screening Statement for Petworth Neighbourhood Development Plan (South Downs National Park Authority, 2017). Natural England Advice to Local Authorities when Considering Air Quality Impacts at HRA poses that air pollution impacts are predominately considered within 200m of a road. As the development is &gt;200m from any Habitats site, the potential for LSE on the Habitats sites due to air pollution can be <u>screened out</u> and will not be considered further.</p> <p><b>Public access / disturbance, with regards to light levels.</b></p> <p>The HRA Screening Statement for Petworth Neighbourhood Development Plan (South Downs National Park Authority, 2017) notes that most visits to the Mens and Ebernoe Common SACs take place during daylight, with low levels of recreation at night. As such, they conclude that significant adverse effects due to lighting are unlikely. Recreation itself (i.e. during daylight hours) is not listed as threat within the SIPs.</p> <p>There is no potential for disturbance effects on Barbastelle bats associated with increased lighting from the development. This impact pathway therefore needs to be <u>screened out</u>.</p> <p>We believe that there will therefore be no Likely Significant Effect on the Sussex bat SACs from the development alone.</p> <p><b>In combination effects</b></p> <p>As there is no potential for LSE from direct land take, forestry and woodland management, invasive species, hydrological connections or air pollution or habitat connectivity for commuting there is no potential for the development proposals to contribute to any likely significant effects along these pathways, in combination with other plans and projects. This impact pathway therefore can also be <u>screened out</u>.</p>
Test 1 the significant test:	The development proposals will retain existing boundary features although there is no evidence that Barbastelle bats use these as linear foraging and commuting routes within the Impact Risk Zone of the SACs.

	<p>The LPA therefore anticipates that, it is possible to conclude no 'likely significant effect' (LSE) to The Mens SAC in terms of habitat connectivity and availability for foraging and commuting Barbastelle bats.</p> <p>Therefore, there is no need for this assessment to proceed to HRA Stage 2: Appropriate Assessment.</p> <p><b>Conclusion:</b></p> <p>Having considered the proposal, Horsham District Council concludes that, the project will not have a Likely Significant Effect on the designated features of The Mens SAC or Ebernoe Common SAC, either alone or in combination with other plan and projects.</p> <p>Having prepared this HRA screening of the implications of the project for The Mens SAC or Ebernoe Common SAC, in view of those sites' conservation objectives, the authority can agree to the project under regulation 63 of the Conservation of Habitats and Species Regulations 2017 (as amended).</p>
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**Approving Ecologist:** Hayley Dean

**Date:** 15<sup>th</sup> October 2025

**DISCLAIMER: This information has been produced by Place Services's Ecology Team on behalf of Horsham District Council, at their request.**