**From:** SM-Defra-Plan Cons Area Team (Sussex and Kent) (NE) <PlanConsAreaTeamSussexandKent@defra.gov.uk>
**Sent:** 14 March 2025 10:13
**To:** Planning
**Subject:** FW: 2025-04-01 506041 - HRA & AA - Erection of a two storey detached dwelling etc - Garden House, Kerves Lane, Horsham (Horsham) DC/24/1923
**Attachments:** ufm2_Water_Neutrality_consult.pdf; 1923.docx; Annex A to standard letters - PDF.PDF

**Categories:** Consultations

Dear Planning at Horsham,

Thank you for consulting with Natural England regarding the following consultation.

The proposed development falls within the Sussex North Water Supply Zone; As set out in Natural England's Advice Note regarding Water Neutrality within the Sussex North Water Supply Zone, the existing water supply in the Sussex North Water Supply Zone cannot be ruled out as contributing to the declines in wildlife within internationally protected sites in the Arun Valley SPA, SAC and Ramsar site. Achieving water neutrality is recognised as a suitable method to rule out potential adverse effects on the integrity of these sites arising from development.

Considering the supporting information provided by the applicant and your authority's Habitats Regulation Assessment (HRA) our advice is as follows.

| Our ref | LPA ref | Planning Consultation and Location | Natural England's advice |
|---|---|---|---|
| 506041 | DC/24/1923 | **Planning Consultation**: HRA & Appropriate Assessment - Erection of a two storey detached dwelling with new vehicle access from Kerves Lane. **Location**: Garden House, Kerves Lane, Horsham RH13 6ES | We concur with the conclusion of your authority's HRA appropriate assessment insofar that adverse effects on the integrity of the Arun Valley Designated sites can be ruled out, as such:<br><br>We have no objections subject to the: delivery, management and maintenance of measures identified in the water neutrality statement to achieve water neutrality. |
| | | | |

Further general advice on the protected species and other natural environment issues is provided in the attached Annex A.

If you have any queries relating to this advice please let us know.

Yours sincerely,

Connor M. Bush

**From:** planning@horsham.gov.uk <planning@horsham.gov.uk>
**Sent:** 11 March 2025 15:20
**To:** SM-NE-Consultations (NE) <consultations@naturalengland.org.uk>
**Subject:** Planning Application Water Neutrality Consultation - DC/24/1923

Please see the attached consultation letter regarding Water Neutrality from Horsham District Council Re:DC/24/1923

**The Council will only accept service of documents by email if they are sent to legal@horsham.gov.uk during our office opening hours. Any documents sent to individual email addresses will not in any circumstances be accepted. Communications received outside our office opening hours will be regarded as being served on the next working day**
**Please contact us in advance if your email, including any attachments, is going to exceed 30MB.**

## Disclaimer

IMPORTANT NOTICE This e-mail might contain privileged and/or confidential information. If you have received this e-mail in error, please notify the sender and delete the e-mail immediately; you may not use or pass it to anyone else. Whilst every care has been taken to check this outgoing e-mail for viruses, it is your responsibility to carry out checks upon receipt. Horsham District Council does not accept liability for any damage caused. E-mail transmission cannot guarantee to be secure or error free. This e-mail does not create any legal relations, contractual or otherwise. Any views or opinions expressed are personal to the author and do not necessarily represent those of Horsham District Council. This Council does not accept liability for any unauthorised/unlawful statement made by an employee. Information in this e mail may be subject to public disclosure in accordance with the law. Horsham District Council cannot guarantee that it will not provide this e mail to a third party. The Council reserves the right to monitor e-mails in accordance with the law. If this e-mail message or any attachments are incomplete or unreadable, please telephone 01403 215100 or e-mail customer.services@horsham.gov.uk. Any reference to "e-mail" in this disclaimer includes any attachments.

This email has been scanned for viruses and malware, and may have been automatically archived by **Mimecast Ltd**.

This message has been sent using TLS 1.2 Department for Environment, Food and Rural Affairs (Defra) This email and any attachments is intended for the named recipient only. If you have received it in error you have no authority to use, disclose, store or copy any of its contents and you should destroy it and inform the sender. Whilst this email and associated attachments will have been checked for known viruses whilst within Defra systems we can accept no responsibility once it has left our systems. Communications on Defra's computer systems may be monitored and/or recorded to secure the effective operation of the system and for other lawful purposes.

# Annex A – Additional advice

Natural England offers the following additional advice:

**Landscape**
Paragraph 174 of the National Planning Policy Framework (NPPF) highlights the need to protect and enhance valued landscapes through the planning system. This application may present opportunities to protect and enhance locally valued landscapes, including any local landscape designations. You may want to consider whether any local landscape features or characteristics (such as ponds, woodland, or dry-stone walls) could be incorporated into the development to respond to and enhance local landscape character and distinctiveness, in line with any local landscape character assessments. Where the impacts of development are likely to be significant, a Landscape & Visual Impact Assessment should be provided with the proposal to inform decision making. We refer you to the Landscape Institute Guidelines for Landscape and Visual Impact Assessment for further guidance.

**Best and most versatile agricultural land and soils**
Local planning authorities are responsible for ensuring that they have sufficient detailed agricultural land classification (ALC) information to apply NPPF policies (Paragraphs 174 and 175). This is the case regardless of whether the proposed development is sufficiently large to consult Natural England. Further information is contained in GOV.UK guidance Agricultural Land Classification information is available on the Magic website on the Data.Gov.uk website. If you consider the proposal has significant implications for further loss of 'best and most versatile' agricultural land, we would be pleased to discuss the matter further.

Guidance on soil protection is available in the Defra Construction Code of Practice for the Sustainable Use of Soils on Construction Sites, and we recommend its use in the design and construction of development, including any planning conditions. For mineral working and landfilling separate guidance on soil protection for site restoration and aftercare is available on Gov.uk website. Detailed guidance on soil handling for mineral sites is contained in the Institute of Quarrying *Good Practice Guide for Handling Soils in Mineral Workings*.

Should the development proceed, we advise that the developer uses an appropriately experienced soil specialist to advise on, and supervise soil handling, including identifying when soils are dry enough to be handled and how to make the best use of soils on site.

**Protected Species**
Natural England has produced standing advice[1] to help planning authorities understand the impact of particular developments on protected species. We advise you to refer to this advice. Natural England will only provide bespoke advice on protected species where they form part of a Site of Special Scientific Interest or in exceptional circumstances.

**Local sites and priority habitats and species**
You should consider the impacts of the proposed development on any local wildlife or geodiversity sites, in line with paragraphs 175 and179 of the NPPF and any relevant development plan policy. There may also be opportunities to enhance local sites and improve their connectivity. Natural England does not hold locally specific information on local sites and recommends further information is obtained from appropriate bodies such as the local records centre, wildlife trust, geoconservation groups or recording societies.

Priority habitats and Species are of particular importance for nature conservation and are included in the England Biodiversity List published under section 41 of the Natural Environment and Rural Communities Act 2006. Most priority habitats will be mapped either as Sites of Special Scientific Interest, on the Magic website or as Local Wildlife Sites. List of priority habitats and species can be found on Gov.uk.
Natural England does not routinely hold species data, such data should be collected when impacts on priority habitats or species are considered likely. Consideration should also be given to the potential environmental value of brownfield sites, often found in urban areas and former industrial land, further information including links to the open mosaic habitats inventory can be found here.

[1] https://www.gov.uk/protected-species-and-sites-how-to-review-planning-proposals

# Annex A – Additional advice

**Ancient woodland, ancient and veteran trees**
You should consider any impacts on ancient woodland and ancient and veteran trees in line with paragraph 180 of the NPPF. Natural England maintains the Ancient Woodland Inventory which can help identify ancient woodland. Natural England and the Forestry Commission have produced standing advice for planning authorities in relation to ancient woodland and ancient and veteran trees. It should be taken into account by planning authorities when determining relevant planning applications. Natural England will only provide bespoke advice on ancient woodland, ancient and veteran trees where they form part of a Site of Special Scientific Interest or in exceptional circumstances.

**Environmental gains**
Development should provide net gains for biodiversity in line with the NPPF paragraphs 174(d), 179 and 180. Development also provides opportunities to secure wider environmental gains, as outlined in the NPPF (paragraphs 8, 73, 104, 120,174, 175 and 180). We advise you to follow the mitigation hierarchy as set out in paragraph 180 of the NPPF and firstly consider what existing environmental features on and around the site can be retained or enhanced or what new features could be incorporated into the development proposal. Where onsite measures are not possible, you should consider off site measures. Opportunities for enhancement might include:

- Restoring a neglected hedgerow.
- Creating a new pond as an attractive feature on the site.
- Planting trees characteristic to the local area to make a positive contribution to the local landscape.
- Using native plants in landscaping schemes for better nectar and seed sources for bees and birds.
- Incorporating swift boxes or bat boxes into the design of new buildings.
- Designing lighting to encourage wildlife.
- Adding a green roof to new buildings.

Natural England's Biodiversity Metric 4.0 may be used to calculate biodiversity losses and gains for terrestrial and intertidal habitats and can be used to inform any development project. For small development sites the Small Sites Metric may be used. This is a simplified version of Biodiversity Metric 4.0 and is designed for use where certain criteria are met.

Natural England's Environmental Benefits from Nature tool may be used to identify opportunities to enhance wider benefits from nature and to avoid and minimise any negative impacts. It is designed to work alongside Biodiversity Metric 4.0 and is available as a beta test version.

**Green Infrastructure**
Natural England's Green Infrastructure Framework provides evidence-based advice and tools on how to design, deliver and manage green infrastructure (GI) . GI should create and maintain green liveable places that enable people to experience and connect with nature, and that offer everyone, wherever they live, access to good quality parks, greenspaces, recreational, walking and cycling routes that are inclusive, safe, welcoming, well-managed and accessible for all. GI provision should enhance ecological networks, support ecosystems services and connect as a living network at local, regional and national scales.

Development should be designed to meet the 15 Green Infrastructure Principles. The Green Infrastructure Standards can be used to inform the quality, quantity and type of green infrastructure to be provided. Major development should have a GI plan including a long-term delivery and management plan. Relevant aspects of local authority green infrastructure strategies should be delivered where appropriate.

GI mapping resources are available here and here. These can be used to help assess deficiencies in greenspace provision and identify priority locations for new GI provision.

**Access and Recreation**
Natural England encourages any proposal to incorporate measures to help improve people's access to the natural environment. Measures such as reinstating existing footpaths together with the creation of new footpaths and bridleways should be considered. Links to urban fringe areas should also be explored to strengthen access networks, reduce fragmentation, and promote wider green infrastructure.

# Annex A – Additional advice

**Rights of Way, Access land, Coastal access and National Trails**
Paragraphs 100 and 174 of the NPPF highlight the important of public rights of way and access. Development should consider potential impacts on access land, common land, rights of way and coastal access routes in the vicinity of the development. Consideration should also be given to the potential impacts on the any nearby National Trails. The National Trails website www.nationaltrail.co.uk provides information including contact details for the National Trail Officer. Appropriate mitigation measures should be incorporated for any adverse impacts.

**Biodiversity duty**
Your authority has a duty to have regard to conserving biodiversity as part of your decision making. Conserving biodiversity can also include restoration or enhancement to a population or habitat. Further information is available here.

**Horsham District Council**
**Habitats Regulations Assessment (HRA) Screening Matrix and Appropriate Assessment**

**PLEASE NOTE: This screening relates only for potential impacts from water resources on the Arun Valley SAC/ SPA/Ramsar sites and does not consider impacts on any other designated habitat sites. A separate HRA screening will be required for development affecting other SPAs, SACs, or Ramsar sites.**

**It is the responsibility of the Competent Authority (in this case Horsham District Council) to prepare a HRA report and it is the responsibility of the applicant to provide information to support this process.**

**This HRA Appropriate Assessment template is for use where a planning application will result in additional demand for mains water being created in the Sussex North Water Supply Zone that is predicted to adversely impact the Arun Valley SAC/ SPA/Ramsar sites.**

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

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. Habitats 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: HRA Screening matrix for water neutrality**

| **Stage 1 HRA screening** | |
|---|---|
| Brief description of the development project | Application: DC/24/1923<br>Planning Application: Erection of a two storey detached dwelling with new vehicle access from Kerves Lane.<br>Location: Garden House, Kerves Lane, Horsham, West Sussex, RH13 6ES<br>Type of application: Full |
| Details of the development project<br><br>If yes to C, then the applicant should have provided evidence and justification - no further HRA work is required | **Proximity to Arun Valley SAC / SPA / Ramsar**:<br>Is the application site:<br>A) Within the Sussex North Water Supply Zone (WSZ)<br>**YES**<br>B) Arun Valley SAC / SPA / Ramsar potentially impacted by the planning application:<br>**YES there is credible evidence of a real risk that the proposal will, without measures to minimise water use and water offsetting, result in an increase in water demand.**<br>C) Is the planning application directly connected with or necessary to the management of the Arun Valley SAC/SPA/Ramsar site? **NO** |

| | |
|---|---|
| Brief description of the Habitats sites within scope of this assessment | Arun Valley SAC, SPA and Ramsar site supports 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.<br><br>Further details are provided in Appendix 1. |
| Key vulnerabilities / factors affecting site integrity | 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 either alone or 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).<br><br>Natural England's Position Statement (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;<br>• Arun Valley Special Area Conservation (SAC)<br>• Arun Valley Special Protection Area (SPA)<br>• Arun Valley Ramsar Site |
| **HRA Screening Assessment Criteria** | |
| The individual elements of the project (either alone or in combination with other plans or projects) likely to give rise to impacts on the Arun Valley SAC, SPA and Ramsar site | Based on the threat from water demand identified by Natural England's Position Statement, the development proposals need assessment for hydrological changes to the Arun Valley SAC/ SPA/ Ramsar site.<br><br>For applications, does the evidence show any likely significant effect on Arun Valley SAC/SPA/Ramsar site, without mitigation measures (either alone or in-combination with other plans or projects)? **YES**<br><br>Test 1 the significance test below has been completed as the evidence shows a likely significant effect on Arun Valley SAC/SPA/Ramsar site, without mitigation measures (in-combination with other plans or projects). |

DRAFT

| | |
|---|---|
| Test 1 the significance test: – Can a judgement be made as to whether there could be any potential significant impacts of the development on the integrity of the Arun Valley SPA/ SAC/Ramsar. | Following the CJEU ruling People over Wind, it is no longer legal to take into account any avoidance and mitigation measures as part of the application at this stage of HRA.<br><br>For applications where increased demand for water resources is the only mechanism of impact, Natural England's advice is that such applications - **without mitigation** - will have a likely significant effect on the Arun Valley SAC/SPA/Ramsar site in combination with other developments in the Sussex North WSZ. **YES**<br><br>Therefore, such applications, even where mitigation measures (minimise water use and water offsetting) are proposed, will progress directly to Stage 2 Appropriate Assessment to consider, with mitigation, the impacts of the development on mains water usage on the above designated sites, either alone or in combination with other plans and projects.<br><br>**Explanation: All development likely to increase the demand for mains water usage, is predicted to result an identifiable impact on the Arun Valley SAC/SPA/Ramsar sites.**<br><br>After mitigation has been embedded into the project design, Test 2 – the integrity test then needs to be applied. |
| **Stage 2 Appropriate Assessment** | |
| The above Stage 1 HRA screening has determined that a Likely Significant Effect is predicted at Arun Valley SAC/SPA/Ramsar site as a result of impacts on water quantity. This pathway has been screened in, and the potential for adverse effects on site integrity, either alone or in-combination will be assessed.<br><br>Therefore, this section of the report to inform HRA Stage 2 only discusses the potential for impacts on water quantity as a result of the proposed development. | |
| Potential for Adverse Effects On the Integrity (AEOI) of a Habitats site from the development alone or in combination. | Supplementary advice on conserving and restoring site features for Arun Valley SAC/SPA sets a number of targets for the site under the supporting the Conservation Objectives in order that the integrity of the sites is maintained or restored as appropriate, and ensure that the sites contribute to achieving the Favourable Conservation Status of the Qualifying Features.<br><br>The targets cover hydrology and flow, water quantity, area depth and water quality. The hydrology of the river Arun is the major factor affecting these targets and this is turn is affected by the abstraction at Hardham for the supply of drinking water. Continued or increased levels of groundwater abstraction at Hardham reduces water quantity in the Arun Valley sites and adversely affects water levels and flow within the sites (in combination with other plans and projects in the Sussex North WRZ).<br><br>Without an alternative sustainable water supply or mitigation measures, the hydrology of the sites will be unable to maintain the types and extents of habitats requited to maintain the Qualifying Features. |

DRAFT

| | |
|---|---|
| Details of Water usage for the development | Planning permission is sought for the erection of a two-storey three-bedroom dwelling within the curtilage of an existing dwelling located on Kerves Lane, Horsham.<br><br>As the application site currently comprises wider garden curtilage with no separate water demand from the main dwelling. The existing baseline demand is therefore calculated as **NIL**.<br><br>The submitted water neutrality statement indicates through the use of onsite efficiencies measures and the use of rainwater harvesting, it would comprise an overall demand of 61.66lpd. Multiplying this but the Council's average occupancy for a three-bedroom dwelling of 2.86 persons equates to a total demand of **152.3l/d**.<br><br>In terms of rainwater harvesting, the calculations illustrate a requirement of **67.6.l/d** of harvested water to accommodate the dwelling's needs. The following formula has been used to calculate the yield:<br><br>$Yr = A \times e \times AAR \times H$<br><br>Where:<br>Yr = rainwater yield (in litres)<br>A = collection area (117m2)<br>e = yield coefficient (of 0.9)<br>AAR = area annual average rainfall (of 816)<br>h = hydraulic filter efficiency (of 0.9)<br><br>117 x 0.9 x 816 x 0.9 = **77,332.32 l/a**<br><br>77,332.32l/a / 365 days = **211.87l/d**<br><br>The proposed daily average yield from the roof of the dwelling would therefore meet the rainwater demands of the proposed development. In order to ensure a 35 day drought contingency would supply the required water in the event of a drought, a tank accommodating at least 2,367.1l would be required (35 x 211.87).<br><br>In order to offset against the proposed demand, the existing dwelling (Garden House) is proposed to be installed with similar water efficiencies to the new dwelling. Thus is shown to reduce the existing demand from the dwelling from 349.24l/d to 245.44ld (**103.8l/d saving**). There thus remains a further 48.5l/d of water to be offset against.<br><br>The proposal seeks to offset the remaining water demand by purchasing 'credits' from another address within the water supply zone (WSZ). The strategy details a HMO within Crawley (19 Epsom Road) where it is intended to install water efficiencies to reduce the demand of the building from 895.45l/d to 537.06 (a saving of 358.39l/d). 1l/d is indicated as 1x credit. The report details that 280 of the 358 credits have been purchased for other development within the WSZ. **The proposal seeks to purchase the needed 49 credits from the Epsom Road site** (29 credits will remain for other development). The resultant purchase of which would ensure that the proposed water demand of the dwelling would be sufficiently offset, and therefore demonstrating that the proposal would be water neutral. |

DRAFT

| | |
|---|---|
| | Subject to the attachment of the below listed condition and the legal agreement to secure the offsite offsetting measures, Officers are satisfied that the proposed development would be water neutral:<br><br>***Pre-commencement (Slab Level) Condition:*** *No development above ground floor slab level shall commence until full details of the water efficiency measures and rainwater/greywater harvesting system required by the approved water neutrality strategy (prepared by: CGS Civils, received 26.02.2025 and; Motion, received 25.02.2025) for the proposed dwelling and existing dwelling at Garden House, Kerves Lane, have been submitted to and approved in writing by the Local Planning Authority. The rainwater harvesting system shall include suitable storage tanks to provide a minimum 35 days storage capacity (at least 2,367.ll), including details of their location and whether they would be surface mounted or set within the ground, in addition to evidence that their initial fill will be supplied with water from outside of the Water Supply Zone.*<br><br>*Reason: To ensure the development is water neutral to avoid an adverse impact on the Arun Valley SACSPA and Ramsar sites in accordance with Policy 31 of the Horsham District Planning Framework (2015), Paragraph 193 of the National Planning Policy Framework (2024), and to enable the Local Planning Authority to discharge its duties under the Conservation of Habitats and Species Regulations 2017 (as amended), and s40 of the NERC Act 2006 (Priority habitats & species).*<br><br>***Pre-Occupation Condition:*** *No dwelling hereby permitted shall be first occupied until evidence has been submitted to and been approved in writing by the Local Planning Authority that the approved water neutrality strategy for that dwelling has been implemented in full. The evidence shall include the specification of fittings and appliances used, evidence of their installation, details of the rainwater harvesting system installed including a minimum 35 days storage capacity, and completion of the as built Part G water calculator or equivalent. The installed measures shall be retained as such thereafter, or to a similar improved water performance.*<br><br>*Reason: To ensure the development is water neutral to avoid an adverse impact on the Arun Valley SACSPA and Ramsar sites in accordance with Policy 31 of the Horsham District Planning Framework (2015), Paragraph 193 of the National Planning Policy Framework (2024), and to enable the Local Planning Authority to discharge its duties under the Conservation of Habitats and Species Regulations 2017 (as amended), and s40 of the NERC Act 2006 (Priority habitats & species).* |

DRAFT

| | |
|---|---|
| Proposed mitigation for the project to secure the mitigation as a condition of any consent<br>e.g. alternative sustainable water supply, minimising water use in new development.<br>Water offsetting for residual demand in existing buildings in the Sussex North WRZ. See Position Statement issued by Natural England (September 2021) | **Summary of mitigation package**<br><br>The following measures to minimise water use have been embedded within the development (see Waterwise Water Neutrality Practical Guidance January 2021) to be secured as part of any planning consent:<br>• Water efficiencies<br>• Rainwater harvesting<br><br>The following water offsetting measures for demand in existing buildings have also been embedded within the development to be secured as part of any planning consent:<br>• Water efficiencies<br>• Purchase of credits<br><br>These measures have been embedded within the development to be secured as part of any planning consent and are considered sufficient to avoid adverse effects on the integrity of the interest features of the Arun Valley SPA, SAC & Ramsar site from the development either alone or in combination with other plans and projects. |
| Test 2 – the integrity test | **Conclusion:**<br>Having considered the proposed avoidance and mitigation measures above to be provided in-perpetuity through:<br>• The on-site water efficiency measures,<br>• The off-site water demand reduction measures secured through a condition of consent/legal agreement<br><br>Horsham District Council concludes that, with mitigation, the project will not have an Adverse Effect on the Integrity of the Arun Valley SAC/ SPA /Ramsar site, either alone or in combination with other plan and projects.<br><br>This development would therefore not be in conflict with the conservation objectives for the Arun Valley SPA, SAC and Ramsar site which include 'maintaining or restoring the population of Qualifying Features'. See Appendix 1.<br><br>As the mitigation has been considered after HRA screening, this HRA Appropriate Assessment is in line with the People over Wind CJEU Court ruling and, being beyond reasonable scientific doubt concerning the effects of the work envisaged on the site concerned, is also in line with the Holohan and Others v An Bord Pleanála court ruling.<br><br>Having prepared this Appropriate Assessment of the implications of the project for the Arun Valley sites in view of their conservation objectives, subject to consultation with Natural England and fully considered any representation received where necessary, the authority can now agree to the project under regulation 63 of the Conservation of Habitats and Species Regulations 2017 (as amended). |

**Approving Planner**: RHERMITAGE **Date:** 11.03.2025

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

**Appendix 1 – details of Arun Valley SAC/SPA/Ramsar site**

| | |
|---|---|
| Qualifying Features for SPA/SAC | **Arun Valley SPA**<br><br>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).<br><br>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 *Anas crecca*, Wigeon *Anas penelope*, Bewick's Swan *Cygnus columbianus bewickii.*<br><br>**Arun Valley SAC**<br>4056 Little Whirlpool Ramshorn snail *Anisus vorticulus*<br>*Anisus vorticulus* 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). |
| Qualifying Features for Ramsar | **Arun Valley Ramsar**<br><br>**Ramsar criterion 2**<br>The site holds seven wetland invertebrate species listed in the British Red Data Book as threatened. One of these, *Pseudamnicola confusa*, is considered to be endangered. The site also supports four nationally rare and four nationally scarce plant species<br><br>**Ramsar criterion 3**<br>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 (*Lemn*a species), all five water-cress (*Rorippa* species), and all three British water milfoils (*Myriophyllum* species), all but one of the seven British water dropworts (*Oenanthe* species), and two-thirds of the British pondweeds (*Potamogeton* species) can be found on site.<br><br>**Ramsar criterion 5**<br>Assemblages of international importance: Species with peak counts in winter: 13774 waterfowl (5 year peak mean 1998/99-2002/2003) |
| Conservation Status of the relevant Qualifying Features | **Arun Valley SAC, SPA and Ramsar**<br><br>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 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.<br><br>The Arun Valley is one of the remaining strongholds for the Little Whirlpool Ramshorn Snail. |

DRAFT

| | |
|---|---|
| Conservation Objectives (Only Relevant for SPA/SAC) | **Arun Valley SAC & SPA**<br>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;<br>• The extent and distribution of the habitats of the qualifying features<br>• The structure and function of the habitats of the qualifying features<br>• The supporting processes on which the habitats of the qualifying features rely<br>• The population of each of the qualifying features, and,<br>• The distribution of the qualifying features within the site. |

DRAFT