



ECOLOGY REPORT  
BLUE STAR LAND  
BEREWOOD  
WATERLOOVILLE  
HAMPSHIRE  
PO7 7PS

APRIL 2026

ON BEHALF OF GRAINGER PLC



The Old Squash Court,  
Rempstone Hall,  
Rempstone,  
Corfe Castle,  
Wareham,  
Dorset,  
BH20 5JQ  
[www.ecological-services.co.uk](http://www.ecological-services.co.uk)

Telephone: 01929 477115  
E-mail: [enquiries@ecological-services.co.uk](mailto:enquiries@ecological-services.co.uk)

Authorisation

|                     | Name | Date       |
|---------------------|------|------------|
| Report prepared by: | WB   | 25.03.2026 |
| Report reviewed by: | JS   | 25.03.2026 |

The contents of this report were correct at the time of the last survey visit. The report is provided for the sole use of the named client and is confidential.

All rights in this report are reserved. No part of it may be reproduced or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature, without our written permission. Its content and format are for the exclusive use of the addressee in dealing with this. It may not be sold, lent, hired out or divulged to any third party not directly involved in this situation without our written consent.

It is company policy to share species records collected during our surveys with local biological records centres unless instructed otherwise by the client.

## CONTENTS

|               |                                                                  |    |
|---------------|------------------------------------------------------------------|----|
| 1.0           | EXECUTIVE SUMMARY .....                                          | 1  |
| 2.0           | INTRODUCTION .....                                               | 2  |
| 3.0           | LEGISLATION AND POLICY CONTEXT .....                             | 3  |
| 4.0           | METHODOLOGY.....                                                 | 5  |
| 5.0           | BASELINE .....                                                   | 7  |
| 6.0           | DISCUSSION AND RECOMMENDATIONS.....                              | 13 |
| 7.0           | CONCLUSION.....                                                  | 19 |
| 8.0           | REFERENCES.....                                                  | 20 |
| APPENDIX I:   | Site location plan .....                                         | 21 |
| APPENDIX II:  | Site proposals .....                                             | 22 |
| APPENDIX III: | Designated sites and protected and notable species results ..... | 24 |
| APPENDIX IV:  | UKHab survey .....                                               | 38 |
| APPENDIX V:   | Site photographs (March 2025).....                               | 46 |
| APPENDIX VI:  | Condition assessments .....                                      | 51 |
| APPENDIX VII: | Badger activity map .....                                        | 79 |

## **1.0 EXECUTIVE SUMMARY**

- 1.1 LC Ecological Services Limited (LCES) were commissioned by Grainger Plc to conduct an update UK Habitat Classification survey and badger survey on land at Berewood, Waterlooville, Hampshire (Grid ref: SU 67820 09328) known as Blue Star Land. This survey was required to inform and support an appeal for non-determination for a planning application for a residential housing development comprising 69 residential units with associated access, infrastructure, soft landscaping, green space, and a sustainable urban drainage system (SUDs) feature.
- 1.2 This report is based on the UK Habitat Classification survey and badger survey conducted by LCES on 10<sup>th</sup> March 2026, along with the deployment of motion sensor cameras in December 2025 and March 2026. These surveys update those previously conducted in 2023 and 2018. The information provided by the UK Habitat Classification survey and badger survey work summarises the ecological baseline methods and results and makes comparisons to the previous survey data.
- 1.3 The site was an historical field which had been largely unmanaged for approximately 25 years resulting in the growth of extensive bramble scrub as well as mixed scrub and regenerating woodland. In 2023, the extensive bramble scrub on the site was cleared and the resulting open space was regenerating modified grassland, remaining patches of woodland, scrub and individual trees were recorded throughout the site. Additionally, two hedgerows and two drainage ditches were recorded.
- 1.4 Badger setts were recorded along the southern boundary of the site, with one hole being used by foxes. The deployment of motion sensor cameras confirmed that the setts are still active with badgers seen entering the holes.
- 1.5 The results of this update survey confirm the results and mitigation measures detailed within the previous Ecological Impact Assessment (LCES 2024).

## 2.0 INTRODUCTION

2.1 LC Ecological Services Limited (LCES) were commissioned by Grainger Plc to conduct an update UK Habitat Classification survey and badger survey on land at Berewood, Waterloooville, Hampshire (Grid ref: SU 67820 09328) known as Blue Star Land. This survey was required to inform and support an appeal for non-determination for a planning application for a residential housing development comprising 69 residential units with associated access, infrastructure, soft landscaping, green space, and a sustainable urban drainage system (SUDs) feature. A site location plan has been provided in appendix I, and proposal plan has been provided in appendix II.

2.2 The purpose of this report is to outline the following:

- To identify and describe the current baseline habitats and conditions.
- To identify and describe the current usage of the site by badgers (*Meles meles*).
- To make comparisons and identify change from the previous 2023 survey visits and to provide any additional mitigation measures that may be applicable following the update site visits.

### 3.0 LEGISLATION AND POLICY CONTEXT

#### Legislation

3.1 Full details of statutory obligations with respect to biodiversity and the planning system can be found in DEFRA Circular 06/2005. Relevant legislation to this application site includes the following:

- **Internationally Designated Sites:** The Conservation of Habitats and Species (amendment) Regulations 2017 have created a National Site Network that includes existing Special Areas of Conservation (SACs) and Special Protection Areas (SPAs) and new SAC's and SPA designated under these regulations. These are a network of sites designated for supporting habitats or species of high nature conservation importance in the European context. Any activity that has a detrimental effect on these National Site Networks is made an offence under the Regulations. Where a development is likely to have a significant impact on a National Site Network, the Regulations require a rigorous assessment of the impacts, known as an Appropriate Assessment. Ramsar sites are protected under the *Ramsar Convention (1971)*.
- **Nationally Designated Sites:** Sites of Special Scientific Interest (SSSIs) are protected under section 28 of the *Wildlife and Countryside Act (WCA) 1981 (as amended)*.
- **The Protection of Badgers Act 1992:** This Act makes it an offence to wilfully take, injure or kill a badger; cruelly mistreat a badger; interfere with badger setts. A licence is required for work which may damage or disturb a sett.
- **Bats:** all species of British bats and their roosts are fully protected under the *Wildlife and Countryside Act (WCA) 1981 (as amended)* and the *Conservation of Habitats and Species (Amendment) Regulations 2017*.
- **Birds:** all birds, their nests, eggs and young are protected by the *WCA 1981 (as amended)*.
- **Biodiversity Action Plans (BAPs):** BAPs set out policy for protecting and restoring priority species and habitats as part of the UK's response as signatories to the Convention on Biological Diversity. BAPs operate at both a national and local level with priority species and habitats identified at a national level and a series of Local BAPs that identify ecological features of particular importance to a particular area of the country. The requirement to consider and contribute towards BAP targets was strengthened through the Countryside and Rights of Way Act 2000. Biodiversity Action plans (BAPs) which may be of relevance to the site include the following:

- Hazel dormouse (*Muscardinus avellanarius*)
  - House sparrow (*Passer domesticus*)
  - Starling (*Sturnus vulgaris*)
  - Song thrush (*Turdus philomelos*)
  - Reptiles
- **Mammals:** *Wild Mammals (Protection) Act 1996*. The hazel dormouse and their habitats are fully protected under the *Wildlife and Countryside Act (WCA) 1981 (as amended)* and the *Conservation of Habitats and Species (Amendment) Regulations 2017*.
  - **Reptiles:** the adder (*Viper berus*), common lizard (*Zootoca vivipara*), grass snake (*Natrix helvetica*) and slow worm (*Anguis fragilis*) receive protection under the *WCA 1981 (as amended)*.

### National Planning Policy

- 3.2 Chapter 15 of the National Planning Policy Framework (NPPF 2024) ‘*Conserving and enhancing the natural environment*’ sets out the Government’s planning policies relating to biodiversity, landscape and geological conservation. The relevant paragraphs within this chapter are from 187 to 195.

### Local Planning Policy

- 3.3 Relevant planning policies within the Havant Local Plan (Core Strategy) (Adopted March 2011) include:
- Policy DM8: Conservation, Protection and Enhancement of Existing Natural Features
  - Policy CS11: Protecting and Enhancing the Special Environment and Heritage of Havant Borough
  - Policy CS13: Green Infrastructure
- 3.4 Relevant planning policies within the Havant Borough Local Plan (Allocations) (Adopted July 2014) include:
- Policy DM24: Recreational Disturbance to Special Protected Areas (SPAs) from Residential Development

## 4.0 METHODOLOGY

### Study Area

- 4.1 The site is located at central Ordnance Survey (OS) SU 67820 09328, and the study area comprises the site plus the additional surrounding radii detailed below:
- 5 kilometres for any international statutory designated sites for nature conservation.
  - 2 kilometres for any national statutory designated sites for nature conservation.
  - 2 kilometres for any non-statutory designated sites for nature conservation.
  - 2 kilometres for all records of protected, notable, and invasive species.
  - 30 metres for badgers.

### Desk study

- 4.2 The Multi-Agency Geographical Information for the Countryside (MAGIC) website was used to provide information relating to internationally important statutory designated sites for nature conservation within a five-kilometre radius, and nationally important statutory designated sites for nature conservation within a two-kilometre radius of the proposed development site. MAGIC was also consulted for any granted European Protected Species within a two-kilometre radius of the site.
- 4.3 A previous data search made to Hampshire Biological Information Centre (HBIC) in 2023 was also undertaken on designated sites and protected species within 2 kilometres of the site.

### Field study

#### *Habitats and vegetation*

- 4.4 The UK Habitats Classification methodology (UKHab Ltd., 2023) was adopted whereby habitats are mapped using colour codes, whilst also following CIEEM (2017) Guidelines for Preliminary Ecological Appraisal. A detailed walkover survey was undertaken on the 10<sup>th</sup> March 2026 by ecologist Dr Will Barrop, directly searching for legally protected and invasive species of plant and categorising any habitats of ecological value that were encountered. A general description of the vegetation was also noted, listing species encountered and scoring their abundance using the DAFOR scale shown below, whilst recording plant species using the nomenclature according to Stace (2019):

- D Dominant
- A Abundant
- F Frequent
- O Occasional

- R Rare
- L Local (used as a prefix to any of the above)

#### *Limitations and constraints*

- 4.5 The walkover survey was undertaken in March, which is outside of the optimal time of the year to conduct botanical assessments. It is therefore possible that some plant species may have been missed or under recorded. However, given the common and widespread nature of the habitat types present, this was not considered to be a significant limitation, and a sufficient level of botanical information was gathered during the survey to determine the habitats present on site.

#### *Badgers*

- 4.6 A direct search was undertaken for signs of badger. The site, its boundaries, and a 30-metre buffer zone around the site (where access was possible), were surveyed for badger evidence such as setts, latrines, pathways, footprints, snuffle holes and badger fur (English Nature, 2002). The badger survey was undertaken by experienced ecologist Dr Will Barrop on 10<sup>th</sup> March 2026. Any setts encountered were classified according to the number of entrances and the extent of their use as per criteria set out by Harris, Cresswell, and Jefferies (1989).
- 4.7 Motion sensor cameras were deployed on site on the 17<sup>th</sup> December 2025 and again on the 12<sup>th</sup> March 2026 for a period of two weeks. The cameras were positioned focusing on a number of the most actively looking holes on site.

## **5.0 BASELINE**

- 5.1 The site was subject to a desk-based assessment in 2023 and habitat survey conducted by LCES in 2026, updating previous survey data from 2023 and 2018. The key findings are summarised in this section to inform the nature conservation evaluation for each of the Important Ecological Features (EFs) identified.

### **Designated sites**

- 5.2 There are no statutory sites within the boundary of the planning application, although the site is located within an area of high-quality habitats. The Chichester and Langstone Harbours SPA and Ramsar, and the Solent Maritime SAC, all lie approximately 4.3 kilometres to the south-east of the site. Portsmouth Harbour SAC was located 5.3 kilometres from the site, and the site is considered within the 'zone of influence'. The Conservation of Habitats and Species Regulations 2017 (the Regulations) imparts a duty on Local Planning Authorities (competent authorities) to carefully consider whether any proposals may have a significant effect on a National Site Network, either alone or in combination with other plans or projects. A full list of statutory designated sites is provided in appendix III.
- 5.3 Five SSSIs are located within five kilometres, with the nearest site Hook Heath Meadow SSSI located approximately 2.4 kilometres. A full list of designated sites is provided in appendix III.
- 5.4 Non-statutory designated sites include twenty-four Sites of Importance for Nature Conservation (SINC) located within two kilometres. The nearest non-statutory designated site includes Newlands Row and Plant Row Site SINC which lies 0.7 kilometres and Newlands Farm Meadow which lies one kilometre to the south west of the site. Full details are provided in appendix III.
- 5.5 The proposed development could potentially result in indirect adverse effects on these local designated sites. Due to the significant intervening distances and the nature of the site proposals, it is therefore considered highly unlikely that there will be any significant adverse effects on any of the other non-statutory designated sites identified within the study area and these have therefore been scoped out of this assessment.

### **Habitats**

- 5.6 A UK Habitat Classification survey was undertaken by LCES on the 10<sup>th</sup> March 2026. The full habitat descriptions and a UKHabs survey map has been provided in appendix IV, site photographs are provided as appendix V and the condition assessment sheets for each habitat are provided as appendix VI.
- 5.7 The site comprises modified grassland, hedgerow, mixed scrub, broadleaved woodland, scattered trees, ditches, and hardstanding. Descriptions of the habitats encountered during the survey are provided below.

**g4 Modified grassland; 10, 14, 16, 81 106, 502**

- 5.8 Modified grassland was recorded in the open areas across the site and under the canopy of individual trees. In some areas such as along the tarmac pathways modified grassland had been established for several years and generally consisted of a high percentage cover of grasses (averaging 80 to 90% cover). In other areas the modified grassland was more recently established on ground where bramble and mixed scrub removal had been undertaken approximately two years prior. The sward in establishing areas was variable in composition but generally contained a significant proportion of ruderal/ephemeral species (up to 80% of the ground cover). Despite the variable composition of the sward the mosaic of vegetation was intermixed generally without clear boundaries between older and newer areas of sward. The sward across the whole site was fairly uniform in height, between five and ten centimetres with thatch being rare. It is assumed that the grassland is managed with periodic mowing. Bare ground was frequent across the site especially associated with areas of more recent establishing g4 grassland where brash and woodchip were still present on some of the ground surface. Bare ground was also associated with areas of disturbance such as vehicle tyre ruts and pedestrian desire paths which were features over the whole site.
- 5.9 Dominant and abundant species recorded in the sward included creeping bent (*Agrostis stolonifera*), cock's-foot (*Dactylis glomerata*), perennial rye-grass (*Lolium perenne*) and creeping buttercup (*Ranunculus repens*). The ground conditions were waterlogged with species favouring wet grassland being recorded including soft rush (*Juncus effusus*) and water figwort (*Scrophularia auriculata*). A reasonably high number of common and widespread species, especially ruderal species, were recorded in the grassland (see table 3, appendix IV). Most species were only rare or occasional in the sward with a small number of species comprising most of the vegetation cover. An average of four to 10 vascular plant species were recorded per metre<sup>2</sup>.

**h2a5 Species-rich native hedgerows; 11, 116, 519**

- 5.10 A species-rich native hedgerow was recorded along the northern half of the western site boundary, a water filled ditch run through the interior of the hedgerow for its whole length. The northern and southern half of the hedgerow was distinctly different in structure and composition with the northern half having an average height of 1.5 metres, an average width of 2.6 metres and dominated by dense bramble (*Rubus fruticosus* agg) growing over some woody species such as blackthorn (*Prunus spinosa*). The southern half had an average height and width of four metres and was dominated by woody species rather than bramble. Woody species recorded in the entire hedgerow included abundant blackthorn, frequent hawthorn (*Crataegus monogyna*), occasional rose (*Rosa* sp.) and rare field maple (*Acer campestre*), hazel (*Corylus avellana*) and goat willow (*Salix caprea*). Climbers recorded in the hedgerow included locally dominant to abundant

bramble and frequent ivy (*Hedera* sp.). The ground layer was species poor and mainly bare ground, with species recorded included rare lord's-and-ladies (*Arum maculatum*), hedge bedstraw (*Galium mollugo*) and cleavers (*Galium aparine*).

- 5.11 A hedgerow with trees was recorded on the eastern boundary of the site, which had been minimally managed for several years so that it had a near continuous canopy of standard trees to a height of approximately 8 to 10 metres. The woody growth at the base of the hedgerow was patchy in some places. The hedgerow comprised field maple, downy birch (*Betula pubescens*), dogwood (*Cornus sanguinea*), hazel, ash (*Fraxinus excelsior*), blackthorn, pedunculate oak (*Quercus robur*) and goat willow, and rowan (*Sorbus aucuparia*). The field layer comprised climber species including abundant ivy and bramble. Non-native Wilson's honeysuckle (*Lonicera nitida*) was recorded as occasional.

### **h3h Mixed scrub; 519**

- 5.12 Areas of mixed scrub were recorded in patches across the site and considered to have developed by natural regeneration within the last 25 years. The scrub ranged in height with an average height of three to five metres. The scrub was largely unmanaged but recent scrub clearance on the site had significantly reduced the area of scrub on the site. Woody species recorded include locally dominant to occasional cherry plum (*Prunus cerasifera*), abundant hawthorn, frequent blackthorn and willow species, occasional pedunculate oak, and rare honeysuckle (*Lonicera periclymenum*). The ground flora consisted of locally dominant to frequent ivy, frequent bramble, occasional creeping bent, lord's-and-ladies, willowherb species (*Epilobium* sp.), perennial rye-grass, bristly ox-tongue (*Helminthotheca echioides*) and wood dock (*Rumex sanguineus*), and rare remote sedge (*Carex remota*), spear thistle (*Cirsium vulgare*), broad buckler-fern (*Dryopteris dilatata*), hogweed (*Heracleum sphondylium*), common ragwort (*Jacobaea vulgaris*), nipplewort (*Lapsana communis*), ribwort plantain (*Plantago lanceolata*), creeping buttercup, water figwort, sow-thistle species (*Sonchus* sp.), and thyme-leaved speedwell (*Veronica serpyllifolia*), additionally an individual non-native yucca palm (*Yucca* sp.) was recorded.

### **w1g Other broadleaved woodland**

- 5.13 Small patches of varied woodland were recorded on the site. In the southwest of the site and near the northern boundary the woodland comprised a number of semi-mature trees including ash and pedunculate oak which would formerly have been trees in a hedgerow. An understory of regenerating tree and shrub species had developed around these trees including occasional alder (*Alnus glutinosa*), ash, downy birch, honeysuckle, cherry plum (*Prunus cerasifera*), blackthorn, willows and rare wild cherry. A small area of woodland in the southeast of the site comprised predominantly of a canopy of alder with a sparse understory comprising of elder (*Sambucus nigra*) and ash. In the southern end of the woodland the canopy was more diverse where trees had grown from an historical hedgerow with the tree species recorded including abundant ash, frequent hazel

and elder, occasional field maple, and rare alder and holly (*Ilex aquifolium*). Three other small patches of regenerating woodland were recorded composed of only younger trees, approximately up to 25 years old (TN 7, 8 and 9 in appendix IV). Tree species recorded in these woodlands included alder, ash, oak and willows (*Salix* sp.). The ground flora of the woodland was mostly comprised bare ground and generalist species although some specialist woodland species were recorded within the woodland at the south of the plot. Further details of the ground flora composition is reported in appendix IV.

### **w1g Individual trees**

- 5.14 Scattered small to medium size-class trees were recorded across the whole site, all of which have established within approximately the last 25 years. Species recorded include field maple, birch (*Betula* sp.), non-native birch (*Betula* sp. possibly *nigra*), hawthorn, Leyland cypress (*C. × leylandii*), pedunculate oak and goat willow.

### **r1 Ditches; 851**

- 5.15 Two shallow drainage ditches were recorded on the site; one roughly followed the western and northern boundary and the other run approximately from the centre of the southern boundary to the northern half of the eastern boundary. Further details of these ditches and the species recorded in them are given in appendix IV.

### **u1b6 Hardstanding**

- 5.16 Areas of hardstanding on site consist of tarmac footpaths. One footpath runs west to east across the site with another footpath joining the middle of this path to the southern boundary

### **Assessment of habitats**

- 5.17 The results confirmed changes in the distribution of scrub recorded on site, following clearance back in 2023, along with the establishment of woodland patches through the presence of trees and mixed scrub recorded on site, more resembling a broad-leaved woodland stand rather than two separate habitat types. Due to the clearance of bramble scrub, modified grassland has extended in size, however no additional changes were made.
- 5.18 The level of value of these habitats is summarised in table 1 below.

**Table 1: Level of value of habitats recorded within the site**

| IEF                  | Evaluation rationale                                                                                                                                                                                                                              | Value of IEF |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Modified grassland   | This is a common habitat at local, county, and national levels which can support a range of fauna and flora. The grassland on site is considered to be of low botanical value and low to moderate value as an ecological resource for wild fauna. | Local        |
| Hedgerow             | This is a common habitat which can support a range of fauna and flora. The hedgerows on site were primarily assessed as being a UK BAP habitat.                                                                                                   | National     |
| Mixed scrub          | This is a common habitat at local, county, and national levels which can support a range of fauna and flora.                                                                                                                                      | Local        |
| Broadleaved woodland | The woodland on site supports common and widespread species, however habitat holds some ecological value and provides connectivity.                                                                                                               | Local        |
| Scattered trees      | The scattered trees identified on site are common and widespread, however these trees hold some ecological value, as landscape features and in terms of providing ecosystem services.                                                             | Local        |
| Ditch                | This is a common habitat at local, county, and national levels which can support a range of fauna and flora, however there is a lack of any vegetation and water within the ditches on site.                                                      | Local        |

### **Badger**

- 5.19 HBIC returned six records of badgers within two kilometres of the site. Badgers are known to be active within the wider Berewood area. In 2023, a large badger sett containing 16 holes, of which most were only partially used and some disused with approximately three active holes identified on site. In 2026, the sett was confirmed as still active with 21 holes, of which six were disused and 15 were partially used or active. All holes were leading into the bank on the southern boundary, towards the existing housing estate at Forest End.
- 5.20 In 2023 a latrine was recorded with some recent droppings along with a single badger dropping along the northern boundary. A number of mammal paths were recorded throughout the site, along with numerous snuffle holes and several prints. In 2026 mammal paths were recorded leading north from the setts into the open habitats of the site, additionally mammal paths were recorded near and just outside of the northern boundary and near the site boundaries in the southeast of the site. In 2026, two active badger latrines were recorded near the sett entrances, and two old latrines were recorded, one near the northwest boundary and one on a mammal path near the southern boundary, several snuffle holes were recorded in the southern half of the site. In 2023 two foxes were also recorded on site. Maps in appendix VII shows the approximate location of the holes and other badger activity recorded in 2023 and 2026.

- 5.21 Motion sensor cameras were deployed across the site in December 2025 and March 2026 to monitor the sett to determine its use. The footage confirmed the sett is still being used by badger, and as a breeding den for foxes (*Vulpes vulpes*).
- 5.22 Previous monitoring of the site in April and May 2023 confirmed a main breeding sett with the presence of a sow and two cubs recorded on multiple occasions, along with an additional three badgers recorded using the sett.
- 5.23 The results confirmed an additional five holes recorded within the site along the southern boundary, whilst the monitoring surveys confirmed badger are still present.
- 5.24 The presence of a sett located along the southern boundary comprising 21 entrance holes, with 15 active or partially used holes, confirms this IEF is of local value.

## 6.0 DISCUSSION AND RECOMMENDATIONS

- 6.1 The impacts of the proposed development for the IEFs that are of at least local value or subject to legal consideration were discussed within the Ecological Impact Assessment (EclA) (LCES, March 2025). A summary of the impacts has been provided below, noting any variation from the EclA.

### **Construction Phase**

#### **Designated sites**

#### ***Chichester and Langstone Harbours SPA and Ramsar, Portsmouth Harbour SPA, and Solent Maritime SAC***

- 6.2 Taking into account the significant intervening distances between the application site and identified international statutory designated sites, all being located approximately 4.3 kilometres to the south-east of the application site, or further, and the relatively small-scale nature of the proposed development, it is therefore considered highly unlikely that there will be any significant adverse effects on the identified international designated sites during the construction phase.

#### ***Newlands Row and Plant Row SINC, and Newlands Farm Meadow SINC***

- 6.3 Due to the relatively close proximity of the identified non-statutory designated sites, the closest being Newlands Row and Plant Row SINC located approximately 0.7 kilometres to the west, it is considered that there is a minor risk of adverse indirect pollution impacts occurring to these sites during the construction phase. This in turn could have an adverse effect on the condition of the habitats and vegetation communities within the non-statutory designated sites, for example as a consequence of dust deposition, siltation, and/or contamination with man-made chemicals, fuels or other pollutants. The magnitude of any such adverse effects is considered to be low and not significant.
- 6.4 A Construction and Environmental Management Plan (CEMP) will be produced and implemented prior to the construction phase of the project in order to mitigate against potential indirect impacts to the nearby non-statutory designated sites, as well as the surrounding land / local environment. The CEMP will detail specific construction methods and precautionary measures to avoid indirect impacts, this will likely include the following:
- Details of how any building materials, fuels and chemicals will be stored and controlled on site to avoid the risk of pollution and siltation, for example all building materials will be stored appropriately in specific designated areas within the construction site compound to avoid potential pollution incidents and creation of dust.

- Any working plant will be fitted with drip trays in order to avoid potential pollution incidents and refuelling of plant/vehicles will either take place off site or within the construction site compound which will be situated at a safe distance from the locally-designated sites.
- Installation of construction hoarding or Heras fencing along the perimeter of the construction zone to segregate the working area from the surrounding land.
- Details on the proposed construction methodology including factors such as construction access, methods of construction, timing of works, use of lighting and working hours.
- Dust control and suppression methodology.
- Implementation of specific measures to prevent and limit siltation, such as installation of silt fencing, silt wattles and silt mats at key working areas where surface water runoff could be an issue.

## **Habitats**

### ***Modified grassland, mixed scrub, scattered trees and woodland***

- 6.5 The construction works will result in the loss of the existing modified grassland, mixed scrub, scattered trees and woodland. Given the low botanical value of these existing habitats on site, it is therefore concluded that the magnitude of the adverse effect is low and not significant.
- 6.6 The loss of the existing modified grassland, mixed scrub, and scattered trees and woodland on site in order to facilitate the construction phase will be compensated for via a combination of both on-site and off-site contributions. The proposed development layout will include a substantial area of open greenspace in the north of the site, and a buffer zone around the edge of the development, which will comprise a combination of meadow creation, scrub and tree planting, and installation of a SUDs feature (in the north) that will be planted up with a suitable native wetland plant mix. A new native hedgerow will be established on site within the ecological buffer zone. This area of proposed greenspace will also directly link with the adjacent open greenspace to the north of the site. To address the loss of habitat on site and ensure the application delivers a net gain in biodiversity, contributions will be made to the management of off-site SINCs. This will be secured through an agreement with the council.

### ***Hedgerows***

- 6.7 There could be up to 8 metres of hedgerow loss associated with access points into the proposed development. Access points have been located where existing gaps in the hedgerow exist to ensure hedgerow loss and fragmentation is

minimised. The maximum predicted loss would equate to approximately 2.5% of the total hedgerow length on site. There is also the potential for indirect impacts such as pollution and damage to shrubs and trees. It is therefore concluded that the magnitude of the adverse effect is low and not significant.

- 6.8 The mitigation measures to be included within a CEMP, as outlined in section 6.4 above, will ensure that the hedgerows are protected from any adverse pollution impacts during the construction phase as far as reasonably possible.

### ***Ditch***

- 6.9 There will be no habitat loss through the proposed development of the boundary ditches; however, there is the potential for indirect impacts such as pollution. The ditch which runs across the site will be impacted by the proposals but will largely be retained. It is therefore concluded that the magnitude of the adverse effect is low and not significant.
- 6.10 The ditch which crosses the site will be impacted by the development, however it will largely be retained and there will be points where it is bridged. The CEMP will provide details on how the ditch will be protected during the bridge works.

### ***Badger***

- 6.11 The proposed construction works will result in the disturbance to the badger sett and habitat which is known to support foraging and commuting badger. The construction works also pose a minor risk of causing harm to badgers and potentially interfering with a badger sett. Due to the scale of the proposed development and the site's setting adjacent to the Berewood active development zone, the magnitude of the adverse effects is expected to be medium and therefore significant.
- 6.12 The following measures will be implemented on site to safeguard badger from harm throughout the duration of the construction phase:
- Prior to works commencing the working area will be delineated with construction hoarding or Heras fencing which should largely prevent and discourage badger from entering the construction site. A buffer zone of 20 metres around all sett entrances will be applied.
  - A check for any badger activity on site will also be undertaken prior to works commencing.
  - Where possible, excavations will not be left open overnight. However, if excavations are left open at night, then an earth or wooden ramp will be installed to enable any animals that fall in to escape.
  - The work areas will be checked daily to ensure that no animals are trapped.

- Any piping will be capped over-night to prevent animals becoming trapped.
- Dusk and night-time working with the use of flood lights will be strictly forbidden on site during, which may impact these nocturnal species and this will be specified within the CEMP. If there are exceptional circumstances where night working is absolutely essential then an ecologist will be contacted, and a suitable method of works devised so that there is no light spill onto the retained badger sett.
- In the event additional sett entrances are recorded and are within 20 metres of the construction zone, a licence from Natural England will be required to temporarily close the sett(s). A closure of a sett can only be applied for once planning permission has been granted and can only commence between 1<sup>st</sup> July and 30<sup>th</sup> November. The intention is for the sett to remain in-situ and to not close the sett.

### **Operational Phase**

#### **Designated sites**

***Chichester and Langstone Harbours SPA and Ramsar, Solent Maritime SAC, Portsmouth Harbour SPA, Newlands Row and Plant Row SINC, and Newlands Farm Meadow SINC,***

- 6.13 There is potential that the proposed development could result in increased recreational impacts on the identified statutory and non-statutory designated sites, including trampling of sensitive habitats and flora, poaching of the ground from increased footfall, dog fouling, littering, and disturbance of birds and other wild fauna. This could potentially lead to long-term adverse effects such as degradation of vegetation communities and flora, and reduced breeding success and survival rates in populations of wild fauna which use these sites (including citation species). Due to the scale of the proposed development and the site's setting adjacent to the Berewood development zone, as well as the intervening distances between the application site and the majority of the identified designated sites, it is therefore considered that the magnitude of these adverse effects would be moderate, and could be significant.
- 6.14 There is potential that the increase in residential dwellings on site, will lead to an increase in nitrates generated from waste water which can have a detrimental impact to the Solent citation habitats and birds. It is therefore considered that the magnitude of these adverse effects could be high, and would be significant.
- 6.15 The development is located within the 5.6 kilometres impact from recreation zone, and as such must comply with the Solent Recreation Mitigation Strategy (Bird Aware Solent, December 2017). The site does not have the capacity to

provide a Suitable Alternative Natural Greenspace (SANG) and this does not always mitigate for the impacts to the coast which are visited because for the habitats and wildlife present. Therefore, development contributions will be made in accordance with the mitigation strategy. This funding will be used to provide rangers/ wardens, raising awareness and assist in encouraging behavioural change of coastal visitors, assist with managing visitors and provide secure habitats for citation birds in particular, providing and promoting alternative sites which are less sensitive, and monitoring. The developer's contribution will be secured through a legal agreement paid to the local planning authority, and is based on an average price per dwelling (based on a scale in accordance with number of bedrooms and Retail Price Index).

- 6.16 The adjacent Berewood development incorporates a high level of quality green infrastructure, including extensive new nature reserve areas (River Wallington and Newlands Farm), recreational spaces and facilities, sports pitches, children's play areas, and an extensive network of quality footpaths. These elements of the adjacent scheme will divert recreational pressures, especially dog walking, away from both the identified statutory European protected sites (Chichester and Langstone Harbours SPA and Ramsar, Portsmouth Harbour SPA and Solent Maritime SAC) and the non-statutory local designated sites (Newlands Row and Plant Row SINC, and Newlands Farm Meadow SINC). There will also be information leaflets provided to all new homeowners on the site to inform them about the local recreational areas, facilities and walking routes that are available across within Berewood. It is considered that these measures will effectively mitigate the risks of any long-term adverse indirect impacts on identified designated sites during the operation phase of the development to an acceptable level.
- 6.17 The development once operational needs to demonstrate that it is nutrient neutral. This can be achieved by the developer buying 'nitrate credits' from nearby landowners who have changed their land managing practices which will reduce the level of nutrients reaching the Solent.
- 6.18 A nutrient budget has been prepared for the outline application that shows a total of 49.12kg of nitrogen will be generated by the scheme once all units are occupied compared to the baseline conditions. At the present time it is anticipated that the required mitigation will be delivered through the purchase of nutrient credits from an off-site provider located within the East Hampshire Rivers catchment.
- 6.19 Further reserved matters applications will be required to enable the residential elements to be delivered and, in accordance with Habitat Regulations, an updated nutrient calculator and full details of the mitigation proposed will be supplied to the competent authority at that time. A more detailed reserved matters application may allow the SUDS scheme within the application to deliver some on-site mitigation through nutrient stripping of post-development surface water run-off; at this stage the full details of the final SUDS system is not known

so no allowance for on-site treatment has been included in the submitted calculations.

### **Badger**

- 6.20 When operational, the proposed development could potentially have a long-term adverse impact on badgers as a result of habitat loss and the local expansion of residential development and urban infrastructure. The identified badger sett and commuting and foraging activity on site would be displaced to other areas of suitable habitat in the locality and this may cause disruption to the typical foraging and dispersal behaviours of the local badger populations. An increase in local vehicle traffic associated with the development may also pose an increased risk of direct harm occurring to individual badgers in the area (road traffic collisions with badgers). These impacts could in-turn have adverse effects on the local badger populations, including reduced breeding success and survival rates. Taking into account the scale of the proposed development, and the nature of the existing habitats available on site for badger, the magnitude of any such adverse effects is expected to be medium and therefore significant.
- 6.21 The proposed on-site habitat creation and the off-site habitat across the adjacent Berewood development area will ensure that there is a suitable level of good quality habitat available for badgers within the locality during the operational phase. It is considered that the on-site habitat creation and enhancement measures will suitably off-set the loss of the existing badger habitat present on site resulting from the development in the long-term, and will ensure that connectivity of optimal habitats for badger within the local landscape is maintained and strengthened.
- 6.22 The enhancement measures to the boundary will provide suitable foraging habitat for badger and ensure that access to the retained sett can be used with connectivity across the site to off-site habitats in the north and south.
- A 20 metre buffer will be provided around all plotted sett entrances (used or disused).
  - A 10 metre buffer from the sett entrance will be fenced and planted with a native hedgerow to protect the sett from disturbance once the site is developed. The area within the 10 metre buffer will either be left as is, or cleared of bramble and planted with native trees and shrubs with a high proportion of prickly shrubs including holly, blackthorn, dog rose, bramble and hawthorn (*Crataegus monogyna*). Fruit trees would also be planted.
  - The 10 to 20 metre buffer would be accessible to residents as informal open space. It would be a mix of semi-natural grassland, flowering lawn and native trees and shrubs including fruit trees, to provide a seasonal food source for badgers.

## **7.0 CONCLUSION**

- 7.1 Update UK Habitat Classification and badger surveys were conducted on site in March 2026. The results confirmed changes in the distribution of scrub recorded on site, following clearance back in 2023, along with the establishment of woodland patches through the presence of trees and mixed scrub recorded on site, more resembling a broad-leaved woodland stand rather than two separate habitat types. Badger were also still confirmed to be present using the sett in along the southern boundary.
- 7.2 Mitigation measures detailed within this report and the EcIA (LCES March 2025) are still considered to be valid and implementing these mitigation measures will ensure that there are not any residual effects. The proposed development and associated ecological mitigation and enhancement measures is expected to result in an overall long-term positive effect (not significant) on biodiversity and the ecological features identified during this assessment.
- 7.3 These surveys are valid for 18 months from completion and should the works be delayed past this time then an updated survey will be required.

## 8.0 REFERENCES

Biodiversity by Design Ltd (2010a) *Newlands Environmental Statement, Chapter 9: Biodiversity*.

Biodiversity by Design Ltd (2010b) *Evidence to inform a Habitats Regulations Assessment Screening for the Proposed Newlands Development, Waterloooville*.

Bird Solent Aware (2017) *Solent Recreation Mitigation Strategy*

CIEEM (2018) *Guidelines for Ecological Impact Assessment in the UK and Ireland: Terrestrial, Freshwater and Coastal*, Version 1.3. Chartered Institute of Ecology and Environmental Management, Winchester

Department for Communities and Local Government (2005). Circular 06/2005: Biodiversity and Geological Conservation – Statutory Obligations and their Impact within the Planning System.

English Nature (2002) *Badgers and Development*, English Nature, Peterborough.

Harris, S., Cresswell, P. and Jefferies, D. (1989) *Surveying Badgers*. An occasional publication of The Mammal Society - No 9, London.

Hampshire Biological Information Centre (2023) *Data search for Blue Star Land, Berewood*

Havant Borough Council (2011). *Havant Borough Core Strategy Local Development Framework March 2022*

Havant Borough Council (2014). *Havant Borough Local Plan (Allocations) Adopted Version (July 2014)*

LC Ecological Services Ltd (2025) *Ecological Impact Assessment – Blue Star Land, Berewood Development, Waterloooville*.

Lindsay Carrington Ecological Services Ltd (2018) *Ecological appraisal and phase 2 surveys – Blue Star Land, Berewood*

Ministry of Housing, Countryside & Local Government (2024), *National Planning Policy Framework*, London

Multi-Agency Geographical Information for the Countryside (MAGIC) Website at <http://www.natureonthemap.naturalengland.org.uk/MagicMap.aspx>, accessed 14.04.2023

## APPENDIX I: Site location plan



## APPENDIX II: Site proposals





## APPENDIX III: Designated sites and protected and notable species results

**Table 2: Statutory sites within 5 kilometres and non-statutory designated sites located within 2 kilometres of Land at Berewood.**

| Site name                         | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|---------------------|---------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solent Maritime                   | SAC <sup>1</sup>    | 4.3 south                             | 165300    | The Solent encompasses a major estuarine system on the south coast of England. Designated for its estuary, salt meadow, coastal lagoons, mudflats. Qualifying species includes Desmoulin's whorl snail ( <i>Vertigo moulinsiana</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Chichester and Langstone Harbours | SPA <sup>2</sup>    | 4.3 south-east                        | 5,810     | The SPA qualifies under Article 4.1 for breeding little tern ( <i>Sterna albifrons</i> ) and sandwich tern ( <i>Sterna sandvicensis</i> ), little egret ( <i>Egretta garzetta</i> ) and overwintering bar-tailed godwit ( <i>Limosa lapponica</i> ). This site also qualifies under Article 4.2 for passage ringed plover ( <i>Charadrius hiaticula</i> ), overwintering black-tailed godwit ( <i>Limosa limosa islandica</i> ), dark-bellied brent goose ( <i>Branta bernicla bernicla</i> ), dunlin ( <i>Calidris alpina alpina</i> ), grey plover ( <i>Pluvialis squatarola</i> ), redshank ( <i>Tringa totanus</i> ) and an assemblage of international importance. |

---

<sup>1</sup> SAC: Special Area of Conservation

<sup>2</sup> SPA: Special Protection Area

| Site name          | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                                                                                                                                                                                                                                |
|--------------------|---------------------|---------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | Ramsar <sup>3</sup> | 4.3 south-east                        | 5,810     | Chichester Harbour comprises extensive mud and sandflats that are exposed at low tide. The site is designated as a wetland of international importance and is of particular significance for wintering wildfowl and waders as well as breeding birds both within the Harbour and in the surrounding permanent pasture fields and woodlands.        |
| Portsmouth Harbour | SPA                 | 5.3 south west                        | 1249.6    | Qualified under Article 4.2 of the Birds Directive by supporting internationally or nationally important wintering populations of migratory waterfowl, dark-bellied geese, red-breasted merganser ( <i>Mergus serrator</i> ), black-tailed godwit and dunlin.                                                                                      |
| Hook Heath Meadows | SSSI <sup>4</sup>   | 2.4 south-west                        | 5.9       | Hook Heath Meadows comprise an intimate mixture of woodland and agriculturally unimproved acid pasture lying within a shallow river valley over London Clays. Many of the habitats present are now rare in lowland Britain through agricultural intensification. Their close juxtaposition here is of particular value as an invertebrate habitat. |

<sup>3</sup> Ramsar: Internationally important wetland site

<sup>4</sup> SSSI: Site of Special Scientific Interest

| Site name         | Conservation status   | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------|---------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lye Heath Marsh   | SSSI                  | 2.9 south-west                        | 4.4       | Lye Heath Marsh supports the following habitats including a mixture of basic flushes, unimproved grassland, alder woodland and dense hedgerows, which combine to form a now rare association of individually restricted habitats.                                                                                                                                                                                                                   |
| Portsmouth        | SSSI                  | 3.4 south-west                        | 69.15     | Portsmouth is notified for its geological importance.                                                                                                                                                                                                                                                                                                                                                                                               |
| Langstone Harbour | SSSI                  | 4.1 south                             | 2,069     | A tidal basin with extensive mudflats, marshland and reedbeds supporting internationally important numbers of overwintering waders.                                                                                                                                                                                                                                                                                                                 |
| Catherington Down | SSSI LNR <sup>5</sup> | 4.7 north east                        | 12.83     | Catherington Down is an area of chalk grassland and narrow fringing woodland. The grasslands support numerous insect species that help to pollinate flowers. Chalk grasslands that contain a rich variety of plant species, which in turn support numerous insect species, like butterflies, that help to pollinate flowers. The terraces that occur on Catherington Down are actually an ancient farming system dating back to the medieval times. |

<sup>5</sup> LNR: Local Nature Reserve

| Site name          | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|---------------------|---------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazelton Common    | LNR                 | 2.9 north-east                        | 17.45     | A large area of heathland, mixed scrub and wooded dells with ponds and wetland area, supporting many species of reptile, dragonfly and other invertebrates. Bracken ( <i>Pteridium aquilinum</i> ) has spread in some areas, a few patches of heather ( <i>Calluna vulgaris</i> ) survive, mostly mixed with extensive areas of gorse ( <i>Ulex</i> sp.) where there is a good breeding population of stonechats ( <i>Saxicola torquata</i> ). |
| Yeoll's Copse      | LNR                 | 3.4 north-east                        | 5.48      | A precious fragment of ancient woodland with a small wetland area on the north side and now surrounded on three sides by housing development. Unusual plants include common cow wheat ( <i>Melampyrum pratense</i> ) and butcher's broom ( <i>Ruscus aculeatus</i> ).                                                                                                                                                                          |
| Dell Piece West    | LNR                 | 3.7 north-east                        | 4.06      | Well-wooded borders, unimproved grassland, damp marshy ground and a large shallow pond provides habitat for a rich variety of wildlife that includes various butterflies, dragonflies and reptiles.                                                                                                                                                                                                                                            |
| Farlington Marshes | LNR                 | 4.2 south-east                        | 119.68    | Farlington marshes comprise grazed wildflower rich-marshes. The site is internationally important for bird populations, and is a popular location for observing butterflies.                                                                                                                                                                                                                                                                   |

| Site name                    | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                  |
|------------------------------|---------------------|---------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|
| Newlands Row and Plant Row   | SINC <sup>6</sup>   | 0.7 west                              | 5.35      | Ancient semi-natural woodlands. A site that supports hazel dormouse ( <i>Muscardinus avellanarius</i> ) populations.                 |
| Newlands Farm Meadow         | SINC                | 1.0 south west                        | 3.75      | Semi improved grassland which retain a significant element of unimproved grassland.                                                  |
| Outhurst/Inhurst/Beech Woods | SINC                | 1.19 east                             | /         | Ancient semi-natural woodlands.                                                                                                      |
| Stakes Coppice Remnant 6     | SINC                | 1.2 east                              | 0.28      | Surviving semi-natural ancient woodland. This site has a significant element of ancient semi-natural woodland surviving.             |
| Stakes Coppice Remnant 5     | SINC                | 1.2 east                              | 0.53      | Surviving semi-natural ancient woodland. This site has a significant element of ancient semi-natural woodland surviving.             |
| Stakes Coppice Remnant 4     | SINC                | 1.2 east                              | 0.63      | Surviving semi-natural ancient woodland. This site has a significant element of ancient semi-natural woodland surviving.             |
| Stakes Coppice Remnant 2     | SINC                | 1.2 east                              | 0.67      | Surviving semi-natural ancient woodland. This site has a significant element of ancient semi-natural woodland surviving.             |
| Stakes Coppice Remnant 7     | SINC                | 1.2 east                              | /         | Ancient semi-natural woodlands.                                                                                                      |
| Alsfordmoor Coppice          | SINC                | 1.3 south west                        | 5.66      | Woodland where there is a significant element of ancient semi-natural woodland surviving. They comprise important community types of |

<sup>6</sup> SINC: Site of Importance for Nature Conservation

| Site name                          | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                                                                  |
|------------------------------------|---------------------|---------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                     |                                       |           | restricted distribution in the County, such as yew ( <i>Taxus baccata</i> ) woods and alder ( <i>Alnus glutinosa</i> ) swamp woods. A site that supports hazel dormouse populations. |
| Pound Coppice Remnant              | SINC                | 1.4 west                              | 1.23      | Woodland where there is a significant element of ancient semi-natural woodland surviving. A site that supports hazel dormouse populations.                                           |
| Purbrook Heath                     | SINC                | 1.5 south west                        | 3.4       | Agriculturally unimproved grasslands. A site that supports hazel dormouse populations.                                                                                               |
| Sheepwash/Tattle/Dunsland Coppices | SINC                | 1.5 west                              | 20.06     | Ancient semi-natural woodlands. A site that supports hazel dormouse populations.                                                                                                     |
| Park Wood, Havant                  | SINC                | 1.6 north east                        | 2.60      | Ancient semi-natural woodlands.                                                                                                                                                      |
| Piper's Hill Wood                  | SINC                | 1.6 north west                        | 1.96      | Ancient semi-natural woodlands.                                                                                                                                                      |
| Frank's Coppice                    | SINC                | 1.6 south east                        | 1.78      | Woodland where there is a significant element of ancient semi-natural woodland surviving.                                                                                            |
| Beech Wood East                    | SINC                | 1.6 east                              | /         | Ancient semi-natural woodlands and surviving semi-natural ancient woodland.                                                                                                          |
| The Queen's Inclosure              | SINC                | 1.7 north east                        | 40.27     | Ancient semi-natural woodlands.                                                                                                                                                      |
| Drivetts Complex                   | SINC                | 1.7 south west                        | 63.70     | Ancient semi-natural woodlands.                                                                                                                                                      |

| Site name                            | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                                                                                                                                                                                                                                                                     |
|--------------------------------------|---------------------|---------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Newlease Copse, Havant               | SINC                | 1.7 south east                        | 1.74      | Ancient semi-natural woodlands.                                                                                                                                                                                                                                                                         |
| Sandy Dell                           | SINC                | 1.72 south                            | 1.29      | Designated green space comprising of grassy areas, woodland and streams.                                                                                                                                                                                                                                |
| Gundymoor Wood (Main)                | SINC                | 1.76 south east                       | /         | Ancient semi-natural woodlands.                                                                                                                                                                                                                                                                         |
| Gundymoor Wood (West)                | SINC                | 1.79 south east                       | /         | Ancient semi-natural woodlands and they comprise important community types of restricted distribution in the County, such as yew woods and alder swamp woods.                                                                                                                                           |
| Johnston's Coppice                   | SINC                | 1.86 south east                       | 8.07      | Small urban woodland confirmed to support hazel dormouse. This site also supports a pond and reed areas.                                                                                                                                                                                                |
| London Road Fen                      | SINC                | 1.9 south                             | 1.91      | They comprise important community types of restricted distribution in the County, such as yew woods and alder swamp woods. Fens, flushes, seepages, springs, inundation grasslands etc. that support a flora and fauna characteristic of unimproved and waterlogged (seasonal or permanent) conditions. |
| Meadows Adjacent to Johnston's Copse | SINC                | 1.9 south east                        | /         | Ancient semi-natural woodlands. Semi improved grassland which retain a significant element of unimproved grassland. Fens, flushes, seepages, springs and inundation grassland of floodplain that                                                                                                        |

| Site name                | Conservation status | Distance and direction from site (km) | Size (Ha) | Habitat description                                        |
|--------------------------|---------------------|---------------------------------------|-----------|------------------------------------------------------------|
|                          |                     |                                       |           | support a flora and fauna of less improved wet conditions. |
| Neville's Park West Wood | SINC                | 1.9 south east                        | /         | Surviving semi-natural ancient woodland.                   |

**Table 3: Protected and notable species within 2 kilometres of Blue Star Land at Berewood provided by HBIC.**

| Common Name                    | Scientific name           | Status                                                  | Dates                                  |
|--------------------------------|---------------------------|---------------------------------------------------------|----------------------------------------|
| <b>Amphibians and Reptiles</b> |                           |                                                         |                                        |
| Slow-worm                      | <i>Anguis fragilis</i>    | Schedule 5 WCA <sup>7</sup> , UKBAP <sup>8</sup>        | 7 records dated between 2010 and 2018. |
| Common toad                    | <i>Bufo bufo</i>          | UKBAP                                                   | 2 records dated 2012                   |
| Grass snake                    | <i>Natrix helvetica</i>   | Schedule 5 WCA, UKBAP                                   | 2 records dated 2012                   |
| Great crested newt             | <i>Triturus cristatus</i> | Habs Regs <sup>9</sup> Annex II, Schedule 5 WCA, UK BAP | 8 records dated between 2008 and 2015. |
| Common lizard                  | <i>Zootoca vivipara</i>   | Schedule 5 WCA, UKBAP                                   | 1 record dated 2012                    |
| <b>Birds</b>                   |                           |                                                         |                                        |
| Lesser redpoll                 | <i>Acanthis cabaret</i>   | Red List BoCC <sup>10</sup> , UK BAP                    | 5 records dated between 2010 and 2020. |
| Goshawk                        | <i>Accipiter gentilis</i> | Schedule 1 WCA                                          | 1 record dated 2020                    |
| Skylark                        | <i>Alauda arvensis</i>    | Red List BoCC, UK BAP                                   | 4 records dated between 2008 and 2020. |
| Kingfisher                     | <i>Alcedo atthis</i>      | Schedule 1 WCA, Annex 1 <sup>11</sup> , Amber List BoCC | 7 records between 2008 and 2020.       |

<sup>7</sup> WCA: The Wildlife and Countryside Act 1981 (as amended)

<sup>8</sup> UKBAP: UK Biodiversity Action Plan

<sup>9</sup> Habs Regs: Conservation of Habitats and Species Regulations 2010

<sup>10</sup> BoCC: Birds of Conservation Concern

<sup>11</sup> Annex 1 of the Birds Directive

| Common Name               | Scientific name                      | Status                                 | Dates                                   |
|---------------------------|--------------------------------------|----------------------------------------|-----------------------------------------|
| Swift                     | <i>Apus apus</i>                     | Red listed Bocc                        | 2 records dated between 2012 and 2016   |
| Brent goose               | <i>Branta bernicla</i>               | Amber List BoCC, UK BAP                | 3 records dated between 2008 and 2014.  |
| Ringed plover             | <i>Charadrius hiaticula</i>          | Red listed BoCC                        | 1 record dated 2020                     |
| Black-headed gull         | <i>Chroicocephalus ridibundus</i>    | Amber listed BoCC                      | 8 records dated between 2008 and 2020   |
| Hawfinch                  | <i>Coccothraustes coccothraustes</i> | Red listed BoCC                        | 1 record dated 2017                     |
| Lesser spotted woodpecker | <i>Dryobates minor</i>               | Red listed BoCC                        | 1 record dated 2020                     |
| Little egret              | <i>Egretta garzetta</i>              | Annex 1                                | 26 records dated between 2008 and 2020. |
| Yellowhammer              | <i>Emberiza citrinella</i>           | Red List BoCC                          | 7 records dated between 2011 and 2020   |
| Reed bunting              | <i>Emberiza schoeniclus</i>          | Amber List BoCC, UK BAP                | 1 record dated 2015.                    |
| Peregrine                 | <i>Falco peregrinus</i>              | Schedule 1 WCA, Annex 1, Red List BoCC | 11 records dated between 2008 and 2020. |
| Hobby                     | <i>Falco subbuteo</i>                | Schedule 1 WCA                         | 10 records dated between 2008 and 2020. |
| Brambling                 | <i>Fringilla montifringilla</i>      | Schedule 1 WCA                         | 1 record dated 2008.                    |
| Snipe                     | <i>Gallinago gallinago</i>           | Amber listed BoCC                      | 1 record dated 2010                     |
| Oystercatcher             | <i>Haematopus ostralegus</i>         | Amber List BoCC                        | 2 records dated between 2008 and 2020   |
| Mediterranean gull        | <i>Ichthyaeus melanocephalus</i>     | Amber List BoCC                        | 92 records between 2008 and 2020        |
| Herring gull              | <i>Larus argentatus</i>              | Red List BoCC, UK BAP                  | 8 records dated between 2010 and 2020.  |
| Lesser black-backed gull  | <i>Larus fuscus</i>                  | Amber List BoCC                        | 5 records dated between 2012 and 2020.  |
| Great black-backed gull   | <i>Larus marinus</i>                 | Amber List BoCC                        | 6 records dated between 2009 and 2020.  |

| Common Name        | Scientific name                | Status                                   | Dates                                   |
|--------------------|--------------------------------|------------------------------------------|-----------------------------------------|
| Linnet             | <i>Linaria cannabina</i>       | Red List BoCC, UK BAP                    | 8 records dated between 2009 and 2020.  |
| Common crossbill   | <i>Loxia curvirostra</i>       | Schedule 1 WCA                           | 5 records dated between 2008 and 2013.  |
| Woodlark           | <i>Lullula arborea</i>         | Schedule 1 WCA, Annex 1, UK BAP          | 1 record dated 2020                     |
| Nightingale        | <i>Luscinia megarhynchos</i>   | Red List BoCC                            | 2 records dated between 2011 and 2015   |
| Red kite           | <i>Milvus milvus</i>           | Schedule 1 WCA, Annex 1                  | 35 records dated between 2008 and 2020. |
| Grey wagtail       | <i>Motacilla cinerea</i>       | Red List BoCC                            | 21 records dated between 2008 and 2020  |
| Yellow wagtail     | <i>Motacilla flava</i>         | Red List BoCC, UK BAP                    | 4 records dated between 2010 and 2020   |
| Spotted flycatcher | <i>Muscicapa striata</i>       | Red List BoCC, UK BAP                    | 1 record dated 2014                     |
| Curlew             | <i>Numenius arquata</i>        | Red List BoCC, UK BAP                    | 1 record dated 2020                     |
| Whimbrel           | <i>Numenius phaeopus</i>       | Schedule 1 WCA, Red List BoCC            | 1 record dated 2010                     |
| Wheatear           | <i>Oenanthe oenanthe</i>       | Amber List BoCC                          | 2 records dated between 2010 and 2011   |
| Osprey             | <i>Pandion haliaetus</i>       | Schedule 1 WCA, Annex 1, Amber List BoCC | 3 records dated between 2013 and 2020.  |
| House sparrow      | <i>Passer domesticus</i>       | Red List BoCC, UK BAP                    | 12 records dated between 2011 and 2020. |
| Redstart           | <i>Phoenicurus phoenicurus</i> | Amber List BoCC                          | 2 records dated between 2011 and 2018   |
| Marsh tit          | <i>Poecile palustris</i>       | Red List BoCC, UK BAP                    | 11 records dated between 2013 and 2020. |
| Firecrest          | <i>Regulus ignicapillus</i>    | Schedule 1 WCA,                          | 7 records dated between 2013 and 2020   |
| Woodcock           | <i>Scolopax rusticola</i>      | Red List BoCC                            | 2 records dated 2012                    |
| Common tern        | <i>Sterna hirundo</i>          | Amber listed BoCC                        | 1 record dated 2020                     |

| Common Name                        | Scientific name              | Status                                                                                                 | Dates                                   |
|------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Starling                           | <i>Sturnus vulgaris</i>      | Red List BoCC, UK BAP                                                                                  | 19 records dated between 2011 and 2020. |
| Greenshank                         | <i>Tringa nebularia</i>      | Schedule 1 WCA, Amber List BoCC                                                                        | 1 record dated 2020.                    |
| Green sandpiper                    | <i>Tringa ochropus</i>       | Schedule 1 WCA, Amber List BoCC                                                                        | 2 records dated between 2019 and 2020.  |
| Redwing                            | <i>Turdus iliacus</i>        | Schedule 1 WCA, Red List BoCC                                                                          | 10 records dated between 2008 and 2020. |
| Song thrush                        | <i>Turdus philomelos</i>     | Red List BoCC, UK BAP                                                                                  | 11 records dated between 2011 and 2020. |
| Fieldfare                          | <i>Turdus pilaris</i>        | Schedule 1 WCA, Red List BoCC                                                                          | 6 records dated between 2011 and 2019   |
| Ring ouzel                         | <i>Turdus torquatus</i>      | Red List BoCC                                                                                          | 1 record dated 2019                     |
| Mistle thrush                      | <i>Turdus viscivorus</i>     | Red List BoCC                                                                                          | 2 records dated between 2013 and 2020   |
| Barn owl                           | <i>Tyto alba</i>             | Schedule 1 WCA                                                                                         | 3 records dated 2013.                   |
| Lapwing                            | <i>Vanellus vanellus</i>     | Red List BoCC, UK BAP                                                                                  | 2 records dated 2020                    |
| <b>Invertebrates - Blattaria</b>   |                              |                                                                                                        |                                         |
| Dusky cockroach                    | <i>Ectobius lapponicus</i>   | Red listed GB post 2001                                                                                | 1 record dated 2012                     |
| <b>Invertebrates - Coleoptera</b>  |                              |                                                                                                        |                                         |
| Stag beetle                        | <i>Lucanus cervus</i>        | Annex II (non-priority)                                                                                | 13 records dated between 2006 and 2019. |
| <b>Invertebrates - Lepidoptera</b> |                              |                                                                                                        |                                         |
| Silver-washed fritillary           | <i>Argynnis paphia</i>       | HBAP <sup>12</sup>                                                                                     | 9 records dated between 2010 and 2019.  |
| Small heath                        | <i>Coenonympha pamphilus</i> | Section 41 species of principal importance under NERC Act. Butterfly Conservation high, UK BAP Species | 1 record dated 2018                     |

<sup>12</sup> Hampshire Biodiversity Action Plan species

| Common Name                     | Scientific name                   | Status                                       | Dates                                    |
|---------------------------------|-----------------------------------|----------------------------------------------|------------------------------------------|
| White admiral                   | <i>Limenitis camilla</i>          | IUCN GB 2001 VU <sup>13</sup>                | 3 records dated between 2009 and 2018.   |
| <b>Invertebrates – Mollusca</b> |                                   |                                              |                                          |
| Large Black Slug                | <i>Arion (Arion) ater</i>         | IUCN GB 2001 VU <sup>14</sup>                | 2 records dated 2012                     |
| <b>Invertebrates – Odonata</b>  |                                   |                                              |                                          |
| Common Darter                   | <i>Sympetrum striolatum</i>       | IUCN GB 2001 VU <sup>15</sup>                | 7 records dated between 2008 and 2019    |
| <b>Mammals – bats</b>           |                                   |                                              |                                          |
| Serotine                        | <i>Eptesicus serotinus</i>        | Schedule 2 Habs Regs, Schedule 5 WCA         | 9 records dated between 1982 and 2021.   |
| Myotis species                  | <i>Myotis sp.</i>                 | Schedule 2 Habs Regs, Schedule 5 WCA         | 19 records dated between 2011 and 2020   |
| Alcathoe bat                    | <i>Myotis alcathoe</i>            | Schedule 2 Habs Regs, Schedule 5 WCA         | 1 record dated 2018                      |
| Bechstein's                     | <i>Myotis bechsteinii</i>         | Schedule 2 Habs Regs, Schedule 5 WCA         | 1 record dated 2015                      |
| Brandt's                        | <i>Myotis brandtii</i>            | Schedule 2 Habs Regs, Schedule 5 WCA         | 3 records dated between 2018 and 2020    |
| Whiskered bat                   | <i>Myotis mystacinus</i>          | Schedule 2 Habs Regs, Schedule 5 WCA         | 4 records dated between 2005 and 2021    |
| Whiskered/Brandt's bat          | <i>Myotis mystacinus/brandtii</i> | Schedule 2 Habs Regs, Schedule 5 WCA         | 1 record dated 2005.                     |
| Natterer's                      | <i>Myotis nattereri</i>           | Schedule 2 Habs Regs, Schedule 5 WCA         | 9 records dated between 2011 and 2019    |
| Noctule                         | <i>Nyctalus noctula</i>           | Schedule 2 Habs Regs, Schedule 5 WCA, UK BAP | 14 records dated from 1982 to 2019.      |
| Pipistrelle species             | <i>Pipistrellus sp.</i>           | Schedule 2 Habs Regs, Schedule 5 WCA         | 24 records dated between 1985 and 2013.  |
| Common pipistrelle              | <i>Pipistrellus pipistrellus</i>  | Schedule 2 Habs Regs, Schedule 5 WCA         | 151 records dated between 1982 and 2021. |

<sup>13</sup> Vulnerable

<sup>14</sup> Vulnerable

<sup>15</sup> Vulnerable

| Common Name                             | Scientific name                      | Status                                       | Dates                                   |
|-----------------------------------------|--------------------------------------|----------------------------------------------|-----------------------------------------|
| Soprano pipistrelle                     | <i>Pipistrellus pygmaeus</i>         | Schedule 2 Habs Regs, Schedule 5 WCA, UK BAP | 32 records dated between 2009 and 2021. |
| Long-eared species                      | <i>Plecotus sp.</i>                  | Schedule 2 Habs Regs, Schedule 5 WCA         | 2 records dated between 2013 and 2017   |
| Brown long-eared                        | <i>Plecotus auritus</i>              | Schedule 2 Habs Regs, Schedule 5 WCA         | 20 records dated between 1982 and 2020. |
| Parti-coloured                          | <i>Vespertilio murinus</i>           | Schedule 2 Habs Regs, Schedule 5 WCA         | 1 record dated 2014                     |
| <b>Mammals – Terrestrial (non-bats)</b> |                                      |                                              |                                         |
| West European hedgehog                  | <i>Erinaceus europaeus</i>           | UK BAP                                       | 32 records dated between 2007 and 2020  |
| Eurasian badger                         | <i>Meles meles</i>                   | PBA <sup>16</sup>                            | 3 records dated between 2008 and 2017.  |
| Hazel dormouse                          | <i>Muscardinus avellanarius</i>      | UK BAP, Schedule 5 WCA                       | 22 records dated between 2008 and 2019. |
| <b>Invasive plants</b>                  |                                      |                                              |                                         |
| Montbretia                              | <i>Crocasmia x crocosmifolia</i>     | Schedule 9 WCA                               | 6 records dated between 2014-2019       |
| Nuttall's waterweed                     | <i>Elodea nuttallii</i>              | Schedule 9 WCA                               | 2 records dated 2004 and 2014.          |
| Japanese knotweed                       | <i>Fallopia japonica</i>             | Schedule 9 WCA                               | 9 records dated between 2007 and 2014.  |
| Indian balsam (Himalayan balsam)        | <i>Impatiens glandulifera</i>        | Schedule 9 WCA                               | 4 records dated between 2007 and 2011.  |
| Yellow variegated archangel             | <i>Lamium galeobdolon argentatum</i> | Schedule 9 WCA                               | 2 records dated 1998 and 2010.          |
| Virginia-creeper                        | <i>Parthenocissus quinquefolia</i>   | Schedule 9 WCA                               | 1 record dated 2013.                    |
| Rhododendron                            | <i>Rhododendron ponticum</i>         | Schedule 9 WCA                               | 3 records dated between 1991 and 2001.  |
| Three cornered garlic                   | <i>Allium triquetrum</i>             | Schedule 9 WCA                               | 7 records dated between 2003-2021       |

<sup>16</sup> Protection of Badgers Act

Grainger Plc  
Ecology report – Blue Star Land, Berewood

---

| Common Name      | Scientific name               | Status         | Dates            |
|------------------|-------------------------------|----------------|------------------|
| Mexican fleabane | <i>Erigeron karvinskianus</i> | Schedule 9 WCA | 1 record in 2019 |
| Curly waterweed  | <i>Lagarosiphon major</i>     | Schedule 9 WCA | 1 record in 2021 |

## APPENDIX IV: UKHab survey

### Methodology

A detailed walkover habitat survey of the site was undertaken by LCES on 10<sup>th</sup> March 2026. The habitat types present on site were recorded and mapped following the UKHab methodology (UKHab Ltd, 2023) which uses a system of codes to categorize and describe habitat types. The habitats were classified and evaluated according to their vegetative composition, species abundances (using the DAFOR scale) and general condition, as well as environmental parameters such as soil type, soil moisture content (dampness), altitude and aspect. The full results of the UKHab survey are provided below, for each habitat type recorded the primary habitat code and name is given (in bold text) together with a list of any relevant secondary habitat codes (following a semi-colon). A habitat map of the site is provided as figure 1 below, photographs of the habitats and features recorded on site are included as appendix V.

### Results

#### *Site overview*

The site was an historical field which had been largely unmanaged for approximately 25 years resulting in the growth of extensive bramble scrub as well as mixed scrub and regenerating woodland. Approximately two years prior to the survey the extensive bramble scrub on the site was cleared and the resulting open space was regenerating modified grassland, remaining patches of woodland, scrub and individual trees were recorded throughout the site. Additionally, two hedgerows and two drainage ditches were recorded.

#### ***g4 Modified grassland; 10, 14, 16, 81 106, 502 (Target note 1 & 2)***

Modified grassland was recorded in the open areas across the site and under the canopy of individual trees. In some areas such as along the tarmac pathways (TN1) modified grassland had been established for several years and generally consisted of a high percentage cover of grasses (averaging 80-90% cover). In other areas the modified grassland was more recently established on ground where bramble and mixed scrub removal had been undertaken approximately two years prior (TN2). The sward in establishing areas was variable in composition but generally contained a significant proportion of ruderal/ephemeral species (up to 80% of the ground cover). Despite the variable composition of the sward the mosaic of vegetation was intermixed generally without clear boundaries between older and newer areas of sward. The sward across the whole site was fairly uniform in height, between five and ten centimetres with thatch being rare, it is assumed that the grassland is managed

with periodic mowing. Bare ground was frequent across the site especially associated with areas of more recent establishing g4 grassland where brash and woodchip were still present on some of the ground surface. Bare ground was also associated with areas of disturbance such as vehicle tyre ruts and pedestrian desire paths which were features over the whole site.

Dominant and abundant species recorded in the sward were creeping bent (*Agrostis stolonifera*), cock's-foot (*Dactylis glomerata*), perennial rye-grass (*Lolium perenne*) and creeping buttercup (*Ranunculus repens*). The ground conditions were waterlogged with species favouring wet grassland being recorded including soft rush (*Juncus effusus*) and water figwort (*Scrophularia auriculata*). A reasonably high number of common and widespread species, especially ruderal species, were recorded in the grassland (see table 3). Most species were only rare or occasional in the sward with a small number of species comprising most of the vegetation cover. An average of four to 10 vascular plant species were recorded per metre<sup>2</sup>.

**Table 9: Species recorded within the g4 modified grassland areas on site**

| Common name                                                    | Latin name                        | Abundance | Status                |
|----------------------------------------------------------------|-----------------------------------|-----------|-----------------------|
| <b>Grasses, sedges, rushes and horsetails</b>                  |                                   |           |                       |
| Common bent                                                    | <i>Agrostis capillaris</i>        | R         | Common and widespread |
| Creeping bent                                                  | <i>Agrostis stolonifera</i>       | LD-A      | Common and widespread |
| Meadow foxtail                                                 | <i>Alopecurus pratensis</i>       | R         | Common and widespread |
| Sedge (possibly common)                                        | <i>Carex sp. (possibly nigra)</i> | R         | -                     |
| Remote sedge                                                   | <i>Carex remota</i>               | R         | Common and widespread |
| Pendulous sedge                                                | <i>Carex pendula</i>              | R         | Common and widespread |
| Cock's-foot                                                    | <i>Dactylis glomerata</i>         | LA-F      | Common and widespread |
| Yorkshire-fog                                                  | <i>Holcus lanatus</i>             | O         | Common and widespread |
| Soft rush                                                      | <i>Juncus effusus</i>             | F         | Common and widespread |
| Perennial rye-grass                                            | <i>Lolium perenne</i>             | A         | Common and widespread |
| <b>Herbaceous plants and shrub and tree seedlings/saplings</b> |                                   |           |                       |
| Yarrow                                                         | <i>Achillea millefolium</i>       | R         | Common and widespread |
| Ground-elder                                                   | <i>Aegopodium podagraria</i>      | LF-R      | Archaeophyte          |
| Lord's-and-ladies                                              | <i>Arum maculatum</i>             | R         | Common and widespread |
| Daisy                                                          | <i>Bellis perennis</i>            | R         | Common and widespread |
| Wavy/hairy bitter-<br>cress                                    | <i>Cardamine flexuosa/hirsuta</i> | O         | Common and widespread |
| Common<br>knapweed                                             | <i>Centaurea nigra</i>            | R         | Common and widespread |
| Common mouse-<br>ear                                           | <i>Cerastium fontanum</i>         | R         | Common and widespread |

| Common name                 | Latin name                       | Abundance | Status                                                            |
|-----------------------------|----------------------------------|-----------|-------------------------------------------------------------------|
| Sticky mouse-ear            | <i>Cerastium glomeratum</i>      | R         | Common and widespread                                             |
| Creeping thistle            | <i>Cirsium arvense</i>           | O         | Common and widespread                                             |
| Spear thistle               | <i>Cirsium vulgare</i>           | R         | Common and widespread                                             |
| Wild teasel                 | <i>Dipsacus fullonum</i>         | O         | Common and widespread                                             |
| Willowherb                  | <i>Epilobium</i> sp.             | O         | -                                                                 |
| Canadian fleabane           | <i>Erigeron canadensis</i>       | O         | Common and widespread                                             |
| Lesser celandine            | <i>Ficaria verna</i>             | R         | Common and widespread                                             |
| Cleavers                    | <i>Galium aparine</i>            | O         | Common and widespread                                             |
| Dove's-foot<br>crane's-bill | <i>Geranium molle</i>            | R         | Common and widespread                                             |
| Wood avens                  | <i>Geum urbanum</i>              | R         | Common and widespread                                             |
| Bristly oxtongue            | <i>Helminthotheca echinoides</i> | O         | A common and widespread archaeophyte                              |
| Hogweed                     | <i>Heracleum sphondylium</i>     | O         | Common and widespread                                             |
| Common ragwort              | <i>Jacobaea vulgaris</i>         | R         | Common and widespread                                             |
| Red dead-nettle             | <i>Lamium purpureum</i>          | R         | Common and widespread                                             |
| Nipplewort                  | <i>Lapsana communis</i>          | R         | Common and widespread                                             |
| Ribwort plantain            | <i>Plantago lanceolata</i>       | R         | Common and widespread                                             |
| Silverweed                  | <i>Potentilla anserina</i>       | R         | Common and widespread                                             |
| Creeping buttercup          | <i>Ranunculus repens</i>         | LD-A      | Common and widespread                                             |
| Bramble                     | <i>Rubus fruticosus</i> agg.     | F         | Common and widespread                                             |
| Dock                        | <i>Rumex</i> sp.                 | O         | -                                                                 |
| Curled dock                 | <i>Rumex crispus</i>             | R         | Common and widespread                                             |
| Water figwort               | <i>Scrophularia auriculata</i>   | LF-R      | Common and widespread                                             |
| Groundsel                   | <i>Senecio vulgaris</i>          | R         | Common and widespread                                             |
| Sow-thistle                 | <i>Sonchus</i> sp.               | R         | -                                                                 |
| Tansy                       | <i>Tanacetum vulgare</i>         | R         | Common and widespread, native as well as archaeophyte populations |
| Dandelion                   | <i>Taraxacum</i> agg.            | R         | Common and widespread                                             |
| White clover                | <i>Trifolium repens</i>          | LF-O      | Common and widespread                                             |
| Common nettle               | <i>Urtica dioica</i>             | LF-R      | Common and widespread                                             |
| Germander speedwell         | <i>Veronica chamaedrys</i>       | R         | Common and widespread                                             |
| Common vetch                | <i>Vicia sativa</i>              | R         | Common and widespread                                             |

The modified grassland was assessed as being in 'moderate' condition.

### **h2a5 Species-rich native hedgerows; 116 (H1)**

A species-rich native hedgerow was recorded along the northern half of the western site boundary (H1), a water filled ditch (D1) run through the interior of the hedgerow for its whole length. The northern and southern half of the hedgerow was distinctly different in structure and composition with the northern half having an average height of 1.5 metres, an average width of 2.6 metres and dominated by dense bramble (*Rubus fruticosus* agg) growing over some woody species such as blackthorn (*Prunus spinosa*). The southern half had an average height and width of four metres and was dominated by woody species rather than bramble. Woody species recorded in the entire hedgerow included abundant blackthorn, frequent hawthorn (*Crataegus monogyna*), occasional rose (*Rosa* sp.) and rare field maple (*Acer campestre*), hazel (*Corylus avellana*) and goat willow (*Salix caprea*). Climbers recorded in the hedgerow included locally dominant to abundant bramble and frequent ivy (*Hedera* sp.). The ground layer was species poor and mainly bare ground, species recorded included rare lord-and-ladies (*Arum maculatum*), hedge bedstraw (*Galium mollugo*) and cleavers (*Galium aparine*).

The hedgerow was assessed as being in ‘moderate’ condition.

### **h2a5 Species-rich native hedgerow with trees; 11, 519 (H2)**

A hedgerow with trees was recorded on the eastern boundary of the site (H2), which had been minimally managed for several years so that it had a near continuous canopy of standard trees to a height of approximately 8 to 10 metres. The woody growth at the base of the hedgerow was patchy in some places. The hedgerow was comprised of field maple, downy birch (*Betula pubescens*), dogwood (*Cornus sanguinea*), hazel, ash (*Fraxinus excelsior*), blackthorn, pedunculate oak (*Quercus robur*) and goat willow, rowan (*Sorbus aucuparia*). The field layer comprised climber species including abundant ivy and bramble. Non-native Wilson’s honeysuckle (*Lonicera nitida*) was recorded as occasional.

This hedgerow was recorded as being in ‘moderate’ condition.

### **h3h Mixed scrub; 519 (Target note 3)**

Areas of mixed scrub were recorded in patches across the site and considered to have developed by natural regeneration within the last 25 years (TN3). The scrub ranged in height with an average height of three to five metres. The scrub was largely unmanaged but recent scrub clearance on the site had significantly reduced the area of scrub on the site. Woody species recorded include locally dominant to occasional cherry plum (*Prunus cerasifera*), abundant hawthorn, frequent blackthorn and willow species, occasional pedunculate oak, and rare honeysuckle (*Lonicera periclymenum*). The ground flora consisted of locally dominant to frequent ivy,

frequent bramble, occasional creeping bent, lord's-and-ladies, willowherb species (*Epilobium* sp.), perennial rye-grass, bristly oxtongue (*Helminthotheca echioides*) and wood dock (*Rumex sanguineus*), and rare remote sedge (*Carex remota*), spear thistle (*Cirsium vulgare*), broad buckler-fern (*Dryopteris dilatata*), hogweed (*Heracleum sphondylium*), common ragwort (*Jacobaea vulgaris*), nipplewort (*Lapsana communis*), ribwort plantain (*Plantago lanceolata*), creeping buttercup, water figwort, sow-thistle species (*Sonchus* sp.), and thyme-leaved speedwell (*Veronica serpyllifolia*), additionally an individual non-native yucca palm (*Yucca* sp.) was recorded.

#### **w1g Other broadleaved woodland (target note 4-9)**

Small patches of varied woodland were recorded on the site. In the southwest of the plot (TN 4) and near the northern boundary (TN 5) the woodland comprised a number of semi-mature trees including ash and pedunculate oak which would formerly have been trees in a hedgerow. An understory of regenerating tree and shrub species had developed around these trees including occasional alder, ash, downy birch, honey suckle, cherry plum, blackthorn, willows and rare wild cherry.

A small area of woodland in the southeast of the site (TN 6) comprised predominantly of a canopy of alder (*Alnus glutinosa*) with a sparse understory comprising of elder (*Sambucus nigra*) and ash. In the southern end of the woodland the canopy was more diverse where trees had grown from an historical hedgerow with the tree species recorded including abundant ash, frequent hazel and elder, occasional field maple, and rare alder and holly.

Three other small patches of regenerating woodland were recorded composed of only younger trees, approximately up to 25 years old (TN 7, 8 and 9). Tree species recorded in these woodlands included alder, ash, oak and willows (*Salix* sp.).

The ground flora of the woodland areas mostly comprised abundant bare ground and generalist species such as common nettle, frequent ivy and occasional cow parsley (*Anthriscus sylvestris*), lord's-and-ladies, pendulous sedge (*Carex pendula*), cock's-foot, cleavers, hogweed, perennial rye-grass and broad-leaved dock (*Rumex obtusifolius*), rare hedge bindweed (*Calystegia sepium*), and several non-native plants were recorded as rare including snowflake (*Leucojum* sp.), garden privet (*Ligustrum ovalifolium*), Wilson's honeysuckle, raspberry (*Rubus idaeus*), garden daffodils (*Narcissus* sp.) and firethorn (*Pyracantha* sp.).

The ground flora near the badger setts in TN 4 included some woodland species including locally frequent dog mercury, locally occasional wood anemone (*Anemone nemorosa*) and wood speedwell (*Veronica montana*), and locally rare stinking iris (*Iris foetidissima*). A fern species, possibly male fern (*Dryopteris filix-mas*) or broad buckler-fern (*Dryopteris dilatata*), was recorded as rare in the woodland but no green

material was found for identification. A hyacinth species was also recorded as occasional, but the plants were too immature to determine if it was native bluebell (*Hyacinthoides non-scripta*), this species was also recorded in the ground flora of TN 6.

The woodland patches at TN 4, 5 and 6 were assessed as ‘moderate’ condition and the woodland at TN 7, 8 and 9 were assessed as ‘poor’ condition.

### **w1g Individual trees (tree 1- 31)**

Scattered small to medium size-class trees were recorded across the whole site, all of which have established within approximately the last 25 years. Species recorded were field maple (*Acer campestre*), birch (*Betula* sp.), non-native birch (*Betula* sp. possibly *nigra*), hawthorn, Leyland cypress (*C. × leylandii*), pedunculate oak and goat willow. The location of the trees is recorded in figure 1, with each numbered tree corresponding to a specific tree in the individual tree condition assessment.

All of the trees were assessed as being in ‘moderate’ condition.

### **r1 Ditches; 851 (D1 and D2)**

Two drainage ditches were recorded on the site, one roughly followed the western and northern boundary (referred to as D1) and the other run approximately from the centre of the southern boundary to the northern half of the eastern boundary (referred to as D2).

The banks of D1 had a shallow gradient and were approximately one metre wide and 0.5 metres deep, the ditch contained water to a depth of approximately five centimetres with no discernible flow, the water was clear although the base of the channel was mostly muddy and contained abundant decaying organic material such as leaves as well as litter. The ditch passed under two culverts and most of the ditch was heavily shaded and unvegetated, however a small section of the ditch was in open habitat with the following species recorded; dominant creeping bent, frequent Yorkshire fog, occasional willow herb species, creeping buttercup, broadleaf dock and white clover, and rare cock’s-foot and hedge-wound wort.

D2 had banks which were approximately 2.5 metres wide and one metre deep with a channel that was approximately 0.8 metres wide and 0.1 metres deep. The water was clear and flowed slowly, some bulky waste such as a tyre was recorded in the ditch. The banks and channel were mostly bare along approximately 2/3s of the length of the ditch but included locally abundant to frequent water figwort, common nettle and brooklime (*Veronica beccabunga*), frequent lesser celandine and bramble, locally frequent to rare ground elder, occasional willow herb species, meadow sweet (*Filipendula ulmaria*), hogweed and creeping buttercup, and rare wood anemone

(*Anemone nemorosa*), hart's-tongue (*Asplenium scolopendrium*), teasel, bitter-cress species and perennial rye.

Both D1 and D2 were assessed as being in 'poor' condition.

***u1b6 Hardstanding (Target note 10)***

Areas of hardstanding on site consist of tarmac footpaths (TN 10). One footpath runs west to east across the site with another footpath joining the middle of this path to the southern boundary.

**Figure 1: UKHab survey plan**



## APPENDIX V: Site photographs (March 2025)

|                                                                                                |                                                                                                      |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|               |                    |
| <p><b>Photo 1:</b> The view facing east over g4 modified grassland.</p>                        | <p><b>Photo 2:</b> Evidence of damage caused by vehicle tyres.</p>                                   |
|              |                   |
| <p><b>Photo 3:</b> A sample of regenerating g4 grassland where ruderal forbs are abundant.</p> | <p><b>Photo 4:</b> A sample of g4 grassland with a high cover of grasses and creeping buttercup.</p> |
|             |                  |
| <p><b>Photo 5:</b> A view facing south of a section of hedgerow H1.</p>                        | <p><b>Photo 6:</b> A view facing north of a section of hedgerow H1.</p>                              |

|                                                                                                |                                                                                                                                  |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|               |                                                |
| <p><b>Photo 7:</b> A view facing north of hedgerow H2 with trees on the eastern boundary.</p>  | <p><b>Photo 8:</b> A view facing east into hedgerow H2 illustrating how some sections have a limited amount of woody growth.</p> |
|              |                                               |
| <p><b>Photo 9:</b> Mixed scrub predominantly comprised of cherry plum.</p>                     | <p><b>Photo 10:</b> Mixed scrub predominantly comprised of willow species.</p>                                                   |
|             |                                              |
| <p><b>Photo 11:</b> A view facing west of g4 grassland and w1g woodland in the background.</p> | <p><b>Photo 12:</b> w1g woodland comprised mostly of recent regeneration.</p>                                                    |

|                                                                                          |                                                                                                |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|         |              |
| <p><b>Photo 13:</b> w1g showing a mature tree with an understory at TN4.</p>             | <p><b>Photo 14:</b> w1g at TN5.</p>                                                            |
|        |             |
| <p><b>Photo 15:</b> w1g woodland of a predominantly alder canopy at TN6.</p>             | <p><b>Photo 16:</b> w1g woodland formed of trees growing from a historical hedgerow at TN6</p> |
|       |            |
| <p><b>Photo 17:</b> w1g woodland composed of relatively recent regeneration at TN 7.</p> | <p><b>Photo 18:</b> w1g woodland composed of relatively recent regeneration at TN 9.</p>       |



**Photo 19:** Scattered individual trees in the south of the g4 grassland.



**Photo 20:** Scattered individual trees in the northwest of the g4 grassland.



**Photo 21:** A vegetated section of drain D1 and a culvert.



**Photo 22:** A densely shaded section of drain D1.



**Photo 23:** A view facing north along drain D2.



**Photo 24:** Emergent vegetation in drain D2.



**Photo 25:** A mammal path assumed to be used by badgers near the sett entrances.



**Photo 26:** A badger snuffle hole in the south of the g4 grassland.



**Photo 27:** Several badger sett entrances along the bank at the south of the site.



**Photo 28:** An entrance to an active badger sett.

## APPENDIX VI: Condition assessments

| Condition Sheet: GRASSLAND Habitat Type (low distinctiveness)                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| UK Habitat Classification (UKHab) Habitat Type                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                       |
| Grassland - Modified grassland                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                       |
| On-site or off-site, site name and location                                                                                   | Berewood Blue Star Land                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Survey date and Surveyor name                    | 10 <sup>th</sup> March 2026                                                                                           |
| Limitations (if applicable)                                                                                                   | The survey was conducted in March which is outside of the optimal survey period. However, the habitats/plant species recorded are all common and widespread. It is considered likely that a majority of plant species present will have been recorded.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Survey reference (if relating to a wider survey) | NA                                                                                                                    |
| Grid reference                                                                                                                | SU 67835 09353                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Habitat parcel reference                         | NA                                                                                                                    |
| Habitat Description                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                       |
| An area of amenity grassland consisting of established grassland as well as grassland establishing on areas of cleared scrub. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                       |
| ukhab – UK Habitat Classification                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                       |
| Condition Assessment Criteria                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Criterion passed (Yes or No)                     | Notes (such as justification)                                                                                         |
| A                                                                                                                             | <p>There are 6-8 vascular plant species per m<sup>2</sup> present, including at least 2 forbs (these may include those listed in Footnote 1).<br/><b>Note - this criterion is essential for achieving Moderate or Good condition.</b></p> <p>Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m<sup>2</sup> (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet.</p> | Yes                                              | The number of species recorded per metre <sup>2</sup> varied from four to ten with seven to eight considered average. |
| B                                                                                                                             | Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                               | The sward height was fairly uniform across the whole site.                                                            |
| C                                                                                                                             | Any scrub present accounts for less than 20% of the total grassland area. (Some scattered scrub such as bramble <i>Rubus fruticosus</i> agg. may be present).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                              | Scrub was present on the site but generally was classified separately so the scrub area within the grassland accounts |

Grainger Plc  
Ecology report – Blue Star Land, Berewood

|                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                       | Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.                                                                                                                                  |                    | for less than 20% of the grassland area.                                                                                                                                                  |
| D                                                                                                                                                                                                                                                                                                                                                                                                     | Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities. | No                 | More than 5% of the grassland area was affected by physical damage, including desire paths, ruts from vehicle tyres, litter/rubbish and woodchip/bramble stems left from scrub clearance. |
| E                                                                                                                                                                                                                                                                                                                                                                                                     | Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens) <sup>2</sup> .                                                                                                                   | No                 | The total area of bare ground cover exceeded 10%.                                                                                                                                         |
| F                                                                                                                                                                                                                                                                                                                                                                                                     | Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.                                                                                                                                                                                           | Yes                | No bracken was recorded on the site.                                                                                                                                                      |
| G                                                                                                                                                                                                                                                                                                                                                                                                     | There is an absence of invasive non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA <sup>4</sup> ).                                                                                                                                   | Yes                | No schedule 9 species were recorded in the grassland.                                                                                                                                     |
| Essential criterion achieved (Yes or No)                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                         |                    | Yes                                                                                                                                                                                       |
| Number of criteria passed                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                         |                    | 4                                                                                                                                                                                         |
| Condition Assessment Result (out of 7 criteria)                                                                                                                                                                                                                                                                                                                                                       | Condition Assessment Score                                                                                                                                                                                                                              | Score Achieved x/✓ |                                                                                                                                                                                           |
| Passes 6 or 7 criteria including passing essential criterion A                                                                                                                                                                                                                                                                                                                                        | Good (3)                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                           |
| Passes 4 or 5 criteria including passing essential criterion A                                                                                                                                                                                                                                                                                                                                        | Moderate (2)                                                                                                                                                                                                                                            | ✓                  |                                                                                                                                                                                           |
| Passes 3 or fewer criteria;<br>OR<br>Passes 4 - 6 criteria (excluding criterion A)                                                                                                                                                                                                                                                                                                                    | Poor (1)                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                           |
| Suggested enhancement interventions to improve condition score                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |
| Footnotes                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |
| <b>Footnote 1</b> – Creeping thistle <i>Cirsium arvense</i> , spear thistle <i>Cirsium vulgare</i> , curled dock <i>Rumex crispus</i> , broad-leaved dock <i>Rumex obtusifolius</i> , common nettle <i>Urtica dioica</i> , creeping buttercup <i>Ranunculus repens</i> , greater plantain <i>Plantago major</i> , white clover <i>Trifolium repens</i> and cow parsley <i>Anthriscus sylvestris</i> . |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |
| <b>Footnote 2</b> – For example, this could include small, scattered areas of bare ground allowing establishment of new species, or localised patches where not exceeding 10% cover.                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |
| <b>Footnote 3</b> – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.                                                         |                                                                                                                                                                                                                                                         |                    |                                                                                                                                                                                           |

**Footnote 4** – Wildlife and Countryside Act 1981 (as amended).

| Condition sheet: HEDGEROW Habitat Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------|-------------------------------|
| Habitat Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| <b>Species-rich native hedgerow - associated with bank or ditch</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| Habitat Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| A species-rich native hedgerow was recorded on the northern half of the western boundary of the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| See the Biodiversity Metric 4.0 User Guide Section 9.<br>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| <b>Site name and location</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Berewood Blue Star Land                                                                                                                                                                                                                                | <b>On-site or off-site</b>                              | On-site                     |                               |
| <b>Limitations (if applicable)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | The survey was conducted in March which is outside of the optimal survey period. However, the habitats/plant species recorded are all common and widespread. It is considered likely that a majority of plant species present will have been recorded. | <b>Survey reference (if relating to a wider survey)</b> | N/A                         |                               |
| <b>Grid reference</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SU 67766 09373                                                                                                                                                                                                                                         | <b>Habitat parcel reference</b>                         | N/A                         |                               |
| Condition Assessment Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook <sup>1</sup> and Favourable Conservation Status document <sup>2</sup> . For further clarification please refer to the Hedgerow Survey Handbook.<br>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria. |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| Hedgerow favourable condition attributes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                        |                                                         |                             |                               |
| Attributes and functional groupings (A, B, C, D and E)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Criteria - the minimum requirements for ‘favourable condition’                                                                                                                                                                                         | Description                                             | Criteria passed (Yes or No) | Notes (such as justification) |
| Core groups - applicable to all hedgerow types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                        |                                                         |                             |                               |

|         |                  |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                                                            |
|---------|------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------|
| A<br>1. | Height           | >1.5 m average along length                                     | <p>The average height of woody growth estimated from base of stem to the top of the shoots, excluding any bank beneath the hedgerow, any gaps or isolated trees.</p> <p>Newly laid or coppiced hedgerows are indicative of good management and pass this criterion for up to a maximum of four years (if undertaken according to good practice).</p> <p>A newly planted hedgerow does not pass this criterion (unless it is &gt;1.5 m height).</p>                      | Yes | The average height of the hedgerow ranged between 1.5 and four metres.                     |
| A<br>2. | Width            | >1.5 m average along length                                     | <p>The average width of woody growth estimated at the widest point of the canopy, excluding gaps and isolated trees.</p> <p>Outgrowths (such as blackthorn <i>Prunus spinosa</i> suckers) are only included in the width estimate when they are &gt;0.5 m in height.</p> <p>Laid, coppiced, cut and newly planted hedgerows are indicative of good management and pass this criterion for up to a maximum of four years (if undertaken according to good practice).</p> | Yes | The average width of the hedgerow ranged between 2.6 and four metres.                      |
| B<br>1. | Gap - hedge base | Gap between ground and base of canopy <0.5 m for >90% of length | <p>This is the vertical 'gappiness' of the woody component of the hedgerow, and its distance from the ground to the lowest leafy growth.</p> <p>Certain exceptions to this criterion are acceptable (see page 65 of the</p>                                                                                                                                                                                                                                             | No  | A vertical gap of greater than 0.5 metres was recorded along the majority of the hedgerow, |

|         |                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |                                                                                                                                                                           |
|---------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                             |                                                                                                                                                                                                  | Hedgerow Survey Handbook).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     | often this gap was filled with bramble.                                                                                                                                   |
| B<br>2. | Gap - hedge canopy continuity               | Gaps make up <10% of total length; and<br>No canopy gaps >5 m                                                                                                                                    | This is the horizontal 'gappiness' of the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small).<br><br>Access points and gates contribute to the overall 'gappiness' but are not subject to the >5 m criterion (as this is the typical size of a gate).                                                                                                                                                                                                          | No  | More than 10% of the length of the hedgerow was gap in woody growth, usually these gaps were filled with bramble.                                                         |
| C<br>1. | Undisturbed ground and perennial vegetation | >1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:<br>· Measured from outer edge of hedgerow; and<br>· Is present on one side of the hedgerow (at least). | This is the level of disturbance (excluding wildlife disturbance) at the base of the hedgerow.<br><br>Undisturbed ground is present for at least 90% of the hedgerow length, greater than 1 m in width and must be present along at least one side of the hedgerow.<br><br>This criterion recognises the value of the hedgerow base as a boundary habitat with the capacity to support a wide range of species. Cultivation, heavily trodden footpaths, poached ground etc. can limit available habitat niches. | No  | On the western side of the hedgerow was a road and pavement. Approximately half the length of the eastern side of the hedgerow was recently cut back bramble/woody scrub. |
| C<br>2. | Nutrient-enriched perennial vegetation      | Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of                                                                                                      | The indicator species used are nettles <i>Urtica</i> spp., cleavers <i>Galium aparine</i> and docks <i>Rumex</i> spp. Their presence, either singly or together,                                                                                                                                                                                                                                                                                                                                                | Yes | Cleavers were recorded in the ground flora but                                                                                                                            |

|                                                                                                                                                                           |                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------|
|                                                                                                                                                                           |                                                                                                    | undisturbed ground.                                                                                                                                                                   | does not exceed the 20% cover threshold.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     | only as rare.                                                  |
| D 1.                                                                                                                                                                      | Invasive and neophyte species                                                                      | >90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently introduced species. | Recently introduced species refer to plants that have naturalised in the UK since AD 1500 (neophytes). Archaeophytes count as natives. For information on archaeophytes and neophytes see the JNCC website <sup>4</sup> , as well as the BSBI website <sup>5</sup> where the 'Online Atlas of the British and Irish Flora' <sup>6</sup> contains an up-to-date list of the status of species. For information on invasive non-native species see the GB Non-Native Secretariat website <sup>7</sup> . | Yes | No invasive or neophyte species were recorded in the hedgerow. |
| D 2.                                                                                                                                                                      | Current damage                                                                                     | >90% of the hedgerow or undisturbed ground is free of damage caused by human activities.                                                                                              | This criterion addresses damaging activities that may have led to or lead to deterioration in other attributes.<br><br>This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (e.g., excessive hedgerow cutting).                                                                                                                                                                                                                                 | No  | There was abundant litter in the hedgerow                      |
| The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the metric. The scores for each are set out in the tables below. |                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                |
| <b>Condition categories for hedgerows without trees</b>                                                                                                                   |                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                |
| <b>Category</b>                                                                                                                                                           | <b>Category Requirements</b>                                                                       | <b>Metric Score</b>                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                |
| Good                                                                                                                                                                      | No more than 2 failures in total;<br><b>AND</b><br>No more than 1 failure in any functional group. | 3                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|
| Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No more than 4 failures in total;<br><b>AND</b><br><u>Does not fail both attributes</u> in more than one functional group (e.g. fails attributes A1, A2, B1 and C2 = Moderate condition). | 2                             |  |
| Poor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fails a total of more than 4 attributes;<br><b>OR</b><br><u>Fails both attributes</u> in more than one functional group (e.g. fails attributes A1, A2, B1 and B2 = Poor condition).       | 1                             |  |
| Score achieved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           | 4 passes – Moderate condition |  |
| Suggested enhancement interventions to improve condition score                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                           |                               |  |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                           |                               |  |
| Footnotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           |                               |  |
| <p><b>Footnote 1</b> – DEFRA (2007) <i>Hedgerow Survey Handbook. A standard procedure for local surveys in the UK.</i> [online] Available on: <a href="http://hedgelink.org.uk">layout (hedgelink.org.uk)</a> -</p> <p><b>Footnote 2</b> – STALEY, J.T. ET AL. (2020) <i>Definition of Favourable Conservation Status for Hedgerows.</i> [online] Available on: <a href="https://naturalengland.org.uk/rp2943">Definition of Favourable Conservation Status for Hedgerows - RP2943 (naturalengland.org.uk)</a> -</p> <p><b>Footnote 3</b> – Wildlife and Countryside Act 1981 (as amended).</p> <p><b>Footnote 4</b> – CHEFFINGS, C. M. et al. (2005) <i>The Vascular Plant Red Data List for Great Britain.</i> Species Status 7: 1-116. [online] Available on: <a href="http://jncc.gov.uk/resources/vascular-plant-red-data-list-for-great-britain-species-status-no-7">The Vascular Plant Red Data List for Great Britain (Species Status No. 7)   JNCC Resource Hub</a> -</p> <p><b>Footnote 5</b> – BOTANICAL SOCIETY OF BRITAIN AND IRELAND (BSBI). <i>Definitions: wild, native or alien?</i> [online] Available on: <a href="http://bsbi.org/Definitions:wild,nativeoralien?">Definitions: wild, native or alien? – Botanical Society of Britain &amp; Ireland (bsbi.org)</a> -</p> <p><b>Footnote 6</b> – BSBI and Biological Records Centre (BRC) (2022) <i>Online Atlas of the British and Irish Flora.</i> [online] Available on: <a href="http://brc.ac.uk/Acknowledgements OnlineAtlasoftheBritishandIrishFlora">Acknowledgements   Online Atlas of the British and Irish Flora (brc.ac.uk)</a> -</p> <p><b>Footnote 7</b> – GB NON-NATIVE SPECIES SECRETARIAT (GBNNSS) (2022) Available on:</p> |                                                                                                                                                                                           |                               |  |

[Home » NNSS \(nonnativespecies.org\)](#)

**Footnote 8** – See gov.uk standing advice on ancient and veteran trees. Available from:  
[Keepers of time: ancient and native woodland and trees policy in England \(publishing.service.gov.uk\)](#)

And

[Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK \(www.gov.uk\)](#)

| Condition sheet: HEDGEROW Habitat Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|-------------------------------|
| Habitat Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| Species-rich native hedgerow with trees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| Habitat Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| An unmanaged hedgerow which has an almost continuous canopy of standard trees                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| See the Biodiversity Metric 4.0 User Guide Section 9.<br>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria.                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| Site name and location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Berewood Blue Star Land                                                                                                                                                                                                                                | On-site or off-site                              | On-site                        |                               |
| Limitations (if applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The survey was conducted in March which is outside of the optimal survey period. However, the habitats/plant species recorded are all common and widespread. It is considered likely that a majority of plant species present will have been recorded. | Survey reference (if relating to a wider survey) | N/A                            |                               |
| Grid reference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SU 67871 09376                                                                                                                                                                                                                                         | Habitat parcel reference                         | N/A                            |                               |
| Condition Assessment Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| A series of ten attributes, representing key physical characteristics are used for this assessment. This assessment is based on the Hedgerow Survey Handbook <sup>1</sup> and Favourable Conservation Status document <sup>2</sup> . For further clarification please refer to the Hedgerow Survey Handbook.<br>Each attribute is assigned to one of five functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the ‘favourable condition’ criteria. |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| Hedgerow favourable condition attributes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                        |                                                  |                                |                               |
| Attributes and functional groupings (A, B, C, D and E)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Criteria - the minimum requirements for ‘favourable condition’                                                                                                                                                                                         | Description                                      | Criteria on passed (Yes or No) | Notes (such as justification) |
| Core groups - applicable to all hedgerow types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                        |                                                  |                                |                               |

|      |        |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                                                                            |
|------|--------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------|
| A 1. | Height | >1.5 m average along length | <p>The average height of woody growth estimated from base of stem to the top of the shoots, excluding any bank beneath the hedgerow, any gaps or isolated trees.</p> <p>Newly laid or coppiced hedgerows are indicative of good management and pass this criterion for up to a maximum of four years (if undertaken according to good practice).</p> <p>A newly planted hedgerow does not pass this criterion (unless it is &gt;1.5 m height).</p>                      | Yes | Excluding standard trees the hedgerow was approximately three metres tall. |
| A 2. | Width  | >1.5 m average along length | <p>The average width of woody growth estimated at the widest point of the canopy, excluding gaps and isolated trees.</p> <p>Outgrowths (such as blackthorn <i>Prunus spinosa</i> suckers) are only included in the width estimate when they are &gt;0.5 m in height.</p> <p>Laid, coppiced, cut and newly planted hedgerows are indicative of good management and pass this criterion for up to a maximum of four years (if undertaken according to good practice).</p> | Yes | The hedgerow was approximately four to five metres in width.               |

|         |                                             |                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                                                                                                                                                       |
|---------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| B<br>1. | Gap - hedge base                            | Gap between ground and base of canopy <0.5 m for >90% of length                                                                                                                                                                                                    | <p>This is the vertical 'gappiness' of the woody component of the hedgerow, and its distance from the ground to the lowest leafy growth.</p> <p>Certain exceptions to this criterion are acceptable (see page 65 of the Hedgerow Survey Handbook).</p>                                                                                                                                                                                      | No  | The canopy of the standard trees shaded the hedgerow and woody growth was fairly thin along a large proportion of the hedgerow including at its base. |
| B<br>2. | Gap - hedge canopy continuity               | Gaps make up <10% of total length; and No canopy gaps >5 m                                                                                                                                                                                                         | <p>This is the horizontal 'gappiness' of the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small).</p> <p>Access points and gates contribute to the overall 'gappiness' but are not subject to the &gt;5 m criterion (as this is the typical size of a gate).</p>                                                                                                                            | Yes | The hedgerow did not have any substantial horizontal gaps.                                                                                            |
| C<br>1. | Undisturbed ground and perennial vegetation | <p>&gt;1 m width of undisturbed ground with perennial herbaceous vegetation for &gt;90% of length:</p> <ul style="list-style-type: none"> <li>• Measured from outer edge of hedgerow; and</li> <li>• Is present on one side of the hedgerow (at least).</li> </ul> | <p>This is the level of disturbance (excluding wildlife disturbance) at the base of the hedgerow.</p> <p>Undisturbed ground is present for at least 90% of the hedgerow length, greater than 1 m in width and must be present along at least one side of the hedgerow.</p> <p>This criterion recognises the value of the hedgerow base as a boundary habitat with the capacity to support a wide range of species. Cultivation, heavily</p> | Yes | The western side of the hedgerow backed onto g4 grassland.                                                                                            |

|         |                                        |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |                                                                                                                            |
|---------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------|
|         |                                        |                                                                                                                                                                                       | trodden footpaths, poached ground etc. can limit available habitat niches.                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                                                                                            |
| C<br>2. | Nutrient-enriched perennial vegetation | Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground.                                                                       | The indicator species used are nettles <i>Urtica</i> spp., cleavers <i>Galium aparine</i> and docks <i>Rumex</i> spp. Their presence, either singly or together, does not exceed the 20% cover threshold.                                                                                                                                                                                                                                                                                             | Yes | Species indicative of nutrient enrichment were not common in the hedgerow.                                                 |
| D<br>1. | Invasive and neophyte species          | >90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently introduced species. | Recently introduced species refer to plants that have naturalised in the UK since AD 1500 (neophytes). Archaeophytes count as natives. For information on archaeophytes and neophytes see the JNCC website <sup>4</sup> , as well as the BSBI website <sup>5</sup> where the 'Online Atlas of the British and Irish Flora' <sup>6</sup> contains an up-to-date list of the status of species. For information on invasive non-native species see the GB Non-Native Secretariat website <sup>7</sup> . | Yes | Wilson's honeysuckle was recorded as occasional in the hedgerow but no other non-native species were recorded.             |
| D<br>2. | Current damage                         | >90% of the hedgerow or undisturbed ground is free of damage caused by human activities.                                                                                              | <p>This criterion addresses damaging activities that may have led to or lead to deterioration in other attributes.</p> <p>This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (e.g., excessive hedgerow cutting).</p>                                                                                                                                                                                                                          | No  | The hedgerow is undermanaged and, in some places its woody growth is very thin shaded out by the near continuous canopy of |

|                                                                                                                                                                           |                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                    |     |                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------|
|                                                                                                                                                                           |                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                    |     | standard trees.                         |
| <b>Additional group - applicable to hedgerows with trees only</b>                                                                                                         |                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                    |     |                                         |
| E 1.                                                                                                                                                                      | Tree class                                                                                         | There is more than one age-class (or morphology) of tree present (for example: young, mature, veteran and or ancient <sup>8</sup> ), and there is on average at least one mature, ancient or veteran tree present per 20 - 50m of hedgerow.                      | This criterion addresses if there are a range of age-classes or morphologies which allow for replacement of trees and provide opportunities for different species. | No  | None of the trees recorded were veteran |
| E 2.                                                                                                                                                                      | Tree health                                                                                        | At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity. | This criterion identifies if the trees are subject to damage which compromises the survival and health of the individual specimens.                                | Yes | The trees were generally in good health |
| The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the metric. The scores for each are set out in the tables below. |                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                    |     |                                         |
| <b>Condition categories for hedgerows with trees</b>                                                                                                                      |                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                    |     |                                         |
| <b>Category</b>                                                                                                                                                           | <b>Category Requirements</b>                                                                       | <b>Metric score</b>                                                                                                                                                                                                                                              |                                                                                                                                                                    |     |                                         |
| Good                                                                                                                                                                      | No more than 2 failures in total;<br><b>AND</b><br>No more than 1 failure in any functional group. | 3                                                                                                                                                                                                                                                                |                                                                                                                                                                    |     |                                         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                |                    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
| Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No more than 5 failures in total;<br><b>AND</b><br><u>Does not fail both attributes</u> in more than one functional group (e.g., fails attributes A1, A2, B1, C2 and E1 = Moderate condition). | 2                  |  |
| Poor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fails a total of more than 5 attributes;<br><b>OR</b><br><u>Fails both attributes</u> in more than one functional group (e.g. fails attributes A1, A2, B1 and B2 = Poor condition).            | 1                  |  |
| Score achieved:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                | Moderate condition |  |
| Suggested enhancement interventions to improve condition score                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                |                    |  |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                |                    |  |
| Footnotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                |                    |  |
| <p><b>Footnote 1</b> – DEFRA (2007) <i>Hedgerow Survey Handbook</i>. A standard procedure for local surveys in the UK. [online] Available on: <a href="http://hedgelink.org.uk/layout">layout (hedgelink.org.uk)</a> -</p> <p><b>Footnote 2</b> – STALEY, J.T. ET AL. (2020) <i>Definition of Favourable Conservation Status for Hedgerows</i>. [online] Available on: <a href="https://naturalengland.org.uk/rp2943">Definition of Favourable Conservation Status for Hedgerows - RP2943 (naturalengland.org.uk)</a> -</p> <p><b>Footnote 3</b> – Wildlife and Countryside Act 1981 (as amended).</p> <p><b>Footnote 4</b> – CHEFFINGS, C. M. et al. (2005) <i>The Vascular Plant Red Data List for Great Britain</i>. Species Status 7: 1-116. [online] Available on: <a href="http://jncc.gov.uk/resources/vascular-plant-red-data-list-for-great-britain-species-status-no-7">The Vascular Plant Red Data List for Great Britain (Species Status No. 7)   JNCC Resource Hub</a> -</p> <p><b>Footnote 5</b> – BOTANICAL SOCIETY OF BRITAIN AND IRELAND (BSBI). <i>Definitions: wild, native or alien?</i> [online] Available on: <a href="http://bsbi.org/Definitions:wild,nativeoralien?">Definitions: wild, native or alien? – Botanical Society of Britain &amp; Ireland (bsbi.org)</a> -</p> <p><b>Footnote 6</b> – BSBI and Biological Records Centre (BRC) (2022) <i>Online Atlas of the British and Irish Flora</i>. [online] Available on: <a href="http://brc.ac.uk/Acknowledgements OnlineAtlasoftheBritishandIrishFlora">Acknowledgements   Online Atlas of the British and Irish Flora (brc.ac.uk)</a> -</p> <p><b>Footnote 7</b> – GB NON-NATIVE SPECIES SECRETARIAT (GBNNSS) (2022) Available on: <a href="http://nonnativespecies.org">Home » NNSS (nonnativespecies.org)</a> -</p> <p><b>Footnote 8</b> – See gov.uk standing advice on ancient and veteran trees. Available from: <a href="https://publishing.service.gov.uk/government/standards/ancient-and-native-woodland-and-trees-policy-in-england">Keepers of time: ancient and native woodland and trees policy in England (publishing.service.gov.uk)</a> -</p> |                                                                                                                                                                                                |                    |  |

|                                                                                                                                      |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------|---|---|
| And<br><a href="#">Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK (www.gov.uk)</a> | - | - |
|--------------------------------------------------------------------------------------------------------------------------------------|---|---|

| Condition Sheet: SCRUB Habitat Type              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                 |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Habitat Types                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                 |
| Heathland and shrub - Mixed scrub                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                 |
| Habitat Description                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                 |
| Patches of mixed scrub recorded across the site. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                                                                                                                 |
| For Dunes with sea buckthorn see:                | <a href="#">Dunes with sea-buckthorn (Dunes with Hippophae rhamnoides) - Special Areas of Conservation (jncc.gov.uk)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |                                                                                                                                 |
| For other scrub types see:                       | <a href="#">ukhab – UK Habitat Classification</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |                                                                                                                                 |
| On-site or off-site, site name and location      | On-site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Survey date and Surveyor name                    | 10th March 2026, Will Barrop                                                                                                    |
| Limitations (if applicable)                      | The survey was conducted in March which is outside of the optimal survey period. However, the habitats/plant species recorded are all common and widespread. It is considered likely that a majority of plant species present will have been recorded.                                                                                                                                                                                                                                                                                                                                                  | Survey reference (if relating to a wider survey) | N/A                                                                                                                             |
| Grid reference                                   | SU 67784 09377<br>SU 67772 09346<br>SU 67783 09318<br>SU 67849 09390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Habitat parcel reference                         | N/A                                                                                                                             |
| Condition Assessment Criteria                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Criterion passed (Yes or No)                     | Notes (such as justification)                                                                                                   |
| A                                                | The parcel represents a good example of its habitat type - the appearance and composition of the vegetation closely matches its UKHab description (where in its natural range). <sup>1</sup><br>- At least 80% of scrub is native,<br>- There are at least three native woody species <sup>2</sup> ,<br>- No single species comprises more than 75% of the cover (except hazel <i>Corylus avellana</i> , common juniper <i>Juniperus communis</i> , sea buckthorn <i>Hippophae rhamnoides</i> (only in its restricted native range), or box <i>Buxus sempervirens</i> , which can be up to 100% cover). | Yes                                              | The scrub is predominantly composed of native and archaeophyte species, it contains more than three species with no one species |

|                                                                |                                                                                                                                                                                                                        |                    |                                                                                                                       |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------|
|                                                                |                                                                                                                                                                                                                        |                    | being dominant.                                                                                                       |
| B                                                              | Seedlings, saplings, young shrubs and mature (or ancient or veteran <sup>3</sup> ) shrubs are all present.                                                                                                             | No                 | The scrub is predominantly all of a similar age and there was little evidence of seedlings, saplings or young shrubs. |
| C                                                              | There is an absence of invasive non-native plant species <sup>4</sup> (as listed on Schedule 9 of WCA <sup>5</sup> ) and species indicative of suboptimal condition <sup>6</sup> make up less than 5% of ground cover. | Yes                | No schedule 9 species were recorded in the scrub.                                                                     |
| D                                                              | The scrub has a well-developed edge with scattered scrub and tall grassland and or forbs present between the scrub and adjacent habitat.                                                                               | No                 | Recent scrub clearance has left remaining scrub patches with an abrupt boundary with surrounding grassland.           |
| E                                                              | There are clearings, glades or rides present within the scrub, providing sheltered edges.                                                                                                                              | No                 | The scrub patches do not include clearings.                                                                           |
| Number of criteria passed                                      |                                                                                                                                                                                                                        |                    | 2                                                                                                                     |
| Condition Assessment Result (out of 5 criteria)                | Condition Assessment Score                                                                                                                                                                                             | Score Achieved x/√ |                                                                                                                       |
| Passes 5 criteria                                              | Good (3)                                                                                                                                                                                                               |                    |                                                                                                                       |
| Passes 3 or 4 criteria                                         | Moderate (2)                                                                                                                                                                                                           |                    |                                                                                                                       |
| Passes 2 or fewer criteria                                     | Poor (1)                                                                                                                                                                                                               | ✓                  |                                                                                                                       |
| Suggested enhancement interventions to improve condition score |                                                                                                                                                                                                                        |                    |                                                                                                                       |
|                                                                |                                                                                                                                                                                                                        |                    |                                                                                                                       |
| Footnotes                                                      |                                                                                                                                                                                                                        |                    |                                                                                                                       |

**Footnote 1** – Professional judgement should be used alongside the UKHab description.

**Footnote 2** – Native woody species as defined and listed in the Hedgerow Survey Handbook: DEFRA (2007) *Hedgerow Survey Handbook: A standard procedure for local surveys in the UK*. 2nd ed. [online]. Defra, London. PB1195. Available from: Hedgerow Survey Handbook ([publishing.service.gov.uk](http://publishing.service.gov.uk)).

**Footnote 3** – See gov.uk standing advice on ancient and veteran species. Available from:

[Keepers of time: ancient and native woodland and trees policy in England](http://publishing.service.gov.uk) and  
([publishing.service.gov.uk](http://publishing.service.gov.uk))  
[Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK](http://gov.uk) ([www.gov.uk](http://www.gov.uk))

**Footnote 4** – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.

**Footnote 5** – Wildlife and Countryside Act 1981 (as amended).

**Footnote 6** – Species indicative of suboptimal condition for this habitat type may include: non-native conifers, tree-of-heaven *Alianthus altissima*, holm oak *Quercus ilex*, European turkey oak *Quercus cerris*, cherry laurel *Prunus laurocerasus*, snowberry *Symphoricarpos* spp., shallon *Gaultheria shallon*, American skunk cabbage *Lysichiton americanus*, buddleia *Buddleja* spp., cotoneaster *Cotoneaster* spp., Spanish bluebell *Hyacinthoides hispanica* and hybrid bluebells *Hyacinthoides x massartiana*. There may be additional relevant species local to the region and or site.

| Condition Sheet: WOODLAND Habitat Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UK Habitat Classification (UKHab) Habitat Type(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Woodland and forest - Other woodland; broadleaved                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Habitat Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>Small patches of woodland recorded on site.</p> <p><b>TN 4:</b> some semi-mature trees and more recent regeneration</p> <p><b>TN 5:</b> some semi-mature trees and more recent regeneration</p> <p><b>TN 6:</b> Mainly comprised of small to medium size class alders with a limited understory, with some semi-mature trees at the southern end of the woodland</p> <p><b>TN 7, 8 &amp; 9:</b> Regenerating woodland composed of mainly small trees and little differentiation between canopy and understory</p> |
| <p><a href="http://ukhab.org.uk">ukhab – UK Habitat Classification</a></p> <p>This condition sheet is based on the England Woodland Biodiversity Group (EWBG) Woodland Condition Survey Method, available here:<br/><a href="http://sylva.org.uk">Woodland Wildlife Toolkit</a><br/>(<a href="http://sylva.org.uk">sylva.org.uk</a>)</p>                                                                                                                                                                             |

IMPORTANT: This biodiversity metric woodland condition assessment must be used to assess woodland being input into the biodiversity metric. The outputs of this condition assessment are not equivalent to, nor are they comparable with the scores from the EWBG condition assessment, because the EWBG assessment has been adapted for the biodiversity metric, including the removal of EWBG Indicator 7 (Proportion of favourable land cover around woodland) and Indicator 14 (Size of woodland), and minor changes to other indicators.

|                               |                                                                                                                                                                                                                                                        |                                                  |                                       |                                     |                     |                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|-------------------------------------|---------------------|------------------------------------|
| Site name and location        | Berewood – Blue Star Land                                                                                                                                                                                                                              | On-site or off-site                              | On-site                               |                                     |                     |                                    |
| Limitations (if applicable)   | The survey was conducted in March which is outside of the optimal survey period. However, the habitats/plant species recorded are all common and widespread. It is considered likely that a majority of plant species present will have been recorded. | Survey reference (if relating to a wider survey) | N/A                                   |                                     |                     |                                    |
| Grid reference                | <b>TN 4:</b> SU 67774 09261<br><b>TN 5:</b> SU 67810 09406<br><b>TN 6:</b> SU 67842 09261<br><b>TN 7:</b> SU 67762 09315<br><b>TN 8:</b> SU 67864 09354<br><b>TN 9:</b> SU 67881 09332                                                                 | Habitat parcel reference                         | N/A                                   |                                     |                     |                                    |
| Condition Assessment Criteria |                                                                                                                                                                                                                                                        |                                                  |                                       |                                     |                     |                                    |
| Indicator                     |                                                                                                                                                                                                                                                        | Good (3 points)                                  | Moderate (2 points)                   | Poor (1 point)                      | Score per indicator | Notes (such as justification)      |
| A                             | Age distribution of trees                                                                                                                                                                                                                              | Three age-classes <sup>1</sup> present.          | Two age-classes <sup>1</sup> present. | One age-class <sup>1</sup> present. | TN 4 & 6: 2         | TN 4 & 5: Trees between 1-20 years |

|          |                                                  |                                                                                      |                                                                                                                                                    |                                                                                                      |                           |                                                                                                                                                           |
|----------|--------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                                  |                                                                                      |                                                                                                                                                    |                                                                                                      | TN 7-9: 1                 | and between 20-150 years were recorded in each woodland.<br><br>TN 6-9: These woodlands contain no trees that are significantly older than 20 years.      |
| <b>B</b> | <b>Wild, domestic and feral herbivore damage</b> | No significant browsing damage evident in woodland <sup>2</sup> .                    | Evidence of significant browsing pressure is present in 40% or less of whole woodland <sup>2</sup> .                                               | Evidence of significant browsing pressure is present in 40% or more of whole woodland <sup>2</sup> . | TN 4-9: 3                 | TN 4-9: No significant evidence of herbivore activity was recorded in any of the woodlands.                                                               |
| <b>C</b> | <b>Invasive plant species</b>                    | No invasive species <sup>3</sup> present in woodland.                                | Rhododendron <i>Rhododendron ponticum</i> or cherry laurel <i>Prunus laurocerasus</i> not present, other invasive species <sup>3</sup> <10% cover. | Rhododendron or cherry laurel present, or other invasive species <sup>3</sup> >10% cover.            | TN 4-9: 3                 | TN 4-9: No schedule 9 species were recorded in any of the woodlands.                                                                                      |
| <b>D</b> | <b>Number of native tree species</b>             | Five or more native tree or shrub species <sup>4</sup> found across woodland parcel. | Three to four native tree or shrub species <sup>4</sup> found across woodland parcel.                                                              | Two or less native tree or shrub species <sup>4</sup> across woodland parcel.                        | TN 4-6: 3<br><br>TN -9: 2 | TN 4-5: oak, ash, hazel, holly and blackthorn were recorded in these woodlands.<br><br>TN 6: field maple, hawthorn, ash, holly and elder were recorded in |

|          |                                               |                                                                                                                                                                        |                                                                                              |                                                                                                                                                                        |                        |                                                                                                                        |
|----------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------|
|          |                                               |                                                                                                                                                                        |                                                                                              |                                                                                                                                                                        |                        | this woodland<br><br>TN 6-9: Four or fewer species were recorded in these woodlands.                                   |
| <b>E</b> | <b>Cover of native tree and shrub species</b> | >80% of canopy trees and >80% of understory shrubs are native <sup>5</sup> .                                                                                           | 50 - 80% of canopy trees and 50 - 80% of understory shrubs are native <sup>5</sup> .         | <50% of canopy trees and <50% of understory shrubs are native <sup>5</sup> .                                                                                           | TN 4-9: 3              | TN4-9: The canopy of all the woodland was predominantly native.                                                        |
| <b>F</b> | <b>Open space within woodland</b>             | 10 - 20% of woodland has areas of temporary open space <sup>6</sup> . Unless woodland is <10ha, in which case 0 - 20% temporary open space is permitted <sup>7</sup> . | 21 - 40% of woodland has areas of temporary open space <sup>6</sup> .                        | <10% or >40% of woodland has areas of temporary open space <sup>6</sup> . But if woodland <10ha has <10% temporary open space, please see Good category <sup>7</sup> . | TN 4-9: 3              | TN4-9: All of the woodlands were smaller than 10 hectares.                                                             |
| <b>G</b> | <b>Woodland regeneration</b>                  | All three classes present in woodland <sup>8</sup> ; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.              | One or two classes only present in woodland <sup>8</sup> .                                   | No classes or coppice regrowth present in woodland <sup>8</sup> .                                                                                                      | TN 4-5: 2<br>TN 6-9: 1 | TN 4-5: some smaller trees (4-7cm) were recorded).<br><br>TN 6-9: All smaller trees and regeneration had been cleared. |
| <b>H</b> | <b>Tree health</b>                            | Tree mortality less than 10%, no pests or diseases and no crown dieback <sup>9</sup> .                                                                                 | 11% to 25% mortality and/or crown dieback or low-risk pest or disease present <sup>9</sup> . | Greater than 25% tree mortality and or any high-risk pest or disease present <sup>9</sup> .                                                                            | TN 4-9: 3              | TN 4-9: None of the woodlands contained dead trees.                                                                    |

|          |                                    |                                                                                                                                       |                                                                                  |                                                                                     |                                                 |                                                                                                                                                                           |
|----------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>I</b> | <b>Vegetation and ground flora</b> | Recognisable NVC plant community <sup>10</sup> at ground layer present, strongly characterised by ancient woodland flora specialists. | Recognisable woodland NVC plant community <sup>10</sup> at ground layer present. | No recognisable woodland NVC plant community <sup>10</sup> at ground layer present. | TN 4: <b>2</b><br><br>TN 5-9: <b>1</b>          | TN 4: some woodland specialist species were recorded in the ground flora such as dog mercury.<br><br>TN 5-9: the ground flora contained predominantly generalist species. |
| <b>J</b> | <b>Woodland vertical structure</b> | Three or more storeys across all survey plots or a complex woodland <sup>11</sup> .                                                   | Two storeys across all survey plots <sup>11</sup> .                              | One or less storey across all survey plots <sup>11</sup> .                          | TN 4, 5 and 6: <b>2</b><br><br>TN 7-9: <b>1</b> | TN 4, 5 and 6: These woodlands had a distinguishable understory and canopy.<br><br>TN7-9: No differentiation was recorded in the canopy of these woodlands.               |
| <b>K</b> | <b>Veteran trees</b>               | Two or more veteran trees <sup>12</sup> per hectare.                                                                                  | One veteran tree <sup>12</sup> per hectare.                                      | No veteran trees <sup>12</sup> present in woodland.                                 | TN 4-9: <b>1</b>                                | TN 4-9: None of the woodland contained veteran trees.                                                                                                                     |

|                                    |                      |                                                                                                                                                                                                           |                                                                                                                                                                                                                    |                                                                                                                                                                                                              |                                            |                                                                                                                                                                                                                                    |
|------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L                                  | Amount of deadwood   | 50% of all survey plots within the woodland parcel have deadwood, such as standing deadwood, large dead branches and or stems, branch stubs and stumps, or an abundance of small cavities <sup>13</sup> . | Between 25% and 50% of all survey plots within the woodland parcel have deadwood, such as standing deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities <sup>13</sup> . | Less than 25% of all survey plots within the woodland parcel have deadwood, such as standing deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities <sup>13</sup> . | TN 4-9: 1                                  | TN 4-9: None of the woodland contained significant deadwood.                                                                                                                                                                       |
| M                                  | Woodland disturbance | No nutrient enrichment or damaged ground evident <sup>14</sup> .                                                                                                                                          | Less than 1 hectare in total of nutrient enrichment across woodland area and or less than 20% of woodland area has damaged ground <sup>14</sup> .                                                                  | More than 1 hectare of nutrient enrichment and or more than 20% of woodland area has damaged ground <sup>14</sup> .                                                                                          | TN 4-5: 2<br>TN 6-9: 1                     | TN 4-5: common nettle was recorded in the woodlands. Some rubbish was recorded in both areas and a rough sleeper's tent was set up in TN 5.<br><br>TN 6-9: Scrub had recently been cleared from the woodlands causing disturbance. |
| Total Score (out of a possible 39) |                      |                                                                                                                                                                                                           |                                                                                                                                                                                                                    |                                                                                                                                                                                                              | TN4: 30<br>TN5: 29<br>TN6: 27<br>TN7-9: 24 |                                                                                                                                                                                                                                    |
| Condition Assessment Result        |                      |                                                                                                                                                                                                           |                                                                                                                                                                                                                    | Condition Assessment Score                                                                                                                                                                                   | Result Achieved                            |                                                                                                                                                                                                                                    |
| Total score >32 (33 to 39)         |                      |                                                                                                                                                                                                           |                                                                                                                                                                                                                    | Good (3)                                                                                                                                                                                                     |                                            |                                                                                                                                                                                                                                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------|
| Total score 26 to 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Moderate (2) | TN4-TN6:<br>moderate<br>condition |
| Total score <26 (13 to 25)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Poor (1)     | TN7-TN9:<br>poor<br>condition     |
| Suggested enhancement interventions to improve condition score                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                                   |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                                   |
| Footnotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                   |
| <p>Footnotes below refer to the EWBG woodland condition assessment methodology: EWBG (No date). <i>Assessing your Woodland's Condition</i> [online]. Available from: <a href="http://www.woodlandwildlife.org.uk/">Woodland Wildlife Toolkit (sylva.org.uk)</a></p> <p>When applying this condition sheet, good practice would be to use the methodology associated with the EWBG toolkit.</p> <p><b>Footnote 1</b> - See EWBG method INDICATOR 1 for more information. If tree species is not a birch <i>Betula</i> sp., cherry <i>Prunus</i> sp. or <i>Sorbus</i> sp.: 0 – 20 years (Young); 21 - 150 years (Intermediate); and &gt;150 years (Old). For birch, cherry or <i>Sorbus</i> species; 0 - 20 years = Young; 21 - 60 years = Intermediate; &gt;60 years = Old. A recognisable age-class should be a consistent recognisable layer across the woodland or stand being assessed. Presence of a few saplings would not indicate that the woodland has an 'age-class' of young trees.</p> <p><b>Footnote 2</b> - See EWBG method INDICATOR 2 for more information. Browsing pressure is considered to be significant where &gt;20% of vegetation visible within each survey plot shows damage from any type of browsing pressure listed.</p> <p><b>Footnote 3</b> - See EWBG method INDICATOR 3 for more information. Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly.</p> <p>Check for the presence of all plant species listed on Schedule 9 of the Wildlife and Countryside Act 1981 (as amended), particularly the following invasive non-native species: American skunk cabbage <i>Lysichiton americanus</i>; Himalayan balsam <i>Impatiens glandulifera</i>; Japanese knotweed <i>Reynoutria japonica</i>; cherry laurel <i>Prunus laurocerasus</i>; shallon <i>Gaultheria shallon</i>; snowberry <i>Symphoricarpos albus</i>; variegated yellow archangel <i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i>; rhododendron <i>Rhododendron ponticum</i>; and tree-of-heaven <i>Ailanthus altissima</i>.</p> <p><b>Footnote 4</b> - See EWBG method INDICATOR 4 and Table 2 for more information. The number of different native tree or shrub species including young trees and shrubs. A list of commonly found native tree and shrub species is provided in Table 2. Not all species listed are native to all parts of the UK. Note a list of commonly found non-native tree species are also included and should be recorded if present.</p> <p><b>Footnote 5</b> - See EWBG method INDICATOR 5 and for more information. The abundance of native tree species in upper (&gt;5 m) and understorey (up to 5 m) layers including young trees and shrubs.</p> |              |                                   |

**Footnote 6** - See EWBG method INDICATOR 6 for more information. Open space within woodland in this context is temporary open space in which trees can be expected to regenerate (for example, glades, rides, footpaths, areas of clear-fell). This differs from permanent open space where tree regeneration is not possible or desirable (for example, tarmac, buildings, rivers). Area is at least 10 m wide with less than 20% covered by shrubs or trees.

**Footnote 7** – Given the increased ratio of edge habitat to woodland where the woodland is <10ha.

**Footnote 8** - See EWBG method INDICATOR 8 for more information. This indicator measures regeneration potential of the woodland by considering three classes: seedlings; saplings; and young trees of 4-7 cm DBH. All three classes would fall in the 'young' category of the 'age distribution of trees' indicator, but the regeneration indicator gathers additional information by considering regeneration potential - if seedlings, saplings and young trees are all present that means natural regeneration processes are happening.

**Footnote 9** - See EWBG method INDICATOR 9 for more information and Table 3 for a list of diseases and pests and their risk level.

**Footnote 10** - See EWBG method INDICATOR 10 directing to NVC key for more information. The 'UKHab to NVC translation table' in the UK Habitat Classification resources may also be useful to assess this.

**Footnote 11** – This criterion looks at structural diversity and is useful to understand in conjunction with the age of trees in a woodland. Vertical structure is defined as the number of canopy storeys present. Possible storey values are: 1) Upper; 2) Complex: recorded when the stand is composed of multiple tree heights that cannot easily be stratified into broad height bands (such as upper, middle or lower); 3) Middle; 4) Lower; and 5) Shrub layer. There might be no storeys where the woodland has been felled. See EWBG INDICATOR 11 for more information.

**Footnote 12** - See EWBG method INDICATOR 12 for more information. See gov.uk standing advice on ancient and veteran trees. Available from:

[Keepers of time: ancient and native woodland and trees policy in England](https://www.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/61444/Keepers_of_time_-_ancient_and_native_woodland_and_trees_policy_in_England.pdf)  
([publishing.service.gov.uk](https://www.publishing.service.gov.uk))

and:

[Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/61444/Ancient_woodland,_ancient_trees_and_veteran_trees_advice_for_making_planning_decisions_-_GOV.UK.pdf) ([www.gov.uk](https://www.gov.uk))

**Footnote 13** – See EWBG method INDICATOR 13 for more information. This includes logs, large dead branches on the forest floor and stumps (<1 m tall) >20 cm diameter at narrowest point and >50 cm long. Also includes standing dead trees (>1 m tall) and also deadwood on standing live trees. Diameter is measured at the narrowest point on the stem. Minimum diameter of 20 cm.

**Footnote 14** - See EWBG method INDICATOR 15 for more information. Examples of disturbance are: significant nutrient enrichment; soil compaction from trampling, machinery, animal poaching or litter.

| Condition Sheet: INDIVIDUAL TREES Habitat Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                         |                                                         |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------|
| Habitat Types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                         |                                                         |                                      |
| Individual trees – Rural trees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                         |                                                         |                                      |
| Habitat Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                         |                                                         |                                      |
| Small and medium size-class individual trees were scattered around the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                         |                                                         |                                      |
| <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>T1: small size-class pedunculate oak</p> <p>T2: small size-class pedunculate oak</p> <p>T3: small size-class pedunculate oak</p> <p>T4: small size-class field maple</p> <p>T5: small size-class goat willow</p> <p>T6: small size-class goat willow</p> <p>T7: medium size-class goat willow</p> <p>T8: small size-class oak</p> <p>T9: medium size-class birch species</p> <p>T10: small size-class oak</p> <p>T11: small size-class goat willow</p> <p>T12: small size-class oak</p> <p>T13: small size-class non-native birch</p> <p>T14: small size-class pedunculate oak</p> <p>T15: small size-class goat willow</p> </div> <div style="width: 50%;"> <p>T16: medium size-class crack willow</p> <p>T17: small size-class ash</p> <p>T18: small size-class goat willow</p> <p>T19: small size-class goat willow</p> <p>T20: small size-class goat willow</p> <p>T21: small size-class goat willow</p> <p>T22: small size-class pedunculate oak</p> <p>T23: small size-class pedunculate oak</p> <p>T24: small size-class pedunculate oak</p> <p>T25: small size-class pedunculate oak</p> <p>T26: small size-class pedunculate oak</p> <p>T27: small size-class field maple</p> <p>T28: small size-class hawthorn</p> <p>T29: small size-class ash</p> <p>T30: small size-class leylandii</p> </div> </div> |                                                                                                                                                         |                                                         |                                      |
| <b>Individual trees (description applied to the urban or rural environment):</b><br>Young trees over 7.5 cm in diameter at breast height whose canopies are not touching.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                         |                                                         |                                      |
| <b>Urban Perimeter / Linear Blocks and Groups (description applied to the urban environment only):</b><br>Groups or stands of trees (size requirement as defined above) within and around the perimeter of urban land. This includes those along urban streets, highways, railways and canals, and also former field boundary trees incorporated into developments. Canopies should predominantly overlap continuously. Groups of urban trees that don't match the descriptions for woodland may be assessed within this category.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                         |                                                         |                                      |
| <b>On-site or off-site, site name and location</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | On-site at Berewood Blue Star Land                                                                                                                      | <b>Survey date and Surveyor name</b>                    | 10 <sup>th</sup> March 2026          |
| <b>Limitations (if applicable)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | The survey was conducted in March which is outside of the optimal survey period. However, trees can generally be identified and assessed out of season. | <b>Survey reference (if relating to a wider survey)</b> | N/A                                  |
| <b>Grid reference</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SU 67818 09344 – see habitat map for exact location of each tree                                                                                        | <b>Habitat parcel reference</b>                         | N/A                                  |
| <b>Condition Assessment Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                         | <b>Criterion passed (Yes or No)</b>                     | <b>Notes (such as justification)</b> |

Grainger Plc  
Ecology report – Blue Star Land, Berewood

|                                                 |                                                                                                                                                                                                                                                                                         |                                                   |                                                                                                                                                          |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| A                                               | The tree is a native species (or at least 70% within the block are native species).                                                                                                                                                                                                     | Yes: T1-12, T14-T30<br>No: T13 and T31            | T13 was a non-native birch species and T31 was a leylandii. The other individual trees recorded were native (e.g. pedunculate oak, ash and field maple). |
| B                                               | The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion).                                                                                         | Yes: T1-T31                                       | All the trees had continuous canopies                                                                                                                    |
| C                                               | The tree is mature (or more than 50% within the block are mature) <sup>1</sup> .                                                                                                                                                                                                        | No: T1-T31                                        | None of the trees were of a large size-class and all of the trees have established since approximately 25 years ago.                                     |
| D                                               | There is little or no evidence of an adverse impact on tree health by human activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height. | Yes: T1-T31                                       | The trees were unmanaged and had not been damaged by human activities                                                                                    |
| E                                               | Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.                                                                                                                                                     | No: T1-T31                                        | The trees are too young to have formed significant dead wood and none had dense ivy coverage                                                             |
| F                                               | More than 20% of the tree canopy area is oversailing vegetation beneath.                                                                                                                                                                                                                | Yes: T1-T31                                       | All of the individual tree oversailed g4 grassland or scrub                                                                                              |
| Number of criteria passed                       |                                                                                                                                                                                                                                                                                         | T1-12, T14-T30: <b>4</b><br>T13 and T31: <b>3</b> |                                                                                                                                                          |
| Condition Assessment Result (out of 6 criteria) | Condition Assessment Score                                                                                                                                                                                                                                                              | Score Achieved x/√                                |                                                                                                                                                          |

Grainger Plc  
Ecology report – Blue Star Land, Berewood

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |              |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--|
| Passes 5 or 6 criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Good (3)     |              |  |
| Passes 3 or 4 criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Moderate (2) | T1-T31:<br>✓ |  |
| Passes 2 or fewer criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Poor (1)     |              |  |
| Note that 'Fairly Good and Fairly Poor' condition categories are not available for this broad habitat type.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |              |  |
| Suggested enhancement interventions to improve condition score <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |              |  |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |              |  |
| Footnotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |              |  |
| <p><b>Footnote 1</b> - See gov.uk standing advice on ancient and veteran trees. Available from:</p> <p><a href="#">Keepers of time: ancient and native woodland and trees policy in England (publishing.service.gov.uk)</a></p> <p>and:</p> <p><a href="#">Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK (www.gov.uk)</a></p> <p><b>Footnote 2</b> - Enhancement of this habitat type is only possible by improving the habitat so that it meets all Criteria B, D and F. It is not possible or appropriate to enhance individual tree/s through meeting just one or two of those Criteria, nor by meeting Criteria A, C or E.</p> |              |              |  |

| Condition Sheet: DITCH Habitat Type         |                                                                                                                                                                                                                                                        |                                                  |                               |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------|
| Habitat Type                                |                                                                                                                                                                                                                                                        |                                                  |                               |
| Watercourses - Ditches                      |                                                                                                                                                                                                                                                        |                                                  |                               |
| Habitat Description                         |                                                                                                                                                                                                                                                        |                                                  |                               |
| See the Biodiversity Metric 4.0 User Guide. |                                                                                                                                                                                                                                                        |                                                  |                               |
| Site name and location                      | Berewood Blue Star Land                                                                                                                                                                                                                                | On-site or off-site                              | On-site                       |
| Limitations (if applicable)                 | The survey was conducted in March which is outside of the optimal survey period. However, the habitats/plant species recorded are all common and widespread. It is considered likely that a majority of plant species present will have been recorded. | Survey reference (if relating to a wider survey) | N/A                           |
| Grid reference                              | D1: SU 67766 09373<br>D2: SU 67857 09310                                                                                                                                                                                                               | Habitat parcel reference                         | N/A                           |
| Condition Assessment Criteria               |                                                                                                                                                                                                                                                        | Criterion passed (Yes or No)                     | Notes (such as justification) |

Grainger Plc  
Ecology report – Blue Star Land, Berewood

|                           |                                                                                                                                                                                                       |                   |                                                                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| A                         | The ditch is of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.                                                                                        | D1 &<br>D2: Yes   | The water in the ditches was clear (low turbidity)                                                                                                    |
| B                         | A range of emergent, submerged and floating-leaved plants are present. As a guide >10 species of emergent, floating or submerged plants present in a 20 m ditch length.                               | D1 &<br>D2: No    | D1 was mostly devoid of vegetation, D2 only contained a small number of specialist emergent species such as brooklime along one section of the ditch. |
| C                         | There is less than 10% cover of filamentous algae and or duckweed <i>Lemna</i> spp. (these are signs of eutrophication).                                                                              | D1 &<br>D2: Yes   | No duckweed or filamentous algae was recorded in D1 or D2.                                                                                            |
| D                         | A fringe of aquatic marginal vegetation is present along more than 75% of the ditch.                                                                                                                  | D1 &<br>D2: No    | The margins of most ditches were predominantly bare ground or dominated by generalist species such as common nettle.                                  |
| E                         | Physical damage is evident along less than 5% of the ditch, with examples of damage including: excessive poaching, damage from machinery use or storage, or any other damaging management activities. | D1 &<br>D2: No    | D1 and D2 run through culverts and litter/rubbish was recorded in both.                                                                               |
| F                         | Sufficient water levels are maintained - as a guide a minimum summer depth of approximately 50 cm in minor ditches and 1 m in main drains.                                                            | D1 &<br>D2: No    | Despite being surveyed during relatively wet conditions the water level of the ditches was less than ten centimetres.                                 |
| G                         | Less than 10% of the ditch is heavily shaded.                                                                                                                                                         | D1: No<br>D2: Yes | A majority of the length of D1 was heavily shaded by woody vegetation. No section of D2 was densely shaded and some sections were in open habitat.    |
| H                         | There is an absence of non-native plant and animal species <sup>1</sup> .                                                                                                                             | D1: Yes<br>D2: No | No non-native species were recorded along D1. Ground elder was recorded on the banks of D2.                                                           |
| Number of criteria passed |                                                                                                                                                                                                       | D1 and<br>D2: 3   |                                                                                                                                                       |

Grainger Plc  
Ecology report – Blue Star Land, Berewood

| Condition Assessment Result (out of 8 criteria)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Condition Assessment Score | Score Achieved x/✓ |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|--|
| Passes 8 criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Good (3)                   |                    |  |
| Passes 6 or 7 criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Moderate (2)               |                    |  |
| Passes 5 or fewer criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Poor (1)                   | D1 & D2:<br>✓      |  |
| Suggested enhancement interventions to improve condition score                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            |                    |  |
| N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            |                    |  |
| Footnotes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |                    |  |
| <p><b>Footnote 1</b> – This includes any species listed on the Water Framework Directive UKTAG GB High Impact Species List: Water Framework Directive (WFD) UKTAG (2021) <i>Classification of aquatic alien species according to their level of impact</i> [online]. Available from: <a href="https://wfd.uk.org/">UKTAG classification of alien species working paper v8.pdf (wfd.uk.org)</a></p> <ul style="list-style-type: none"> <li>• Frequently occurring non-native plant species include water fern <i>Azolla filiculoides</i>, Australian swamp stonecrop <i>Crassula helmsii</i>, parrot's feather <i>Myriophyllum aquaticum</i>, floating pennywort <i>Hydrocotyle ranunculoides</i>, Japanese knotweed <i>Reynoutria japonica</i> and giant hogweed <i>Heracleum mantegazzianum</i> (on the bank).</li> <li>• Frequently occurring non-native animals include signal crayfish <i>Pacifastacus leniusculus</i>, zebra mussel <i>Dreissena polymorpha</i>, killer shrimp <i>Dikerogammarus villosus</i>, demon shrimp <i>Dikerogammarus haemobaphes</i>, and carp <i>Cyprinus carpio</i>.</li> </ul> |                            |                    |  |

## APPENDIX VII: Badger activity map 2023



2026



### 20 metre buffer zone around sett entrances

