

## Biodiversity Net Gain Assessment

### Site Address:

Civic Centre Car Park, Cricket Field Road, Uxbridge UB8 1UW

### Client:

London Borough of Hillingdon

### Assessment Date:

23<sup>rd</sup> September 2026

### Project:

This report is prepared to inform a planning application with the London Borough of Hillingdon. The proposal is described as:

This report is prepared to inform a planning application with the London Borough of Hillingdon. The proposal is described as:

Demolition of the existing multi-storey car park and redevelopment of the site to provide a 160-bed residential care home (Use Class C2) of up to 5 storeys and a basement with associated access, servicing, parking and landscaping works.

BNG assessment methodology and legislation can be found in the Arbtech Supplement: **BNG Methodology and Legislation – 2025.**

The results and recommendations contained within this report are valid for 18 months. An updated site visit and BNG assessment may be required if the report is to be used any longer than 18 months after completion.

| Version Control |       |                                                 |            |
|-----------------|-------|-------------------------------------------------|------------|
| Status          | Issue | Name                                            | Date       |
| Final           | 1.0   | Harry Brindle, BSc (Hons), Consultant Ecologist | 23/09/2026 |
| Updated         | 2.0   | Harry Brindle, BSc (Hons), Consultant Ecologist | 28/09/2026 |

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## Site Location and Context

A baseline habitat map is provided in **Appendix 1**, a post development habitat map in **Appendix 2**, a proposed development plan in **Appendix 3**, headline BNG results in **Appendix 4**, and condition assessments in **Appendix 5**.

The site is centred at National Grid reference TQ 05691 83699 and has an area of approximately 0.74ha.

This report should be read in conjunction with the following documents:

- ❖ Statutory BNG Metric – Civic Centre Car Park, UB8 1UW – v2 (Arbtech Consulting Ltd., 2026)
- ❖ Proposed Plan (Hunters, 2026)
- ❖ Preliminary Ecological Appraisal (PEA) – Civic Centre Car Park, UB8 1UW – v1 (Arbtech Consulting Ltd., 2026)

## Executive Summary

The current landscaping proposal generates a net change of area-based habitat units (10.30%) and a net change of linear-based habitat units, however there are unmet trading rules. In line with the Statutory Biodiversity Metric User Guide (2025), any loss of a habitat must be replaced on a like-for-like or like-for-better principle.

In order to achieve a +10% biodiversity net gain for area-based habitats, a minimum area-based unit score of 3.79 will need to be achieved. At present, there is no unit deficit however, in order to satisfy BNG trading rules **0.62 units of individual trees** are required.

Given the number of trees that would be required to compensate for the loss of trees on site, and the inability to retain further trees on site due to development plans, there is no scope on site to satisfy BNG trading rules. Therefore based on the proposed plans, offsite compensation will be required.

Introduction

| BNG Informative                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Habitat Degradation Statement   | Date reflected by BNG calculations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 <sup>rd</sup> June 2026 |
|                                 | <p>The baseline biodiversity value of the site is derived from the site as observed during the PEA field survey (Arbtech Consulting Ltd., 2026). As evident in the screenshots of satellite imagery obtained from GoogleEarth dated April 2020 and April 2026, the site does not appear to have undergone any degradation. The habitats on site, and therefore biodiversity value of the site, is not considered to have undergone degradation since 30<sup>th</sup> January 2020.</p> <div></div> |                           |
| Irreplaceable Habitat Statement | <p>No irreplaceable habitats as listed under the Biodiversity Gain Requirements (Irreplaceable Habitat) Regulations (2024) are currently present nor were present before 30<sup>th</sup> January 2020.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Metric Version & Publication Date                     | Statutory Biodiversity Metric Calculation Tool first published 29 <sup>th</sup> November 2023 with last updates to metric tools and user guides on 3 <sup>rd</sup> July 2025.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |
| BNG Target Uplift                                     | +10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                     |
| National Character Area (NCA)                         | 115 – Thames Valley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |
| Strategic Significance                                | <p>The Local Nature Recovery Strategy (LNRS) for the Greater London Area has been developed, with a local habitat map published (<a href="https://www.london.gov.uk/programmes-strategies/environment-and-climate-change/parks-green-spaces-and-biodiversity/local-nature-recovery-strategy">https://www.london.gov.uk/programmes-strategies/environment-and-climate-change/parks-green-spaces-and-biodiversity/local-nature-recovery-strategy</a>); this LNRS habitat map was used to determine strategic significance.</p> <p>When the site is cross referenced on the habitat map, it is revealed there are no strategic plans for the site and that it doesn't fall within an Area of Particular Importance for Biodiversity. As such, no elevated strategic significance is awarded for any baseline or proposed habitats.</p> |  |
| <b>Limitations</b>                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |
| There were no specific limitations to the assessment. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |

## Baseline

## Baseline Biodiversity Value: On-Site

## Area-Based Habitats (A-1)

| Habitat                        | Area (ha) | Description                                                                                                                                                                                                                                                                                                                                                                                  | Condition Assessment                                                                                                              | Strategic Significance            |
|--------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Modified grassland             | 0.154     | The site contains areas of grassland comprised of a low variety of common grassland species. This grassland is actively managed via regular mowing, resulting in a short sward of ~5cm. No signs of compaction or damage are present, resulting in areas of bare ground totalling <10% of the site. The species composition is poor, with less than 8 vascular plant species present per m2. | <b>Poor:</b> Fails essential criteria A.                                                                                          | <b>Low</b> Strategic Significance |
| Other woodland; broadleaved    | 0.0972    | An area of the southern and eastern portion of the site consists of woodland.                                                                                                                                                                                                                                                                                                                | <b>Poor:</b> passes 24 of 30 criteria                                                                                             |                                   |
| Developed land; sealed surface | 0.4512    | Sections of hard-standing surface are present in the form of tarmacked road and access pavement, as well as B1 which makes up the majority of the site.                                                                                                                                                                                                                                      | Habitat condition pre-determined as ' <b>N/A</b> ' as detailed within the Statutory Biodiversity Condition Assessment Supplement. |                                   |
| Urban tree                     | 0.2076    | 18 scattered trees are present across the site, comprising a mix of native and non-native species.                                                                                                                                                                                                                                                                                           | <b>Good:</b> passes 5 or 6 of 6 criteria                                                                                          |                                   |
| Urban tree                     | 0.0326    |                                                                                                                                                                                                                                                                                                                                                                                              | <b>Moderate:</b> passes 3 or 4 of 6 criteria                                                                                      |                                   |

## Post-Development

## Post-Development Biodiversity Value: On-Site

## Area-Based Habitats

|                | Habitat                        | Area (ha) | Description                                                          | Condition Assessment                                                                                                     | Strategic Significance               |
|----------------|--------------------------------|-----------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Retained (A-1) | Urban tree                     | 0.1262    | Retained trees on site.                                              | <b>Good:</b> passes 5 or 6 of 6 criteria                                                                                 | <b>Low</b><br>Strategic Significance |
|                | Urban tree                     | 0.0163    |                                                                      | <b>Moderate:</b> passes 3 or 4 of 6 criteria                                                                             |                                      |
| Created (A-2)  | Other neutral grassland        | 0.146     | Proposed wildflower grassland planting.                              | <b>Moderate:</b> passes 4 of 6 criteria                                                                                  |                                      |
|                | Modified grassland             | 0.0185    | Proposed modified grassland areas.                                   | <b>Moderate:</b> passes 4 of 7 criteria                                                                                  |                                      |
|                | Introduced shrub               | 0.041     | Proposed ornamental planting areas.                                  | Habitat condition pre-determined as 'N/A' as detailed within the Statutory Biodiversity Condition Assessment Supplement. |                                      |
|                | Ground level planters          | 0.0024    |                                                                      |                                                                                                                          |                                      |
|                | Developed land; sealed surface | 0.4074    | Proposed developed land including buildings and hardstanding.        |                                                                                                                          |                                      |
|                | Intensive green roof           | 0.0114    | Proposed intensive green roof on a section of the proposed building. | <b>Good:</b> Passes 4 of 4 criteria                                                                                      |                                      |
|                | Urban tree                     | 0.1588    | Proposed scattered trees throughout the site.                        | <b>Moderate:</b> passes 3 of 6 criteria                                                                                  |                                      |
| Enhanced (A-3) | Other woodland; broadleaved    | 0.0722    | Area of retained and enhanced woodland with improved ground flora.   | <b>Moderate:</b> passes 26 of 39 criteria                                                                                |                                      |

| Linear-Based Habitats |                 |             |                                                |                                     |                                      |
|-----------------------|-----------------|-------------|------------------------------------------------|-------------------------------------|--------------------------------------|
|                       | Habitat         | Length (km) | Description                                    | Condition Assessment                | Strategic Significance               |
| Created (B-2)         | Native hedgerow | 0.25        | Proposed hedgerow planted throughout the site. | <b>Poor:</b> passes 3 of 8 criteria | <b>Low</b><br>Strategic Significance |

Change of Biodiversity Value

|                    |                  | Biodiversity Units   |                  |                   |
|--------------------|------------------|----------------------|------------------|-------------------|
|                    |                  | Area-Based           | Linear-Based     | Watercourse-Based |
| On-Site            | Baseline         | 3.45 units           | 0 units          | N/A               |
|                    | Post-Development | 3.80 units           | 0.48 units       | N/A               |
|                    | Net Change       | 0.36 units (+10.30%) | 0.48 units (N/A) | N/A               |
| Off-Site           | Baseline         | N/A                  | N/A              | N/A               |
|                    | Post-Development | N/A                  | N/A              | N/A               |
|                    | Net Change       | N/A                  | N/A              | N/A               |
| Overall Net Change |                  | 0.36 units (+10.30%) | 0.48 units (N/A) | N/A               |

Results, Discussion, and Next Steps

| BNG Informative                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Results                        | <p>The current landscaping proposal generates a net change of area-based habitat units (10.30%) and a net change of linear-based habitat units, however there are unmet trading rules. In line with the Statutory Biodiversity Metric User Guide (2025), any loss of a habitat must be replaced on a like-for-like or like-for-better principle. At present, trading conditions are not satisfied for the loss of scattered trees (medium distinctiveness). With unmet trading conditions and a net loss, the proposal fails principal Rules 1 and 2 of BNG and is not compliant with current legislation (Environment Act 2021) and planning policies (National Planning Policy Framework, 2026).</p> <p>In order to achieve a +10% biodiversity net gain for area-based habitats, a minimum area-based unit score of 3.79 will need to be achieved. At present, there is no unit deficit however, in order to satisfy BNG trading rules <b>0.62 units of individual trees</b> are required.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Recommendations and Next Steps | <p>In order to achieve the required net gain in biodiversity as a result of the proposed development, the provision of additional or alternative landscaping should be explored and the proposed plans amended accordingly to achieve a net gain on site. The provisioning of additional landscaping should first be considered within the site boundary.</p> <p>Given the number of trees that would be required to compensate for the loss of trees on site, and the inability to retain further trees on site due to development plans, there is no scope on site to satisfy BNG trading rules. Therefore based on the proposed plans, it is unlikely that net gain will be achieved by ways of habitat creation/enhancement without significant changes to the proposals on site or require unfeasible commitments off-site. As such, a financial contribution to off-site ecological enhancements (i.e. purchasing biodiversity units) within an approved scheme is required to make up the +10% net gain for area-based habitat units. The mechanism for securing this off-setting will need to be proposed to and confirmed by the LPA and would be linked to the application through a planning obligation Section 106 (s106) agreement. The proposed habitat compensation must be of an appropriate distinctiveness to meet the trading rules of BNG.</p> <p>A summary as to what off-site units will be required is detailed in the table below.</p> |

|                  |                                                                                                                                                                                                                                                                                            | Area-Based | Distinctiveness | Broad Habitat Group | Habitat    | Units Required |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|---------------------|------------|----------------|
|                  |                                                                                                                                                                                                                                                                                            |            | Medium          | Individual Trees    | Urban Tree | 0.62           |
|                  |                                                                                                                                                                                                                                                                                            |            | Total           |                     |            | 0.62           |
| Pre-Commencement | A Biodiversity Gain Plan (BGP) and Habitat Management and Monitoring Plan (HMMP) must be produced for the site. This should include recommendations for the implementation, management and monitoring of the site for at least 30 years to ensure that biodiversity net gain is delivered. |            |                 |                     |            |                |
|                  | These additional requirements can only be actioned following the finalisation of the BNG assessment – be it on-site or off-site net gains sought.                                                                                                                                          |            |                 |                     |            |                |

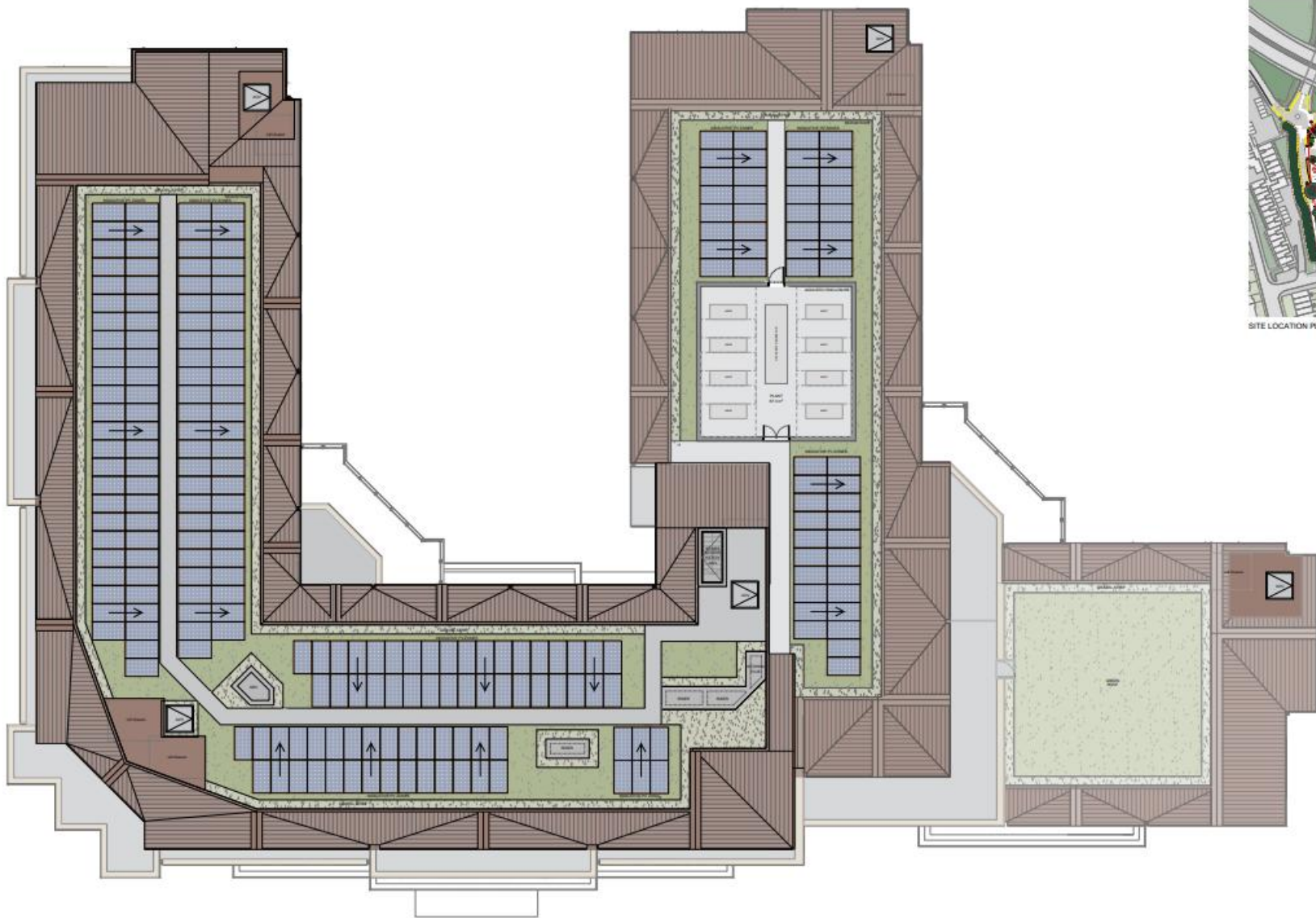
Appendix 1: Baseline Habitat Plan



Appendix 2: Post-Development Habitat Plan







SITE LOCATION PLAN 1:1250@A1



PROPOSED ROOF PLAN  
1:100@A1



|                    |                                            |
|--------------------|--------------------------------------------|
| PROJECT NAME       | CRICKET FIELD ROAD CAR PARK, UXBRIDGE, UB8 |
| CLIENT             | RESIDENTIAL CARE HOMES                     |
| PROPOSED ROOF PLAN | 1 of 1                                     |
| DATE               | 1/10/2017                                  |
| BY                 | 1/10/2017                                  |
| REVISION           | 2/0                                        |
| PLANNING           | 1/10/2017                                  |
| 1/10/2017          | 1/10/2017                                  |



Appendix 4: Headline BNG Results

The Defra Statutory Biodiversity Metric is provided as a separate excel spreadsheet.

| FINAL RESULTS                                                                                         |        |                                |                |              |
|-------------------------------------------------------------------------------------------------------|--------|--------------------------------|----------------|--------------|
| Total net unit change<br>(Including all on-site & off-site habitat retention, creation & enhancement) |        | Area habitat units             | 0.36           |              |
|                                                                                                       |        | Hedgerow units                 | 0.48           |              |
|                                                                                                       |        | Watercourse units              | 0.00           |              |
| Total net % change<br>(Including all on-site & off-site habitat retention, creation & enhancement)    |        | Area habitat units             | 10.30%         |              |
|                                                                                                       |        | Hedgerow units                 | N/A            |              |
|                                                                                                       |        | Watercourse units              | 0.00%          |              |
| Trading rules satisfied?                                                                              |        | No - Check Trading Summaries ▲ |                |              |
|                                                                                                       |        |                                |                |              |
| Unit Type                                                                                             | Target | Baseline Units                 | Units Required | Unit Deficit |
| Area habitat units                                                                                    | 10.00% | 3.45                           | 3.79           | 0.00         |
| Hedgerow units                                                                                        | 10.00% | 0.00                           | 0.00           | 0.00         |
| Watercourse units                                                                                     | 10.00% | 0.00                           | 0.00           | 0.00         |

| Very High + High Distinctiveness Surplus Availability |    |                                            |  |               |  |                         |  |                                  |                                  |                                  | Medium Distinctiveness Losses    |       | Rule 1 | Rule 2 | Rule 3 | Rule 4 |  | Final Losses in Tier |
|-------------------------------------------------------|----|--------------------------------------------|--|---------------|--|-------------------------|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-------|--------|--------|--------|--------|--|----------------------|
| Habitat Group                                         |    | Unit Gain Available in Broad Habitat Group |  | Habitat Group |  | Losses Requiring Offset |  | Remaining Available After Rule 1 | Remaining Available After Rule 2 | Remaining Available After Rule 3 | Remaining Available After Rule 4 |       |        |        |        |        |  |                      |
| MEDIUM                                                | A1 | Cropland                                   |  | 0.00          |  | Cropland                |  | 0.00                             |                                  | 0.00                             |                                  | -0.62 | -0.62  | -0.62  | A1     | -0.62  |  |                      |
|                                                       |    | Grassland                                  |  | 0.00          |  | Grassland               |  | 0.00                             |                                  |                                  |                                  |       |        |        |        |        |  |                      |
|                                                       |    | Heathland and shrub                        |  | 0.00          |  | Heathland and shrub     |  | 0.00                             |                                  |                                  |                                  |       |        |        |        |        |  |                      |
|                                                       |    | Urban                                      |  | 0.00          |  | Urban                   |  | 0.00                             |                                  |                                  |                                  |       |        |        |        |        |  |                      |
|                                                       |    | Individual trees                           |  | 0.00          |  | Individual trees        |  | -0.62                            |                                  |                                  |                                  |       |        |        |        |        |  |                      |
|                                                       | A2 | Woodland and forest                        |  | 0.00          |  | Woodland and forest     |  | 0.00                             |                                  | 0.00                             |                                  | 0.00  | 0.00   | 0.00   | A2     | 0.00   |  |                      |
|                                                       |    | Intertidal sediment                        |  | 0.00          |  | Intertidal sediment     |  | 0.00                             |                                  |                                  |                                  |       |        |        |        |        |  |                      |
|                                                       |    | Lakes                                      |  | 0.00          |  | Lakes                   |  | 0.00                             |                                  |                                  |                                  |       |        |        |        |        |  |                      |
|                                                       | A4 | Sparsely vegetated land                    |  | 0.00          |  | Sparsely vegetated land |  | 0.00                             |                                  | 0.00                             |                                  | 0.00  | 0.00   | 0.00   | A4     | 0.00   |  |                      |
|                                                       |    | Wetland                                    |  | 0.00          |  | Wetland                 |  | 0.00                             |                                  |                                  |                                  |       |        |        |        |        |  |                      |
| Total Remaining Units Available                       |    |                                            |  |               |  |                         |  | 0.00                             |                                  | 0.00                             |                                  | 0.00  |        | 0.00   |        |        |  |                      |

## Appendix 5a: Baseline Habitat Condition Assessment Sheets

### Modified grassland (g4) condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | There are 6-8 vascular plant species per m2 present, including at least 2 forbs (these may include 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> ). 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 m2 (excluding those listed in the previous sentence), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. | <b>N</b>         |
| <b>B</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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>N</b>         |
| <b>C</b> | 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). Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Y</b>         |
| <b>D</b> | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Y</b>         |
| <b>E</b> | Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens). 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>Y</b>         |
| <b>F</b> | Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Y</b>         |
| <b>G</b> | There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Total 5/7</b> |
|          | Condition <b>poor</b> due to passing 5 of 7 criteria. Essential criteria (A) not met; condition capped at poor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |

## Other woodland; broadleaved (w1g) condition assessment.

| Category                                            | Good<br>(3 points)                                                                                                                                                                                                             | Moderate<br>(2 points)                                                                                                      | Poor<br>(1 point)                                                                                                                           | Score    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>A.</b> Age distribution of trees                 | Three age-classes present.                                                                                                                                                                                                     | Two age-classes present.                                                                                                    | One age-class present.                                                                                                                      | <b>2</b> |
| <b>B.</b> Wild, domestic and feral herbivore damage | No significant browsing damage evident in woodland.                                                                                                                                                                            | Evidence of significant browsing pressure is present in less than 40% of whole woodland.                                    | Evidence of significant browsing pressure is present in 40% or more of whole woodland.                                                      | <b>3</b> |
| <b>C.</b> Invasive plant species                    | No invasive species present in woodland.                                                                                                                                                                                       | Rhododendron Rhododendron ponticum or cherry laurel Prunus laurocerasus not present, and other invasive species <10% cover. | Rhododendron or cherry laurel present, or other invasive species ≥10% cover.                                                                | <b>3</b> |
| <b>D.</b> Number of native tree species             | Five or more native tree or shrub species found across woodland parcel.                                                                                                                                                        | Three to four native tree or shrub species found across woodland parcel.                                                    | Two or less native tree or shrub species across woodland parcel.                                                                            | <b>2</b> |
| <b>E.</b> Cover of native tree and shrub species    | >80% of canopy trees and >80% of understory shrubs are native.                                                                                                                                                                 | 50 - 80% of canopy trees and 50 - 80% of understory shrubs are native.                                                      | <50% of canopy trees and <50% of understory shrubs are native.                                                                              | <b>2</b> |
| <b>F.</b> Open space within woodland                | 10 - 20% of woodland has areas of temporary open space. Unless woodland is <10ha, in which case 0 - 20% temporary open space is permitted (given the increased ratio of edge habitat to woodland where the woodland is <10ha). | 21 - 40% of woodland has areas of temporary open space.                                                                     | <10% or >40% of woodland has areas of temporary open space. But if woodland <10ha has <10% temporary open space, please see Good category7. | <b>1</b> |
| <b>G.</b> Woodland regeneration                     | All three classes present in woodland; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.                                                                                    | One or two classes only present in woodland.                                                                                | No classes or coppice regrowth present in woodland.                                                                                         | <b>1</b> |
| <b>H.</b> Tree health                               | Tree mortality 10% or less, no pests or diseases and no crown dieback.                                                                                                                                                         | 11% to 25% tree mortality and or crown dieback or low-risk pest or disease present.                                         | Greater than 25% tree mortality and or any high-risk pest or disease present.                                                               | <b>2</b> |

|                                       |                                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                                                          |                        |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>I.</b> Vegetation and ground flora | Recognisable NVC plant community at ground layer present, strongly characterised by ancient woodland flora specialists.                                                                               | Recognisable woodland NVC plant community at ground layer present.                                                                                                                                             | No recognisable woodland NVC plant community at ground layer present.                                                                                                                                    | <b>1</b>               |
| <b>J.</b> Woodland vertical structure | Three or more storeys across all survey plots, or a complex woodland.                                                                                                                                 | Two storeys across all survey plots.                                                                                                                                                                           | One or less storey across all survey plots.                                                                                                                                                              | <b>2</b>               |
| <b>K.</b> Veteran trees               | Two or more veteran trees per hectare.                                                                                                                                                                | One veteran tree per hectare.                                                                                                                                                                                  | No veteran trees present in woodland.                                                                                                                                                                    | <b>1</b>               |
| <b>L.</b> Amount of deadwood          | 50% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, branch stubs and stumps, or an abundance of small cavities. | Between 25% and 50% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities. | Less than 25% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities. | <b>1</b>               |
| <b>M.</b> Woodland disturbance        | No nutrient enrichment or damaged ground evident.                                                                                                                                                     | Less than 1 hectare in total of nutrient enrichment across woodland area, and or less than 20% of woodland area has damaged ground.                                                                            | 1 hectare or more of nutrient enrichment, and or 20% or more of woodland area has damaged ground.                                                                                                        | <b>3</b>               |
|                                       |                                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                                                          | <b>Total<br/>24/39</b> |
|                                       | Condition <b>poor</b> due to scoring 24 of 39 points.                                                                                                                                                 |                                                                                                                                                                                                                |                                                                                                                                                                                                          |                        |

## Scattered trees (T1, T2, T3) condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | The tree is a native species (or at least 70% within the block are native species).                                                                                                                                                                                                     | <b>Y</b>         |
| <b>B</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).                                                                                         | <b>Y</b>         |
| <b>C</b> | The tree is mature (or more than 50% within the block are mature).                                                                                                                                                                                                                      | <b>Y</b>         |
| <b>D</b> | 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. | <b>Y</b>         |
| <b>E</b> | Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.                                                                                                                                                     | <b>Y</b>         |
| <b>F</b> | More than 20% of the tree canopy area is oversailing vegetation beneath.                                                                                                                                                                                                                | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                         | <b>Total 6/6</b> |
|          | Condition <b>good</b> due to passing 6 of 6 criteria.                                                                                                                                                                                                                                   |                  |

## Scattered trees (T4) condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | The tree is a native species (or at least 70% within the block are native species).                                                                                                                                                                                                     | <b>Y</b>         |
| <b>B</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).                                                                                         | <b>Y</b>         |
| <b>C</b> | The tree is mature (or more than 50% within the block are mature).                                                                                                                                                                                                                      | <b>Y</b>         |
| <b>D</b> | 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. | <b>N</b>         |
| <b>E</b> | Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.                                                                                                                                                     | <b>N</b>         |
| <b>F</b> | More than 20% of the tree canopy area is oversailing vegetation beneath.                                                                                                                                                                                                                | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                         | <b>Total 4/6</b> |
|          | Condition <b>moderate</b> due to passing 4 of 6 criteria.                                                                                                                                                                                                                               |                  |

## Scattered trees (T5, T6, T7, T8, T10, T11, T12, T13, T14, T15, T16, T17, T18) condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | The tree is a native species (or at least 70% within the block are native species).                                                                                                                                                                                                     | <b>Y</b>         |
| <b>B</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).                                                                                         | <b>Y</b>         |
| <b>C</b> | The tree is mature (or more than 50% within the block are mature).                                                                                                                                                                                                                      | <b>Y</b>         |
| <b>D</b> | 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. | <b>Y</b>         |
| <b>E</b> | Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.                                                                                                                                                     | <b>N</b>         |
| <b>F</b> | More than 20% of the tree canopy area is oversailing vegetation beneath.                                                                                                                                                                                                                | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                         | <b>Total 5/6</b> |
|          | Condition <b>good</b> due to passing 5 of 6 criteria.                                                                                                                                                                                                                                   |                  |

## Scattered trees (T9) condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | The tree is a native species (or at least 70% within the block are native species).                                                                                                                                                                                                     | <b>N</b>         |
| <b>B</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).                                                                                         | <b>Y</b>         |
| <b>C</b> | The tree is mature (or more than 50% within the block are mature).                                                                                                                                                                                                                      | <b>Y</b>         |
| <b>D</b> | 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. | <b>Y</b>         |
| <b>E</b> | Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.                                                                                                                                                     | <b>N</b>         |
| <b>F</b> | More than 20% of the tree canopy area is oversailing vegetation beneath.                                                                                                                                                                                                                | <b>N</b>         |
|          |                                                                                                                                                                                                                                                                                         | <b>Total 3/6</b> |
|          | Condition <b>moderate</b> due to passing 3 of 6 criteria.                                                                                                                                                                                                                               |                  |

## Appendix 5b: Post-Development Habitat Condition Assessment Sheets

### Modified grassland (g4) condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | There are 6-8 vascular plant species per m2 present, including at least 2 forbs (these may include 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> ). 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 m2 (excluding those listed in the previous sentence), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. | <b>Y</b>         |
| <b>B</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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>N</b>         |
| <b>C</b> | 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). Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Y</b>         |
| <b>D</b> | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>N</b>         |
| <b>E</b> | Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens). 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>N</b>         |
| <b>F</b> | Cover of bracken <i>Pteridium aquilinum</i> is less than 20%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Y</b>         |
| <b>G</b> | There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Total 4/7</b> |
|          | Condition <b>poor</b> due to passing 5 of 7 criteria. Essential criteria (A) not met; condition capped at poor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |

## Other woodland; broadleaved (w1g) condition assessment.

| Category                                            | Good<br>(3 points)                                                                                                                                                                                                             | Moderate<br>(2 points)                                                                                                      | Poor<br>(1 point)                                                                                                                           | Score    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>A.</b> Age distribution of trees                 | Three age-classes present.                                                                                                                                                                                                     | Two age-classes present.                                                                                                    | One age-class present.                                                                                                                      | <b>2</b> |
| <b>B.</b> Wild, domestic and feral herbivore damage | No significant browsing damage evident in woodland.                                                                                                                                                                            | Evidence of significant browsing pressure is present in less than 40% of whole woodland.                                    | Evidence of significant browsing pressure is present in 40% or more of whole woodland.                                                      | <b>3</b> |
| <b>C.</b> Invasive plant species                    | No invasive species present in woodland.                                                                                                                                                                                       | Rhododendron Rhododendron ponticum or cherry laurel Prunus laurocerasus not present, and other invasive species <10% cover. | Rhododendron or cherry laurel present, or other invasive species ≥10% cover.                                                                | <b>3</b> |
| <b>D.</b> Number of native tree species             | Five or more native tree or shrub species found across woodland parcel.                                                                                                                                                        | Three to four native tree or shrub species found across woodland parcel.                                                    | Two or less native tree or shrub species across woodland parcel.                                                                            | <b>2</b> |
| <b>E.</b> Cover of native tree and shrub species    | >80% of canopy trees and >80% of understory shrubs are native.                                                                                                                                                                 | 50 - 80% of canopy trees and 50 - 80% of understory shrubs are native.                                                      | <50% of canopy trees and <50% of understory shrubs are native.                                                                              | <b>2</b> |
| <b>F.</b> Open space within woodland                | 10 - 20% of woodland has areas of temporary open space. Unless woodland is <10ha, in which case 0 - 20% temporary open space is permitted (given the increased ratio of edge habitat to woodland where the woodland is <10ha). | 21 - 40% of woodland has areas of temporary open space.                                                                     | <10% or >40% of woodland has areas of temporary open space. But if woodland <10ha has <10% temporary open space, please see Good category7. | <b>1</b> |
| <b>G.</b> Woodland regeneration                     | All three classes present in woodland; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.                                                                                    | One or two classes only present in woodland.                                                                                | No classes or coppice regrowth present in woodland.                                                                                         | <b>2</b> |
| <b>H.</b> Tree health                               | Tree mortality 10% or less, no pests or diseases and no crown dieback.                                                                                                                                                         | 11% to 25% tree mortality and or crown dieback or low-risk pest or disease present.                                         | Greater than 25% tree mortality and or any high-risk pest or disease present.                                                               | <b>2</b> |

|                                       |                                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                                                          |                        |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>I.</b> Vegetation and ground flora | Recognisable NVC plant community at ground layer present, strongly characterised by ancient woodland flora specialists.                                                                               | Recognisable woodland NVC plant community at ground layer present.                                                                                                                                             | No recognisable woodland NVC plant community at ground layer present.                                                                                                                                    | <b>2</b>               |
| <b>J.</b> Woodland vertical structure | Three or more storeys across all survey plots, or a complex woodland.                                                                                                                                 | Two storeys across all survey plots.                                                                                                                                                                           | One or less storey across all survey plots.                                                                                                                                                              | <b>2</b>               |
| <b>K.</b> Veteran trees               | Two or more veteran trees per hectare.                                                                                                                                                                | One veteran tree per hectare.                                                                                                                                                                                  | No veteran trees present in woodland.                                                                                                                                                                    | <b>1</b>               |
| <b>L.</b> Amount of deadwood          | 50% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, branch stubs and stumps, or an abundance of small cavities. | Between 25% and 50% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities. | Less than 25% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities. | <b>1</b>               |
| <b>M.</b> Woodland disturbance        | No nutrient enrichment or damaged ground evident.                                                                                                                                                     | Less than 1 hectare in total of nutrient enrichment across woodland area, and or less than 20% of woodland area has damaged ground.                                                                            | 1 hectare or more of nutrient enrichment, and or 20% or more of woodland area has damaged ground.                                                                                                        | <b>3</b>               |
|                                       |                                                                                                                                                                                                       |                                                                                                                                                                                                                |                                                                                                                                                                                                          | <b>Total<br/>26/39</b> |
|                                       | Condition <b>moderate</b> due to scoring 26 of 39 points.                                                                                                                                             |                                                                                                                                                                                                                |                                                                                                                                                                                                          |                        |

## Scattered trees condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                    | Criteria Passed? |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | The tree is a native species (or at least 70% within the block are native species).                                                                                                                                                                                                     | <b>N</b>         |
| <b>B</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).                                                                                         | <b>Y</b>         |
| <b>C</b> | The tree is mature (or more than 50% within the block are mature).                                                                                                                                                                                                                      | <b>N</b>         |
| <b>D</b> | 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. | <b>Y</b>         |
| <b>E</b> | Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.                                                                                                                                                     | <b>N</b>         |
| <b>F</b> | More than 20% of the tree canopy area is oversailing vegetation beneath.                                                                                                                                                                                                                | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                         | <b>Total 3/6</b> |
|          | Condition <b>moderate</b> due to passing 3 of 6 criteria.                                                                                                                                                                                                                               |                  |

## Other neutral grassland condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                                                                                                                                                                         | Criteria Passed? |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | <p>"The parcel represents a good example of its habitat type, with a consistently high proportion of characteristic indicator species present relevant to the specific habitat type (and relative to Footnote 3 suboptimal species which may be listed in the UKHab description).<sup>1</sup></p> <p>Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only."</p>                     | <b>Y</b>         |
| <b>B</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 insects, birds and small mammals to live and breed.                                                                                                                                                                                                                           | <b>N</b>         |
| <b>C</b> | Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens <sup>2</sup> .                                                                                                                                                                                                                                                                                                                             | <b>Y</b>         |
| <b>D</b> | Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus</i> agg.) is less than 5%.                                                                                                                                                                                                                                                                                            | <b>Y</b>         |
| <b>E</b> | <p>"Combined cover of species indicative of suboptimal condition<sup>3</sup> and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area.</p> <p>If any invasive non-native plant species<sup>4</sup> (as listed on Schedule 9 of WCA5) are present, this criterion is automatically failed."</p> | <b>Y</b>         |
| <b>F</b> | <p>There are 10 or more vascular plant species per m<sup>2</sup> present, including forbs that are characteristic of the habitat type (species referenced in Footnote 3 and 5 cannot contribute towards this count).</p> <p>Note - this criterion is essential for achieving Good condition for non-acid grassland types only.</p>                                                                                                           | <b>N</b>         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Total 4/6</b> |
|          | Condition <b>moderate</b> due to passing 4 of 6 criteria.                                                                                                                                                                                                                                                                                                                                                                                    |                  |

## Intensive green roof condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                                                                                                                          | Criteria Passed? |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | Vegetation structure is varied, providing opportunities for vertebrates and invertebrates to live, eat and breed. A single structural habitat component or vegetation type does not account for more than 80% of the total habitat area.                                                                                                                                                      | <b>Y</b>         |
| <b>B</b> | The habitat parcel contains different plant species that are beneficial for wildlife, for example flowering species providing nectar sources for a range of invertebrates at different times of year.                                                                                                                                                                                         | <b>Y</b>         |
| <b>C</b> | "Invasive non-native plant species (listed on Schedule 9 of WCA1) and others which are to the detriment of native wildlife (using professional judgement) <sup>2</sup> cover less than 5% of the total vegetated area <sup>3</sup> .<br><br>Note - to achieve Good condition, this criterion must be satisfied by a complete absence of invasive non-native species (rather than <5% cover)." | <b>Y</b>         |
| <b>F</b> | "The roof has a minimum of 50% native and non-native wildflowers.<br>70% of the roof area is soil and vegetation (including water features)."                                                                                                                                                                                                                                                 | <b>Y</b>         |
|          |                                                                                                                                                                                                                                                                                                                                                                                               | <b>Total 4/4</b> |
|          | Condition <b>Good</b> due to passing 4 of 4 criteria.                                                                                                                                                                                                                                                                                                                                         |                  |

## Hedgerow condition assessment.

|          | Criteria Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Criteria Passed? |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>A</b> | <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>                      | <b>N</b>         |
| <b>B</b> | <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> | <b>N</b>         |
| <b>C</b> | <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>                                                                                                                                                                                                                  | <b>Y</b>         |
| <b>D</b> | <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>                                                                                                                                                        | <b>Y</b>         |
| <b>E</b> | <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>                                                                                                                                                                                               | <b>Y</b>         |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|          | 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."                                                                                                                                                                                                                                                                 |                  |
| <b>F</b> | 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.                                                                                                                                                                                                                                                                                             | <b>N</b>         |
| <b>G</b> | 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> . | <b>N</b>         |
| <b>H</b> | "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 (for example, excessive hedgerow cutting)."                                                                                                                                                                                                                        | <b>N</b>         |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Total 3/8</b> |
|          | Condition <b>Poor</b> due to passing 3 of 8 criteria.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |