

# **One Earth Solar Farm**

**Volume 6.0 Environmental Statement [EN010159]** 

**Volume 3: Technical Appendices Supporting ES Volume 2** 

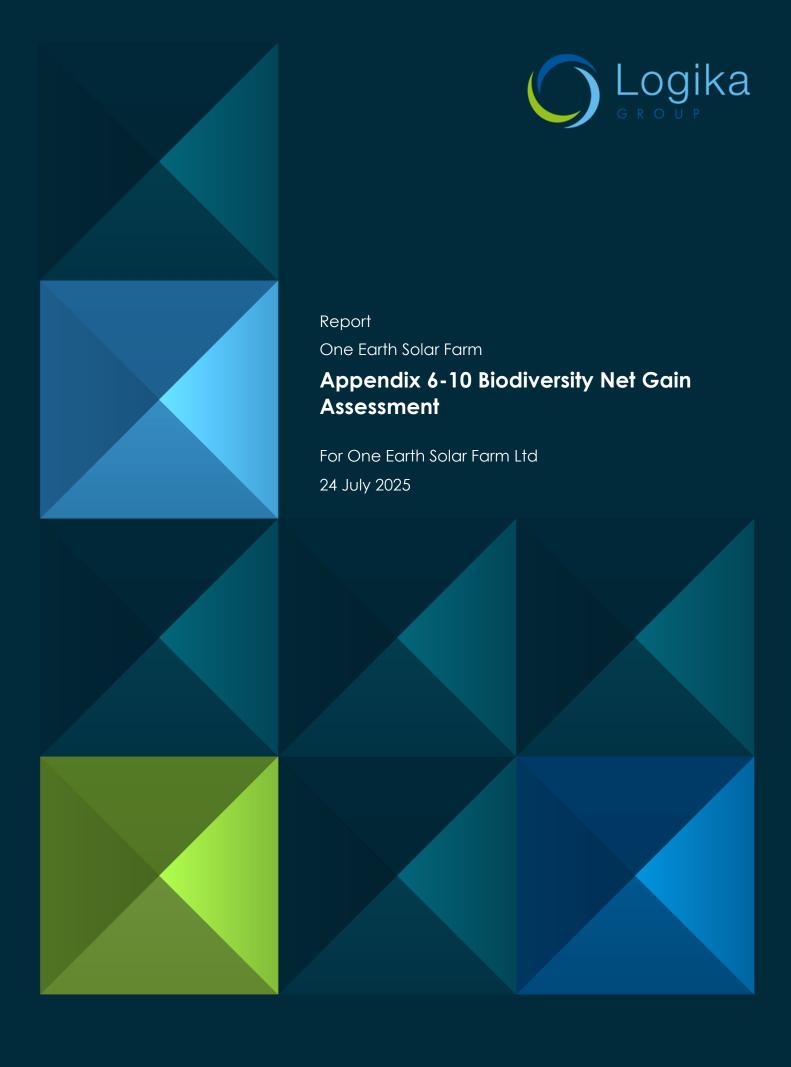
**Appendix 6.10: Biodiversity Net Gain Assessment** 

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# **Contents**

1	Introduction	4
2	Rationale	5
3	Methods	7
4	Results	2
A1	Habitat Condition Assessment Sheets	43
A2 S	tatutory Biodiversity Metric Workbook	110
Tal	bles	
Tabl	e 3-1: Trading rules within the Statutory Metric	6
Tabl	e 4-1: Baseline Summary	3
Tabl	e 4-2: Proposed Habitats	19
Tabl	e 4-3: Baseline inputs to the Statutory Metric (area-based habitats)	25
Tabl	e 4-4: Post-development inputs to the Statutory Biodiversity Metric (area-based habitats)	27
Tabl	e 4-5: Baseline inputs to the Statutory Metric (hedgerows and tree lines)	30
Tabl	e 4-6: Post-development inputs to the Statutory Biodiversity Metric (hedgerows and tree lines)	33
Tabl	e 4-7: Baseline inputs to the Statutory Metric (watercourses)	39
Tabl	e 4-8: Post-development inputs to the Statutory Biodiversity Metric (watercourses)	40
Fig	jures	
Figu	re 4-1: Habitats located within the Site	12
Figu	re 4-2: Habitats and their current condition	13
Figu	re 4-3: Proposed Development	14
Figu	re 4-4: Proposed Development	17



## 1 Introduction

## 1.1 Background

- 1.1.1 This Appendix should be read in conjunction with Chapter 6 of the Environmental Statement (ES) which is provided in support of the delivery of an Environmental Impact Assessment (EIA) associated with the One Earth Solar Farm, hereafter referred to as the 'Proposed Development'. This document has been updated at Deadline 6. The document references have not been updated from the original submission. Please refer to the **Guide to the Application [EN010159/APP/1.3.4]** for the list of current versions of documents.
- 1.1.2 This Appendix describes the methodologies used and the results of the biodiversity net gain (BNG) assessment for the Proposed Development within the Order Limits.
- 1.1.3 Since the start of April 2024, the BNG obligation has applied to most planning permissions consented under the Town and Country Planning Act 1990 (as amended) and will do so for all development consent orders (DCOs) from May 2026.
- 1.1.4 As the Proposed Development falls under the DCO regime, it is not yet mandated to deliver BNG. However, the One Earth Solar Farm project is committed to providing substantial biodiversity enhancements as part of the scheme, and securing these enhancements via BNG provides an quantifiable record of this approach.
- 1.1.5 The document references have not been updated from the original submission. Please refer to the Guide to the Application [EN010159/APP/1.3] for the list of current versions of documents

## 1.2 Purpose of this appendix

- 1.2.1 The purpose of the Appendix is to present the results of the BNG assessment for the Proposed Development, outlining the BNG strategy for the scheme.
- 1.2.2 The survey work that was undertaken to underpin this assessment is reported within Appendix 6-3 Habitat Baseline and followed best practice guidance to provide a robust field survey data.

## 1.3 Structure of this appendix

- 1.3.1 This appendix is structured as follows:
  - Section 2: Rationale;
  - Section 3: Methods;
  - Section 4: Results;
  - Annex A: Condition Assessment Sheets



# 2 Rationale

- 1.3.2 BNG is a concept that in principle is simple, i.e. provide more biodiversity than that which is lost to development. However, to deliver a unified mandatory system it has been necessary for DEFRA to develop the Statutory Biodiversity Metric 1. The metric works by considering:
  - extent of habitat (measured in hectares (ha) or kilometres dependent on whether the habitat is linear or area-based)
  - how distinctive the habitat is (i.e., its complexity, rarity, diversity etc.)
  - its condition (i.e., its structure and management)
  - its strategic significance (i.e. local significance of the habitat based on its location and habitat type)
- 1.3.3 These elements are used both to determine the biodiversity value (measured in habitat units, hedgerow units and/or river units) of the losses due to a particular development, but also the gains made from its proposed habitat enhancement and creation measures.
- 1.3.4 The biodiversity value of the gains is refined based on a number of risk multipliers that account for the difficulty of habitat creation (e.g. it is easier to create 'medium distinctiveness' habitats such as a semi-improved grassland, than a 'very high distinctiveness' active raised bog), the time it takes for a habitat to reach target condition (e.g. a grassland reaches target condition quicker than a woodland), the location of delivery (i.e. habitat creation local to the biodiversity loss is worth more than habitat creation unrelated to the impact) and the time of delivery (e.g. before, during or after the losses have occurred).
- 1.3.5 The metric is also framed by a set of principles that seek to ensure:
  - Adherence to the mitigation hierarchy (i.e., avoid, mitigate, compensate, enhance).
  - The exclusion of designated sites and irreplaceable habitats from the main calculations (encouraging their avoidance and ensuring any losses are compensated for on a case-by-case basis).
  - The "like for like or better" replacement of high value habitats (e.g., removal of valuable woodland, requires replacement of woodland habitat, as opposed to replacement with grassland or other habitats that may provide more biodiversity unit value per hectare of creation). These elements are known as the "trading rules" (see Table 2-1).
  - Habitats provided to deliver BNG will be managed for a minimum period of 30 years.

<sup>&</sup>lt;sup>1</sup> Department for Environment Food & Rural Affairs (2024) The Statutory Biodiversity Metric – User Guide. Updated July 2025. <u>The Statutory Biodiversity Metric (publishing.service.gov.uk)</u> https://assets.publishing.service.gov.uk/media/6866779ee134dfbc2e9e6d39/The\_Statutory\_Biodiversity Metric - User Guide - July 2025.pdf



Table 2-1: Trading rules within the Statutory Metric

Habitat distinctiveness (baseline)	Distinctiveness of replacement habitat required
Very high	Priority should be given to replacing losses with area units of the same habitat type. Losses of hedgerow units must be replaced with hedgerow units of the same habitat type. Priority should be given to replacing losses with watercourse units of the same habitat type.
High	Losses must be replaced with area habitat units of the same habitat type. Losses of hedgerow units must be replaced with hedgerow units of the same habitat type or of a higher distinctiveness band. Losses of watercourse units must be replaced with watercourse units of the same habitat type.
Medium	Losses of area units must be replaced by area habitat units of either medium band habitats within the same broad habitat type or, any habitat from a higher distinctiveness band (from any broad habitat type). Losses of Hedgerow must be replaced with hedgerow units of the same or of a higher band and losses of watercourse units must be replaced with watercourse units of the same habitat type.  NB: woodland of medium distinctiveness should be replaced with other woodland, as opposed to a different broad habitat type as there is a presumption against loss of woodland cover in 'The England Trees Action Plan 2021 – 2024' (Defra, 2021).
Low	Losses of area-based and hedgerow units must be replaced with units of the same or higher distinctiveness band. Watercourse units must be replaced with watercourse units of a higher distinctiveness band.
Very low	No applicable trading rules for area-based units or watercourse units. Losses of hedgerow units must be replaced with hedgerow units of the same or higher distinctiveness band.

- 1.3.6 This system does not remove the legal obligations with regard to protected or notable species, or statutorily designated sites. These are considered in detail within Chapter 6 of the ES.
- 1.3.7 Whilst the requirement for mandatory BNG is not yet applicable to DCO projects, the provision of a calculation of biodiversity losses due to permanent infrastructure and temporary construction works (based on a realistic worst-case scenario), and gains associated with creation and enhancements of habitats have been provided for the Proposed Development. The outcome of the calculations demonstrates how the Site will deliver well in excess of the minimum 10% uplift that is currently required of those projects that have mandatory requirements to deliver BNG.



# 3 Methods

- 1.3.8 To assess BNG there is a requirement to first establish baseline habitat types and condition (predevelopment), before considering post-intervention information and populating a Statutory Metric workbook that evidences the BNG calculations.
- 1.3.9 The following subsections outline how and when the baseline conditions were established, the post-intervention considerations, the deviations, constraints and limitations within the process and the assumptions used within the assessment.
- 1.3.10 The Statutory Metric inputs and outcomes are provided in Section 4 Results.

### 3.1 Guiding principles

1.3.11 The following section identifies the guiding principles of BNG and how these are accounted for and assessed within the DCO Application.

#### 3.1.1 The Biodiversity Gain Hierarchy

- 1.3.12 The biodiversity gain hierarchy has been applied during the design of the Proposed Development. In the first instance habitats of very low or low distinctiveness were identified for development wherever possible, with avoidance or minimisation of losses of habitats with medium distinctiveness or above. This is demonstrated in Table 4-3, Table 4-5, Table 4-7 which show the extent of habitat losses by habitat type. The applicant has also made several environmental commitments demonstrating that effort has been made to avoid constraints, retain the most valuable habitats within the Site, and enhance habitats where appropriate. It is notable that there is the loss of habitats with medium (e.g. other neutral grassland) and high distinctiveness (e.g. species-rich native hedgerow) (see Section 4), however this cannot be avoided due to the other constraints on development. These losses have been minimised and are compensated in-line with the trading rules.
- 1.3.13 The proposed post-development habitats have been specified to deliver biodiversity value that is akin to those habitats of medium distinctiveness and above that are lost. Wherever possible, habitats have been retained and where appropriate enhancement has been described. In areas of temporary habitat loss and in locations where change in habitat type is proposed, habitat creation is specified. Opportunities to maximise the delivery of BNG have been taken, although these have been tempered by an understanding of the future use of the site and the constraints that may place on achieving target conditions. For example, overshading by solar arrays has limited the habitat distinctiveness to be delivered beneath panels with a low distinctiveness habitat being specified as a precaution.

#### 3.1.2 Designated sites

1.3.14 There are two Local Wildlife Sites within the Order Limits, neither of which will be subject to surface works and therefore no specific mitigation will be required for these features.

#### 3.1.3 Irreplaceable habitats

1.3.15 There are thirteen veteran trees within the Order Limits, which are considered within the assessment as irreplaceable habitats. All thirteen features will be retained and suitably buffered (in line with



Government standing advice<sup>2</sup>) ensuring there is no lasting impact on them as a direct result of the development.

#### 3.1.4 **Trading Rules**

1.3.16 There will be no loss of woodland or high distinctiveness habitat that requires a like-for-like habitat replacement. There are greas of medium distinctiveness habitat that will be lost however these are suitably mitigated within the same broad habitat or a higher distinctiveness habitat in line with the trading rules. The Trading rules have been met within all habitat groups; area-based habitat units, hedgerows units, and watercourse units.

#### 3.1.5 **Securing Biodiversity Net Gain**

- 1.3.17 The calculations summarised below demonstrate that a BNG of well in excess of 10% can be achieved within the proposed Order Limits based on the current parameter / illustrative plans.
- 1.3.18 The delivery of BNG will be secured through DCO requirement with a BNG strategy being provided following detailed design for approval by the relevant planning authorities in consultation with Natural England and the Environment Agency.
- 1.3.19 Habitats to be created will be managed and monitored over the lifetime of the Proposed Development (i.e. 60-year period), with measures in place to assure that adaptation to the management plans can be made should initial approaches fail to deliver habitats that can reach the specified target condition.

#### **Baseline** conditions 3.2

- 1.3.20 Baseline conditions for the site were assessed during field survey undertaken between May 2023 and August 2024 by a team of suitably qualified ecologists with a minimum of six years' experience in ecological assessment.
- 1.3.21 The survey recorded habitats in line with the UK Habitats Classification V2.03 (UKHab)4. The results of the field survey are provided in Appendix 6-3 with a summary of results provided in Table 4-1 and shown in Figure 4-1.

<sup>&</sup>lt;sup>2</sup> Natural England and Forestry Commission (2022) Ancient Woodland, ancient trees and veteran trees: advice for making planning decisions. Available at https://www.gov.uk/quidance/ancientwoodland-ancient-trees-and-veteran-trees-advice-for-making-planning-decisions

<sup>&</sup>lt;sup>3</sup> UKHab Ltd (2023). UK Habitat Classification Version 2.0. Available at https://www.ukhab.org

<sup>&</sup>lt;sup>4</sup> The minimum mappable unit used for survey was 25m<sup>2</sup>. Stands of a single habitat type smaller than this were not mapped individually unless they were a strongly defined feature (such as a pond, individual tree etc), and were instead target noted.



1.3.22

- 1.3.23 Figure 4-1In addition, a habitat condition assessment was undertaken concurrently following the Statutory Biodiversity Metric Technical Annex 1: Condition Assessment Sheets and Methodology5. The results of the habitat condition assessment are provided in Annex 1 with a summary provided in Table 4-1.
- 1.3.24 Survey data was combined and entered into the Statutory Biodiversity Metric using Natural England's GIS Import Tool6. In line with Statutory Biodiversity Metric User Guide multiple parcels of the same habitat type, condition and strategic significance were combined due to the limited number of rows in the workbook (limited to 248).
- 1.3.25 As there is a river (the River Trent) present within the proposed Order Limits that requires a river condition assessment (RCA), a Modular River Survey (MoRPH) was undertaken by an RCA Accredited surveyor to provide the necessary information to include within the watercourse element of the metric. There are several watercourses within the Order Limits on both sides of the River Trent. These watercourses, with the exception of the Fledborough Beck and the Sewer Dyke, are all classified within this assessment as ditches following a review of available online sources7 and in-line with the Statutory Metric User Guide Table 111. The condition assessment sheet associated with this survey is provided in Annex 1.
- 1.3.26 The field survey and interrogation of the Ancient Woodland Inventory and the Priority Habitat Inventory8 identified no irreplaceable habitats (as defined in the Biodiversity Gain Requirements (Irreplaceable Habitats) Regulations 2024) within the boundary of the Site.
- 1.3.27 The baseline conditions at the Site were recorded prior to the date of application. However, the baseline is considered representative of the current status of the habitats on the Site as no changes in management or use have taken place in the intervening period.
- 1.3.28 At the time of the surveys taking place, the habitats present were representative of those that had been present on the Site for a considerable period, based on a time lapse of satellite imagery. Therefore, it can be confirmed that habitat type and condition were not degraded prior to survey taking place.

## 3.3 Assumptions used within the Metric

1.3.29 Due to the stage of the application, certain details to be included within the BNG assessment (post-determination) are not yet available. A precautionary approach to BNG has therefore been taken to present a realistic worst-case scenario. This approach has been taken to give confidence to the Secretary of State that the level of BNG described can be successfully delivered. The calculation of BNG is based on the details within the Outline Landscape and Ecological Management Plan.

<sup>&</sup>lt;sup>5</sup> https://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides

<sup>&</sup>lt;sup>6</sup> GIS Import Tool is available at <u>The Biodiversity Metric Supporting Documents - JP039</u>

<sup>&</sup>lt;sup>7</sup> Statutory Main River Map

https://environment.maps.arcgis.com/apps/webappviewer/index.html?id=17cd53dfc524433980cc 333726a56386; Trent from Carlton-on-Trent to Laughton Drain | Catchment Data Explorer | Catchment Data Explorer https://environment.data.gov.uk/catchment-planning/WaterBody/GB104028058480;

<sup>&</sup>lt;sup>8</sup> Ancient Woodland Inventory and the Priority Habitat Inventory accessed on www. Magic.Defra.Gov.UK [accessed 10/02/2025]



Management and monitoring are proposed to take place across the operational lifetime of the proposed development.

#### 1.3.30 Assumptions:

- All habitat within the arable landscape (cropland and grassland types) where above ground
  infrastructure is to be built or other habitats are to be created are considered to first be lost
  to facilitate development. The majority of habitats will therefore be created, with a small
  amount retained, this represents a potential worst-case scenario for the installation of the
  solar farm and all associated infrastructure.
- All habitats within the Order Limits have been included within the baseline, including those within the area of grid connection near High Marnham substation and the River Trent.
- All hedgerow crossings requiring vegetation clearance (of which there are 59) are considered to have 6 metres of vegetation loss associated with each crossing. In places the crossings will only require gate widening and trimming back, however 6 metres presents the worst-case scenario.
- All retained linear features including hedgerows and lines of trees will be enhanced through gapping up and improvements to management to reach 'good' condition, regardless of starting condition.
- There are nine proposed watercourse crossings required to facilitate the proposed development. All crossings will utilise clear span bridges to avoid undue impacts within the watercourses. Each of these bridges is assessed as being 6 metres wide and will be considered post-intervention to consist of a culvert to be maintained in perpetuity within the Statutory Biodiversity Metric. This specification is precautionary as culverts have a preassigned condition of 'poor'.
- All watercourses not considered to be in 'good' condition at baseline will be enhanced to 'good' condition through improvements to management.
- There is a commitment to deliver biodiverse margins of a width of 4m along one side of all fields with Solar PV within them. As the landscaping for the scheme is not yet finalised (see outline Landscape and Ecology Management Plan for indicative landscape masterplan), an average length of the shortest side of all fields containing Solar PV has been taken and this measurement (200m) has been multiplied by a 4m width. This is a precautionary approach (considering a minimum mitigation), and it is anticipated that a larger amount of biodiverse margins will be delivered by the project.



## 3.4 Deviations, constraints and limitations

1.3.31 No access was provided to the area around the High Marnham substation within the southwest of the proposed Order Limits. Therefore, habitats within this area were remotely sensed only and do not have accurate condition notes or condition assessment sheets available. This is not a major constraint to the BNG assessment as the vast majority of habitats within this area will be retained throughout. The connection point at the National Grid's new High Marnham substation (delivered as part of National Grid's North Humber to High Marnham project) would be delivered via a trenchless crossing beneath the Fledborough to Harby Dismantled Railway Local Wildlife Site (LWS) (also a Sustrans route) into areas of existing hard standing.



# 4 Results

- 1.3.32 This section outlines the results of the BNG assessment including the baseline and post-intervention calculations used within the Statutory Biodiversity Metric.
- 1.3.33 Table 4-1 and Figure 4-1 provide a summary of the baseline conditions. The Proposed Development will result in permanent land take for the Battery Energy Storage Systems, internal roads and infrastructure associated with the operational solar farm, footings for inverters and substations. The total loss of habitat to developed land with sealed surface is calculated at 34.25 ha, with it estimated that a further 20.17 ha will be lost to artificially unvegetated unsealed surface. All other areas that support infrastructure will also support semi-natural habitats. The illustrative masterplan is provided in Figure 4-2; this has been reclassified using the UKHab Classification to enable post-development calculations. This is provided as Figure 4-3. Further habitat figures, showing smaller scale baseline and proposed habitats are provided in Appendix A2.



Table 4-1: Baseline Summary

Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Arable field margins game bird mix	N/A	6.989	Gamebird cover crop in agricultural verges, with two specific crop fields east of the River Trent associated with a pheasant shoot.
Artificial unvegetated, unsealed surface	N/A	21.5683	Farm tracks and areas of compressed aggregate within the proposed DCO Order Limits
Bare Ground	Moderate	0.1116	Vegetated areas of bare ground surrounding farmsteads and trackways
Bare Ground	Good	20.7789	Bare ground within High Marnham substation, assumed good condition. Note this is shown on the Priority Habitats Inventory as Open Mosaic Habitat on Previously Developed Land. However, long views of the area and satellite imagery suggest bare ground is a more realistic classification
Bramble scrub	N/A	0.1772	Bramble scrub
Cereal crops	N/A	796.4834	Mixture of cereal crops within the landscape, oats, wheat and oil seed rape make up the majority with some barley and maize.
Developed land; sealed surface	N/A	22.2731	Roads and sealed surfaces within proposed Order limits
Floodplain wetland mosaic and CFGM	Poor	3.9336	Area of Coastal Floodplain Grazing Marsh adjacent to the River Trent near Fledborough. Area is highlighted on the Priority Habitat Inventory and has been ground truthed
Lowland mixed deciduous woodland	Poor	0.9475	Remnant lowland mixed deciduous woodland within the landscape associated with old through routes. Satellite parcels within the land east of the River Trent.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Lowland mixed deciduous woodland	Moderate	2.5303	Area of lowland mixed deciduous woodland in the northeast of the Site adjacent to arable fields. Woodland extends outside of the proposed Order Limits
Mixed scrub	Poor	2.5015	Mixed scrub scattered in small patches alongside arable fields.  Poor condition due to management and scale of habitat parcels
Mixed scrub	Moderate	3.3504	Mixed scrub along the Sustrans route within the Site. Considered to be in moderate condition due to management.
Mixed scrub	Good	11.5789	Mixed scrub along the Sustrans route and within the High Marnham Substation complex. Considered to be in good condition due to age, species diversity and use.
Modified grassland	Poor	107.6096	Modified grassland within the landscape that consists of permanent pasture and silage fields. Sports turf was considered elsewhere (as temporary grass and clover ley)
Modified grassland	Moderate	10.1718	Modified grassland along field margins and the bank top of the River Trent riverbanks. Species diversity is limited with evidence of sown seed to thicken sward.
Modified grassland	Good	1.1927	Grassland field with high species diversity though evidence of agricultural heritage.
Non-cereal crop	N/A	319.4159	Non-cereal crops within the landscape included legumes, potatoes and other root vegetable crops.
Other neutral grassland	Poor	1.2348	A single field of other neutral grassland surrounded by expansive farmland all around. Grassland does not appear directly derived from agricultural activity however due to management type and nearby habitats this parcel is lacking diversity and structure expected from a thriving other neutral grassland.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Other woodland; broadleaved	Poor	0.6948	Small parcels of woodland within the arable landscape derived from planting.
Other woodland; Mixed	Poor	2.5582	Small parcels of woodland within the arable landscape derived from planting.
Ponds (priority habitat)	Good	0.0957	Waterbodies set within scrub / woodland openings within the Order Limits. Features have semi-natural habitat surrounding the ponds for 10m before the arable setting.
Temporary grass and clover leys	N/A	67.3809	Sports turf production and clover leys were evident within the agricultural land. These areas are closely managed and heavily irrigated with large volumes of water being pumped from nearby ditches to irrigate during summer months.
Watercourse footprint	N/A	5.9031	River Trent considered within Watercourse Baseline.
Individual trees	Poor	0.0163	Mixed, individual field trees that do not sit within linear features.
Individual trees	Moderate	0.4642	Mixed, individual field trees that do not sit within linear features.
Individual trees	Good	0.2728	Mixed, individual field trees that do not sit within linear features.
Individual trees (Veteran Tree)	Moderate	0.1099	Veteran trees (T82, T84 and T754), as recorded within the arboricultural assessment.
Individual trees (Veteran Tree)	Good	0.6053	Veteran trees (T107, T108, T136, T138, T501, T699, T370, T426, T267 and T320), as recorded within the arboricultural assessment.
Ecologically valuable line of trees	Moderate	0.948 km	A line of trees that has ≥ 1 mature, veteran or ancient tree per 30m length. Within the Order Limits these habitats include mainly mature trees, with only 13 veteran trees and no ancient trees. Examples are oak, ash and sycamore dominant lines of trees within land east of the Trent. Features are linked to remnant woodland parcels.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Ecologically valuable line of trees	Good	0.48 km	A line of trees that has ≥ 1 mature, veteran or ancient tree per 30m length. Within the Order Limits these habitats include mainly mature trees, with only 13 veteran trees and no ancient trees. Examples are oak, ash and sycamore dominant lines of trees within land east of the Trent. Features are linked to remnant woodland parcels.
Ecologically valuable line of trees - associated with bank or ditch	Moderate	0.332 km	A line of trees that has ≥ 1 mature, veteran or ancient tree per 30m length. Within the Order Limits these habitats include mainly mature trees, with only 13 veteran trees and no ancient trees. Examples of these features are on both sides of the Trent and link with remnant woodland and / or ditch systems. Locations adjacent to road mean failures to physical characteristics.
Ecologically valuable line of trees - associated with bank or ditch	Good	0.334 km	A line of trees that has ≥ 1 mature, veteran or ancient tree per 30m length. Within the Order Limits these habitats include mainly mature trees, with only 13 veteran trees and no ancient trees. Examples of these features are on both sides of the Trent and link with remnant woodland and ditch systems.
Line of trees	Poor	0.909 km	The most common tree species found within the treelines are oak and ash. Other species present include sycamore, horse chestnut, rowan, lime, willow, field maple, sweet chestnut, and Scot's pine. Treelines in poor condition are mainly gappy or contain trees in poor health (ash dieback). Within the Order Limits treelines are most often along road sidings.
Line of trees	Moderate	2.399 km	The most common tree species found within the treelines are oak and ash. Other species present include sycamore, horse chestnut, rowan, lime, willow, field maple, sweet chestnut, and Scot's pine. Examples with mature trees are present on both side of the river Trent however the majority of moderate condition treelines are located along roads by Fledborough and High Marnham.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Line of trees	Good	0.397 km	The most common tree species found within the treelines are oak and ash. Other species present include sycamore, horse chestnut, rowan, lime, willow, field maple, sweet chestnut, and Scot's pine. A single mature treeline within the northeast of the Order Limits meets the criteria for 'good' condition.
Line of trees – associated with bank or ditch	Poor	1.031 km	Mature lines of trees associated with a bank or ditch are spread sparsely across the Order Limits with examples of both sides of the River Trent. The features are predominantly isolated features along a ditch system.
Line of trees - associated with bank or ditch	Moderate	2.258 km	Mature lines of trees associated with a bank or ditch are spread sparsely across the Order Limits with examples of both sides of the River Trent. The features tend to join hedgerows or other linear features within the landscape or are isolated features along a ditch system.
Line of trees - associated with bank or ditch	Good	1.313 km	Mature lines of trees associated with a bank or ditch are spread sparsely across the Order Limits with examples of both sides of the River Trent. The best quality features are intact mature lines along roadsides within the southern portion of the Order Limits, with one feature west of the river and two separate lines along the same road east of the river.
Native hedgerow	Poor	12.027 km	Hedgerows with fewer than five woody species present within a 30m stretch, most are heavily flailed into box shapes, defunct and lack margins. The most frequently occurring hedgerow 'type' within the Order Limits.
Native hedgerow	Moderate	8.743 km	Hedgerows with fewer than five woody species present within a 30m stretch that do not fail as many functional groups in-line with condition assessment.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Native hedgerow - associated with bank or ditch	Poor	2.599 km	Hedgerows with fewer than five woody species present within a 30m stretch that are associated with a bank or dry- or wet ditch running parallel to the hedge line. As per native hedgerows, many are managed into small box-shaped hedges and are defunct.
Native hedgerow - associated with bank or ditch	Moderate	5.873 km	Hedgerows with fewer than five woody species present within a 30m stretch that are associated with a bank or dry- or wet ditch running parallel to the hedge line. Failures include lack of margins and physical damage from agricultural activities.
Native hedgerow - associated with bank or ditch	Good	0.059 km	Hedgerows with fewer than five woody species present within a 30m stretch that are associated with a bank or dry- or wet ditch running parallel to the hedge line. Large hedgerows with good structure and characteristics.
Native hedgerow with trees	Poor	6.314 km	Hedgerows with standard trees present, though fewer than five woody species present within a 30m stretch. Many boundary features, between arable crops that have been flailed into boxshaped hedges, with occasional standards (predominantly oak, ash or sycamore).
Native hedgerow with trees	Moderate	6.81 km	Hedgerows with standard trees present, though fewer than five woody species present within a 30m stretch. Some failures within functional groups due to management / physical damage.
Native hedgerow with trees	Good	0.081 km	Hedgerows with standard trees present, though fewer than five woody species present within a 30m stretch, without obvious signs of over management resulting in good structure and robust features.
Native hedgerow with trees - associated with bank or ditch	Poor	3.948 km	Hedgerows with standard trees present, though fewer than five woody species present within a 30m stretch that are associated with a bank or dry- or wet ditch running parallel to the hedge line.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
			Tightly clipped hedgerows failing both criterion within functional groups, small and thin features.
Native hedgerow with trees - associated with bank or ditch	Moderate	7.744 km	Hedgerows with standard trees present, though fewer than five woody species present within a 30m stretch that are associated with a bank or dry- or wet ditch running parallel to the hedge line. Hedges with acceptable structure without major failings due to agricultural management.
Native hedgerow with trees - associated with bank or ditch	Good	0.212 km	Hedgerows with standard trees present, though fewer than five woody species present within a 30m stretch that are associated with a bank or dry- or wet ditch running parallel to the hedge line. This feature is rare within the landscape with most similar features falling into species-rich native hedgerows, due to being long established and having increased species diversity.
Species-rich native hedgerow	Moderate	0.49 km	Hedgerows with five or more woody species present within a 30m stretch, or where the hedgerows contain fewer woody species but have rich basal herbaceous flora. Examples within the Order Limits are those with increased number of woody species. There are no features qualifying due to rich basal herbaceous flora. Damaging management limits the condition due to some failures within functional groups; physical damage or structural failings.
Species-rich native hedgerow	Good	0.507 km	Hedgerows with five or more woody species present within a 30m stretch, or where the hedgerows contain fewer woody species but have rich basal herbaceous flora. Examples within the Order Limits are those with increased number of woody species. There are no features qualifying due to rich basal herbaceous flora. Both hedgerows occur along road verges and have been allowed to grow taller than those that divide fields.



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
Species-rich native hedgerow - associated with bank or ditch	Moderate	0.484 km	There is a single example of this feature, forming a field boundary within arable land on the western side of the River Trent. Condition is limited to moderate by adjacent agricultural processes.
Species-rich native hedgerow with trees	Poor	0.1 km	All examples of this feature within the Order Limits are east of the River Trent. This feature sub-divides a small paddock from wider arable land and is subject to agricultural management.
Species-rich native hedgerow with trees	Moderate	0.374 km	All examples of this feature within the Order Limits are east of the River Trent. This feature runs adjacent to a long-established farm track and is a mature hedge (managed closely on one side).
Species-rich native hedgerow with trees - associated with bank or ditch	Moderate	0.276 km	Both examples of this feature abut the Order Limits boundary and lie adjacent to roads on the periphery or arable land. These features have damaging management due to agricultural activity.
Ditches	Poor	5.38 km	Heavily modified, engineered ditches that act as field drains and convey water throughout the Order Limits within a controlled manner via a series of sluice gates. Characteristics of the ditches vary, though most are carved deeply into arable land, forming straightened field boundaries. Agricultural run-off / pollution is evident in most cases, ruderal vegetation, juncus and sedges are present. Algae built up in slow / low flow situations. Rotational scraping of ditches means within any given area ditches are cleared to remove sediment and increase drain capacity. Some shading by adjacent features. Some agricultural management temporarily damages ditches.
Ditches	Moderate	7.90 km	Heavily modified, engineered ditches that act as field drains and convey water throughout the Order Limits within a controlled manner via a series of sluice gates. Characteristics of the ditches vary, though most are carved deeply into arable land, forming straightened field boundaries. Marginally getter water quality than poor condition ditches however some evidence of agricultural and



Habitat type	Habitat Condition	Extent (ha or km)	Habitat Summary
			road run-off in places. Marginal vegetation is lacking in places which reduces wildlife corridor potential. Some ditches are desilted which has left temporary damage.
Ditches	Good	0.853 km	Heavily engineered ditches that act as field drains and convey water throughout the Order Limits within a controlled manner via a series of sluice gates. Good water quality (low turbidity), varied vegetation including marginal, emergent and submerged, no algae cover, lacking physical damage or invasive non-native species recorded and the ditches are not shaded.
Other rivers and streams	Poor	1.612 km	Sections of the Fledborough Beck and the Sewer Dyke subject to historic modification and current poor management, with evidence of straightening and shaping to aid with conveyance of water throughout the ditch network and current management to keep waterways clear of obstruction. Little in-channel vegetation present with marginal vegetation sparse or absent along much of the stretch. Riparian zone majorly encroached by agricultural practices.
Other rivers and streams	Moderate	2.506 km	Sections of the Fledborough Beck subject to lighter historic modification though current poor management evident, with evidence of straightening and shaping to aid with conveyance of water throughout the network and current management to keep waterways clear of obstruction. Little in-channel vegetation present with marginal vegetation sparse or absent along much of the stretch. Riparian zone majorly encroached by agricultural practices. Some scattered scrub / long grass within the banktop / bank vegetation improves riparian corridor.
Other rivers and streams	Good	0.716	River Trent – large navigable river within the Order Limits.
TOTAL AREA		1409ha	



Figure 4-1: Habitats located within the Site



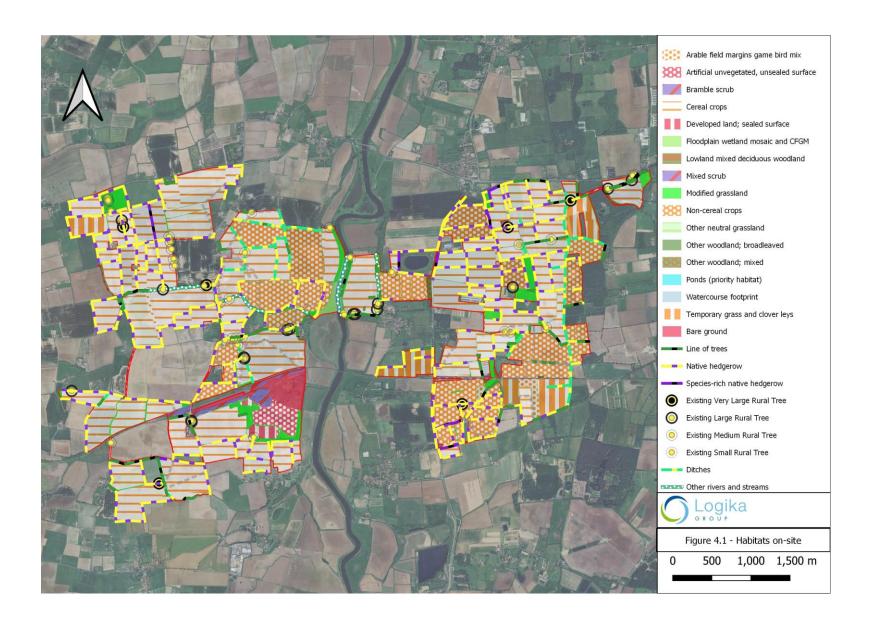
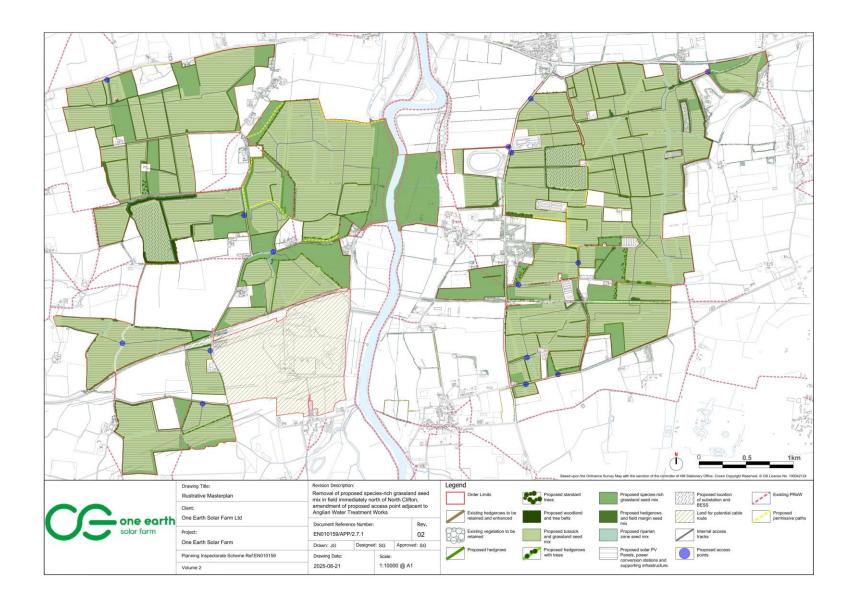




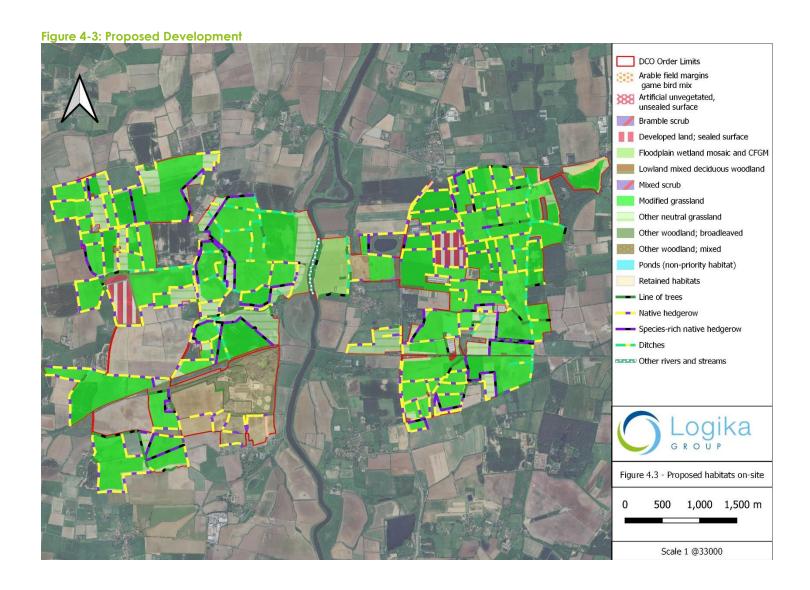
Figure 4-2: Illustrative masterplan













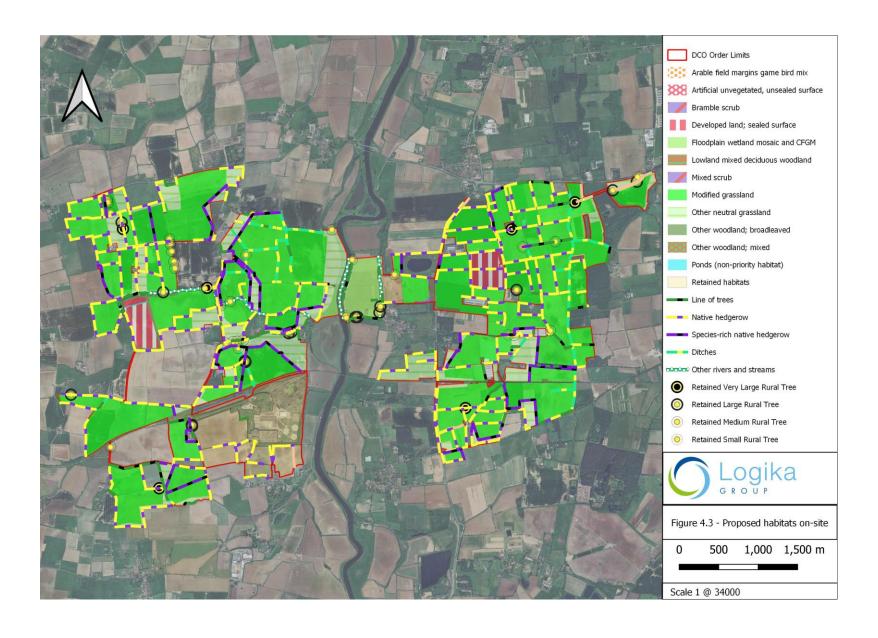




Table 4-2: Proposed Habitats

Habitat Type	Extent (Ha or Km)	Target Condition	Justification
Modified grassland	16.4015 ha	Poor	Retained verges / margins. Species poor habitats failing essential Criterion A.
Modified grassland	0.0995 ha	Moderate	Retained habitats that are not subject to change as part of the project. Currently passes essential Criterion A but fails others due to damaging management type (field / roadside verges).
Modified grassland	918.1987 ha	Good	Under panel planting will be managed to achieve good condition. Kept as modified grassland as a precaution as shading and water availability may limit species diversity. All criteria for modified grassland can be met including essential Criterion A which requires 6-8 species per metre squared including forbs. Other criteria will be passed with management of sward length and conservation minded management.
Floodplain wetland mosaic and CFGM	32.5686 ha	Moderate	Retained coastal floodplain grazing marsh currently identified on the priority habitat inventory will be managed to ensure a minimum of moderate condition is achieved (conservation management). An additional 28.635 ha of CFGM will be sown as other neutral grassland (species mix to be tolerant of water logging) within the land between Sewer dyke and the River Trent, in line with seed manufacturers instruction. This area will be managed to frequently wet and is considered to serve the purpose of CFGM.
Bramble scrub	0.1772 ha	N/A	Retained - Condition assessment N/A
Cereal crop	71.6989 ha	N/A	Retained - Condition assessment N/A
Other Neutral Grassland	205.3705 ha	Moderate	Areas of other neutral grassland will be created within mitigation land that is free of infrastructure. Areas will be prepared for sowing prior to the establishment of other neutral grassland. Grassland will be managed appropriately to maintain a minimum of moderate condition.
Mixed Scrub	1.3175 ha	Moderate	Varied parcels of scrub within the Site that will be managed to moderate condition. Condition is held back from good due to stark change from scrub



Habitat Type	Extent (Ha or Km)	Target Condition	Justification	
			to adjacent habitats, therefore lacking verge habitats. Scale of some of the scrub parcels mean clearings and rides within scrub are not available.	
Mixed scrub	17.4308 ha	Good	Retained scrub within High Marnham is considered good (precautionarily). Enhancement of scrub within the Site will see betterment in management with plantings as necessary to vary the species assemblage and provide structural improvements.	
Sustainable drainage systems	2.7913 ha	Good	Drainage basins associated with substation sites will be designed with conservation in mind, shallow banksides will be planted and managed appropriately to achieve good condition.	
Non-priority ponds	0.4179 ha	Moderate	Over excavated sustainable urban drainage features (i.e. attenuation basins) will provide permanent ponds within the bottom of the SuDS feature These will be planted and managed appropriately to achieve moderate condition.	
Pond (priority habitat)	0.0957 ha	Good	Retained ponds managed to maintain condition.	
Developed land sealed surface	52.6406 ha	N/A	Retained developed land within the Order Limits and newly created developed land associated with roads and infrastructure for development.	
Artificial unvegetated, unsealed surface	41.0182 ha	N/A	Retained tracks utilised to avoid and minimise habitat loss, with the creation of additional tracks within solar PV fields to be permeable crushed aggregate / gravel.	
Arable field margins game bird mix	7.2 ha	N/A	Commitment to arable margins along one side of Solar PV fields. Assumed 200m length (based on average shortest field side) multiplied by 4 metre width. There will likely be a larger enhancement provided by these habitats following final design - This will replace modified grassland (a low distinctiveness habitat) with a medium distinctiveness habitat.	
Bare ground	0.1116 ha	Moderate	Retained ground within High Marnham	
Bare ground	20.7789 ha	Good	Retained ground within High Marnham	



Habitat Type	Extent (Ha or Km)	Target Condition	Justification		
Other woodland; broadleaved	8.5269 ha	Poor	Shelterbelt tree planting to provide screening. Structure, scale and management of these habitats to limit the condition to poor.		
Other woodland; broadleaved	0.6948 ha	Good	Enhancements to well-established woodland habitat parcels within the Site to improve conditions. This will be achieved through improved habitat management, planting and structural diversification.		
Other woodland; mixed	2.5582 ha	Good	Enhancements to well-established woodland habitat parcels within the Site to improve conditions. This will be achieved through improved habitat management, planting and structural diversification.		
Watercourse footprint	5.9031 ha	N/A	River Trent footprint		
Woodland and forest - Lowland mixed deciduous woodland	2.5303 ha	Moderate	Retained habitat that bounds the proposed Order Limits and will not be impacted by the development. Moderate condition due to human influences and lack of structural diversity.		
Woodland and forest - Lowland mixed deciduous woodland	0.9475 ha	Good	Improvements to remnant woodland within the Proposed Development to achieve good condition. Conservation management will create structural diversity and remove damaging management practices.		
Individual trees	0.8143 ha	Moderate	An estimated 200 individual trees to be used as part of scattered planting. A will over sail vegetation and be managed appropriately to gain 'moderate' condition.		
Ecologically valuable line of trees	0.95 km	Good	Enhanced through good management and gapping up.		
Ecologically valuable line of trees - associated with bank or ditch	0.33 km	Good	Enhanced through good management and gapping up.		



Habitat Type	Extent (Ha or Km)	Target Condition	Justification	
Line of trees	2.63 km	Good	Enhanced through good management and gapping up.	
Line of trees - associated with bank or ditch	1.23 km	Good	Enhanced through good management and gapping up.	
Native hedgerow	20.31 km	Good	Enhanced through good management and gapping up.	
Native hedgerow - associated with bank or ditch	8.47 km	Good	Enhanced through good management and gapping up.	
Native hedgerow with trees	12.35 km	Good	Enhanced through good management and gapping up.	
Native hedgerow with trees - associated with bank or ditch	11.69 km	Good	Enhanced through good management and gapping up.	
Species-rich native hedgerow	7.97 km	Good	Enhanced through good management and gapping up. New hedgerow to be created	
Species-rich native hedgerow - associated with bank or ditch	0.48 km	Good	Enhanced through good management and gapping up.	
Species-rich native hedgerow with trees	7.05 km	Good	Enhanced through good management and gapping up. New hedgerow to be created	



Habitat Type	Extent (Ha or Km)	Target Condition	Justification
Species-rich native hedgerow with trees - associated with bank or ditch	0.27 km	Good	Enhanced through good management and gapping up.
Ditches	14.13 km	Good	Enhanced through changes to management, including rotational management to retain bankside vegetation.
Other rivers and streams	4.83 km	Good	Enhanced through changes to management, with encroachment within the riparian zone reduced and ecological enhancements delivered.  Conservation management to be applied.
Total Habitats	1409.47 ha (excluding individual trees)		



## 4.1 Statutory Biodiversity Metric Inputs

- 1.3.34 Table 4-3 provides the baseline inputs to the Statutory Biodiversity Metric for area-based habitats and Table 4-4 provides the post-development habitats to be created in the Statutory Biodiversity Metric for area-based habitats.
- 1.3.35 Table 4-5 provides the baseline inputs to the Statutory Biodiversity Metric for hedgerows and tree lines and Table 4-6 provides the post-development habitats to be created and enhanced in the Statutory Biodiversity Metric for hedgerows and tree lines.
- 1.3.36 Table 4-7 provides the baseline inputs to the Statutory Biodiversity Metric for watercourses and Table
   4-8 provides the post-development habitats to be created and enhanced in the Statutory Biodiversity
   Metric for water courses.
- 1.3.37 The strategic significance of the habitats on the Site is defined as 'Area/compensation not in local strategy/no local strategy'. The relevant Local Nature Recovery Strategy mapping shows several areas within the draft Order Limits that are identified as being locations in which woodland creation would be favourable. However, these have not been given a greater strategic significance as this would result in an artificial inflation of the overall outcome. This is because although the baseline value would increase (and therefore the size of the 10% BNG), so would the delivery of new habitats despite this not comprising of new woodland planting. As the new habitats have a greater value than the existing the addition of the strategic significance multiplier would inflate their value leading to an increase in the percentage uplift overall. There are also several habitat parcels that are identified within the Nottinghamshire and Nottingham Local Nature Recovery Strategy mapping as 'areas of particular importance for biodiversity' that overlap with the Order Limits, these habitats include the Fledborough to Harby Dismantled Railway Local Wildlife Site, and Road Wood Local Wildlife Site, these areas will be retained with no habitat enhancement or creation proposed.



Table 4-3: Baseline inputs to the Statutory Metric (area-based habitats)

Habitat type	Habitat condition	Extent (ha)	Habitat units	Area retained (ha)	Area enhanced (ha)	Area Lost (ha)
Modified grassland	Poor	107.6096	215.22	16.4015	0	91.21
Modified grassland	Moderate	10.1718	40.69	0.0995	0	10.07
Modified grassland	Good	1.1927	7.16	0	0	1.1927
Arable field margins game bird mix	N/A	6.989	29.63	0	0	6.989
Artificial unvegetated, unsealed surface	N/A	21.5683	0.00	20.8482	0	0.72
Bare Ground	Moderate	0.1116	0.45	0.1116	0	0
Bare Ground	Good	20.7789	124.67	20.7789	0	0
Bramble scrub	N/A	0.1772	0.71	0.1772	0	0
Cereal crops	N/A	796.4834	1592.97	71.6989	0	734.60



Habitat type	Habitat condition	Extent (ha)	Habitat units	Area retained (ha)	Area enhanced (ha)	Area Lost (ha)
Developed land; sealed surface	N/A	22.2731	0.00	18.3827	0	3.89
Floodplain wetland mosaic and CFGM	Poor	3.9336	23.60	0	3.9336	0
Lowland mixed deciduous woodland	Poor	0.9475	5.69	0	0.9475	0
Lowland mixed deciduous woodland	Moderate	2.5303	30.36	2.5303	0	0
Mixed scrub	Poor	2.5015	10.01	0	2.5015	0
Mixed scrub	Moderate	3.3504	26.80	0	3.3504	0
Mixed scrub	Good	11.5789	138.95	11.5789	0	0
Non-cereal crop	N/A	319.4159	638.83	0	0	319.4159
Other neutral grassland	Poor	1.2348	4.94	0	0	1.2348
Other woodland; broadleaved	Poor	0.6948	2.78	0	0.6948	0



Habitat type	Habitat condition	Extent (ha)	Habitat units	Area retained (ha)	Area enhanced (ha)	Area Lost (ha)
Other woodland; Mixed	Poor	2.5582	10.23	0	2.5582	0
Ponds (priority habitat)	Good	0.0957	1.72	0.0957	0	0
Temporary grass and clover leys	N/A	67.3809	134.76	0	0	67.3809
Watercourse footprint	N/A	5.9031	0.00	5.9031	0	0

Table 4-4: Post-development inputs to the Statutory Biodiversity Metric (area-based habitats)

Habitat type	Habitat condition	Extent (ha)	Habitat units	Created or enhanced	Notes
Modified Grassland	Good	918.1987	4293.18	Created	Grassland beneath solar arrays
Floodplain wetland mosaic CFGM	Moderate	3.9336	34.68	Enhanced	Grassland mapped within priority habitat inventory will be enhanced.
Floodplain wetland mosaic CFGM	Moderate	28.635	79.41	Created	Grassland to be created within low-lying arable land between Sewer dyke and River Trent
Other neutral grassland	Moderate	203.7975	1377.62	Created	Mitigation grassland planting to be created.



Habitat type	Habitat condition	Extent (ha)	Habitat units	Created or enhanced	Notes
Other neutral grassland	Good	1.579	13.27	Created	Mitigation grassland planting to be created.
Mixed scrub	Moderate	1.3175	8.82	Created	Scrub within development that will be limited to moderate condition due to scale and management requirements.
Mixed scrub	Good	5.8519	62.87	Enhanced	Scrub within site to be managed appropriately into high condition category.
Ponds (non-priority)	Moderate	0.4179	3.00	Created	Within over excavated SuDS features associated with substation sites.
Developed land; sealed surface	N/A	34.2579	0.00	Created	Infrastructure.
Sustainable drainage system	Good	2.7913	9.39	Created	Features created as detention basins associated with substations.
Other broadleaved woodland	Poor	8.5269	28.54	Created	Shelterbelt woodland planting to be used to screen the development.



Habitat type	Habitat condition	Extent (ha)	Habitat units	Created or enhanced	Notes
					Condition limited due to scale and management requirements.
Other broadleaved woodland	Good	0.6948	5.51	Enhanced	Betterment of management to remove damaging practices.
Arable field margins	N/A	7.2	27.79	Created	Commitment to deliver margins along one side of Solar PV fields.
Artificial unvegetated; unsealed surface	N/A	20.17	0.00	Created	Infrastructure.
Lowland mixed deciduous woodland	Good	0.9475	6.88	Enhanced	Betterment of management to remove damaging practices.
Rural tree	Good	0.8143	2.49	Created	Managed to achieve moderate condition following planting.
Total		1239.1338	5953.45		



Table 4-5: Baseline inputs to the Statutory Metric (hedgerows and tree lines)

Habitat type	Habitat condition	Extent (km)	Hedgerow units	Length retained (km)	Length enhanced (km)	Length lost (km)
Ecologically valuable line of trees	Moderate	0.948	7.58	0.00	0.948	0.00
Ecologically valuable line of trees	Good	0.48	5.76	0.474	0.00	0.01
Ecologically valuable line of trees - associated with bank or ditch	Moderate	0.332	2.66	0.00	0.332	0.00
Ecologically valuable line of trees - associated with bank or ditch	Good	0.334	4.01	0.334	0.00	0.00
Line of trees	Poor	0.91	1.82	0.00	0.91	0.00
Line of trees	Moderate	2.399	9.60	0.00	2.293	0.01
Line of trees	Good	0.397	2.38	0.397	0.00	0.00
Line of trees – associated with bank or ditch	Poor	1.031	2.06	0.00	1.031	0.00
Line of trees - associated with bank or ditch	Moderate	1.682	4.91	0.00	1.676	0.01



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Length retained (km)	Length enhanced (km)	Length lost (km)
Line of trees - associated with bank or ditch	Good	0.858	5.15	0.858	0.00	0.00
Native hedgerow	Poor	12.027	24.05	0.00	11.997	0.03
Native hedgerow	Moderate	8.743	34.97	0.00	8.713	0.03
Native hedgerow - associated with bank or ditch	Poor	2.691	10.76	0.00	2.649	0.04
Native hedgerow - associated with bank or ditch	Moderate	5.873	46.98	0.00	5.843	0.03
Native hedgerow - associated with bank or ditch	Good	0.059	0.71	0.059	0.00	0.00
Native hedgerow with trees	Poor	6.314	25.26	0.00	6.29	0.02
Native hedgerow with trees	Moderate	6.81	54.48	0.00	6.786	0.02
Native hedgerow with trees	Good	0.081	0.97	0.081	0.00	0.00



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Length retained (km)	Length enhanced (km)	Length lost (km)
Native hedgerow with trees - associated with bank or ditch	Poor	4.033	24.20	0.00	4.015	0.02
Native hedgerow with trees - associated with bank or ditch	Moderate	7.744	92.93	0.00	7.654	0.090
Native hedgerow with trees - associated with bank or ditch	Good	0.212	3.82	0.206	0.00	0.01
Species-rich native hedgerow	Moderate	0.49	3.92	0.00	0.49	0.00
Species-rich native hedgerow	Good	0.507	6.08	0.501	0.00	0.01
Species-rich native hedgerow - associated with bank or ditch	Moderate	0.484	5.81	0.00	0.466	0.02



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Length retained (km)	Length enhanced (km)	Length lost (km)
Species-rich native hedgerow with trees	Poor	0.1	0.60	0.00	0.1	0.00
Species-rich native hedgerow with trees	Moderate	0.374	4.49	0.00	0.374	0.00
Species-rich native hedgerow with trees - associated with bank or ditch	Moderate	0.276	4.42	0.00	0.276	0.00
Total		66.19 km	392.19	2.91	62.94	0.334

#### Table 4-6: Post-development inputs to the Statutory Biodiversity Metric (hedgerows and tree lines)

Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
Species-rich native hedgerow with trees	Good	6.578	58.06	Created	Newly created species-rich hedgerows with trees shown on the masterplan. Standard trees will be planted within hedgerows to improve structural diversity.
Species-rich native hedgerow	Good	7.482	58.55	Created	Newly created species-rich



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
					hedgerows shown on the masterplan.
Ecologically valuable line of trees - associated with bank or ditch	Good	0.332	3.59	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Ecologically valuable line of trees	Good	0.948	10.24	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
Line of trees - associated with bank or ditch	Good	2.707	12.53	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Line of trees	Good	3.302	15.99	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Native hedgerow - associated with bank or ditch	Good	8.492	96.84	Enhanced	Linear features currently within the Site will be managed



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
					into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Native hedgerow with trees - associated with bank or ditch	Good	11.669	189.50	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Native hedgerow with trees	Good	13.076	138.22	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
					restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Native hedgerow	Good	20.71	115.23	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Species-rich native hedgerow - associated with bank or ditch	Good	0.466	8.20	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
					gapping up of features. An overall change in management regime will ensure betterment of condition.
Species-rich native hedgerow with trees - associated with bank or ditch	Good	0.276	6.33	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Species-rich native hedgerow with trees	Good	0.474	7.87	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in



Habitat type	Habitat condition	Extent (km)	Hedgerow units	Created or enhanced	Notes
					management regime will ensure betterment of condition.
Species-rich native hedgerow	Good	0.49	5.75	Enhanced	Linear features currently within the Site will be managed into better condition through a combination of restorative and sympathetic management and gapping up of features. An overall change in management regime will ensure betterment of condition.
Total		76.97	726.9		

Table 4-7: Baseline inputs to the Statutory Metric (watercourses)

Habitat type	Habitat condition	Extent (km)	Watercourse units	Length retained (km)	Length enhanced (km)	Length lost (km)
Ditches	Poor	6.989	27.96	0.00	6.979	0.01
Ditches	Moderate	7.905	63.24	0.00	7.905	0.00
Ditches	Good	0.853	10.24	0.847	0	0.01



Habitat type	Habitat condition	Extent (km)	Watercourse units	Length retained (km)	Length enhanced (km)	Length lost (km)
Other rivers and streams	Poor	1.612	7.25	0	1.612	0.00
Other rivers and streams	Moderate	2.506	22.55	0	2.468	0.04
Other rivers and streams	Good	0.716	12.89	0.716	0.00	0.00
Total		18.97	137.68	1.56	17.36	0.05

Table 4-8: Post-development inputs to the Statutory Biodiversity Metric (watercourses)

Habitat type	Habitat condition	Extent (km)	Watercourse units	Created or enhanced	Notes
Culvert	Poor	0.054	0.05	Created	Clear span bridges considered as culverts though watercourses will not be culverted in practice however infrastructure on banks is considered similar to culverting on a precautionary basis.  Condition of culvert is pre-assigned.
Other rivers and streams	Good	4.8	70.5	Enhanced	
Ditches	Good	14.1	154.7	Enhanced	



Habitat type	Habitat condition	Extent (km)		Created or enhanced	Notes
Total		18.97	225.25		



# 4.2 Statutory Biodiversity Metric Outcome

- 1.3.38 The Proposed Development will result in an on-site net change of:
  - 3439.80 habitat units, an increase of 111.37%
  - 363.34 hedgerow units, an increase of 92.64%
  - 87.57 watercourse units, an increase of 63.61%
- 1.3.39 The Proposed Development does not require the delivery of additional biodiversity units off-site as well in excess of a 10% minimum BNG is provided for within the design. The strategy is in-keeping with the guiding principles of the Metric and trading rules are met.



# **A1** Habitat Condition Assessment Sheets



#### **Modified Grassland - Poor Condition**

Co	ndition Sheet: GRASSLAND Ha	bitat Type (low distinctiveness)		
Uŀ	(Habitat Classification (UKHab)			
Gr	assland - Modified grassland	Io		h
	site or off-site, site name and cation	On-site various locations.	Survey date and Surveyor name	Various between April 2023 and August 2024.
Lii	nitations (if applicable)		Survey reference (if relating to a wider survey)	
Gr	id reference	Multiple areas across the site	Habitat parcel reference	
Mo sp ad	ecies diversity (failing the essentia	rable filed margins, permanent pasture and the banks of the Rive I criterion A), the sward height (where uncut) was generally tall a ctivities. No bracken or invasive species were recorded. Larger at increased bare ground.	nd dense, with no bare gro	und. Damage was frequent due to
uk	nab - UK Habitat Classification			
Co	ndition Assessment Criteria		Criterion passed (Yes or No)	Notes (such as justification)
A	include those listed in Footnote 1 Good condition. Where the vascular plant species distinctiveness grassland, or then	cies per m² present, including at least 2 forbs (these may ). Note - this criterion is essential for achieving Moderate or present are characteristic of medium, high or very high e are 9 or more of these characteristic species per m² e 1), please review the full UKHAb description to assess	No	Lacks species diversity.
	whether the grassland should ins	e to, please leview in the fail of that description to assess each be classified as a higher distinctiveness grassland. Where n, high, or very high distinctiveness, please use the relevant	No	Sward height not varied. Either cut
В		0% of the sward is less than 7 cm and at least 20% is more than ch provide opportunities for vertebrates and invertebrates to live	NO	Sward neight not varied. Either cut and grazed to the same height or left unmanaged and the same height.
С	Any scrub present accounts for le such as bramble Rubus fruticosu	ess than 20% of the total grassland area. (Some scattered scrub s agg. may be present).	Yes	
	Note - patches of scrub with cont relevant scrub habitat type.	inuous (more than 90%) cover should be classified as the		
r			No	Frequent damaged due to
D	damage include excessive poach	s than 5% of total grassland area. Examples of physical ing, damage from machinery use or storage, erosion caused by rr damaging management activities.		argicultural practices on field margins or overgrazing from sheep.
E	Cover of bare ground is between concentration of rabbit warrens) <sup>2</sup> .	1% and 10%, including localised areas (for example, a	No	No bare ground for field margins, and large amounts (greater than 10%) for sheep grazing fields.
E	Cover of bracken Pteridium aquil	inum is less than 20%.	Yes	No bracken
G	There is an absence of invasive r	non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA <sup>4</sup> ).	Yes	
		Essential criter	ion achieved (Yes or No)	
		, N	lumber of criteria passed	3
	ndition Assessment Result	Condition Assessment Score	Score Achieved ×/√	



Passes 6 or 7 criteria including passing essential criterion A	Good (3)		
Passes 4 or 5 criteria including passing essential criterion A	Moderate (2)		
Passes 3 or fewer criteria; OR Passes 4 - 6 criteria (excluding criterion A)	Poor (1)	X	

Suggested enhancement interventions to improve condition score Improve species diversity through conservation management.

Footnote 1 – Creeping thistle Cirsium arvense, spear thistle Cirsium vulgare, curled dock Rumex crispus, broad-leaved dock Rumex obtusifolius, common nettle Urtica dioica, creeping buttercup Ranunculus repens, greater plantain Plantago major, white clover Trifolium repens and cow parsley Anthriscus sylvestris.

Footnote 2 - For example, this could include small, scattered areas of bare ground allowing establishment of new species, or localised patches where not exceeding 10% cover.

Footnote 3 – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.

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

14529A 45 24 July 2025



# Modified grassland - Moderate condition

		bitat Type (low distilletivelless)		
	Habitat Classification (UKHab)	Habitat Type		
Gr	assland - Modified grassland	Io		1. ".0000
	-site or off-site, site name and ation	On-site	Survey date and Surveyor name	April 2023 to August 2024.
Lir	nitations (if applicable)		Survey reference (if relating to a wider survey)	
Gr	d reference	Multiple parcels	Habitat parcel reference	
Ha	bitat Description			
		that form wide field margins or have been left unmanaged allowir the Order limits and include six parcels west of the River Trent a		ease to pass essential criteria A.
ukl	nab - UK Habitat Classification			
Со	ndition Assessment Criteria		Criterion passed (Yes or No)	Notes (such as justification)
Α	include those listed in Footnote 1 Good condition.  Where the vascular plant species distinctiveness grassland, or ther (excluding those listed in Footnot whether the grassland should ins	cies per m² present, including at least 2 forbs (these may ). Note - this criterion is essential for achieving Moderate or a present are characteristic of medium, high or very high e are 9 or more of these characteristic species per m² e 1), please review the full UKHab description to assess tead be classified as a higher distinctiveness grassland. Where n, high, or very high distinctiveness, please use the relevant	Yes	6-8 vascular plant species per m2 present, including at least two forbs. Though species assemblage is indicative of modified grassland i.e. derived from agricultural activity with arable weeds.
В		0% of the sward is less than 7 cm and at least 20% is more than ch provide opportunities for vertebrates and invertebrates to live	No	Sward height not varied. Either cut and grazed to the same height or left unmanaged and the same height.
С	such as bramble Rubus fruticosu	ess than 20% of the total grassland area. (Some scattered scrub s agg. may be present). inuous (more than 90%) cover should be classified as the	Yes	Margins and fields still under management which maintains open ground.
D	damage include excessive poach	is than 5% of total grassland area. Examples of physical ing, damage from machinery use or storage, erosion caused by or damaging management activities.	No	Frequent damaged due to argicultural practices on field margins.
E	Cover of bare ground is between concentration of rabbit warrens) <sup>2</sup> .	1% and 10%, including localised areas (for example, a	Yes	
Е	Cover of bracken Pteridium aquili	inum is less than 20%.	Yes	
G	There is an absence of invasive r	non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA <sup>4</sup> ).	Yes	
		Essential criter	ion achieved (Yes or No)	Yes
			umber of criteria passed	
Co	ndition Assessment Result			
	ndition Assessment Result it of 7 criteria)	Condition Assessment Score	Score Achieved ×/√	



Passes 6 or 7 criteria including passing essential criterion A	Good (3)		
Passes 4 or 5 criteria including passing essential criterion A	Moderate (2)	<b>√</b>	
Passes 3 or fewer criteria; OR Passes 4 - 6 criteria (excluding criterion A)	Poor (1)		

Suggested enhancement interventions to improve condition score
Remove damaging management activities, vary sward height and improve species diversity / assemblage.

Footnote 1 – Creeping thistle Cirsium arvense, spear thistle Cirsium vulgare, curled dock Rumex crispus, broad-leaved dock Rumex obtusifolius, common nettle Urtica dioica, creeping buttercup Ranunculus repens, greater plantain Plantago major, white clover Trifolium repens and cow parsley Anthriscus sylvestris.

Footnote 2 - For example, this could include small, scattered areas of bare ground allowing establishment of new species, or localised patches where not

Footnote 3 – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.

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



# **Modified Grassland - Good condition**

Co	Condition Sheet: GRASSLAND Habitat Type (low distinctiveness)									
UK	Habitat Classification (UKHab)	Habitat Type								
Gr	assland - Modified grassland	0	lii	A - 1 0000 t - A 1 0004						
	-site or off-site, site name and ation	On-site	Survey date and Surveyor name	April 2023 to August 2024.						
Lir	nitations (if applicable)		Survey reference (if relating to a wider survey)							
Gr	d reference	SK 83558 71426	Habitat parcel reference							
Ha	bitat Description									
On	One modified grassland field with high species diversity though evidence of agricultural heritage.									
ukl	nab - UK Habitat Classification									
Co	ndition Assessment Criteria		Criterion passed (Yes	Notes (such as justification)						
			or No)							
	include those listed in Footnote 1 Good condition.	ties per m <sup>2</sup> present, including at least 2 forbs (these may ). Note - this criterion is essential for achieving Moderate or present are characteristic of medium, high or very high	Yes	High species diversity, including planted pollinators such as Lacy facalia						
А	distinctiveness grassland, or then (excluding those listed in Footnot whether the grassland should ins a grassland is classed as mediun condition sheet.									
В		0% of the sward is less than 7 cm and at least 20% is more than ch provide opportunities for vertebrates and invertebrates to live	Yes							
С	such as bramble Rubus fruticosu		Yes							
	relevant scrub habitat type.	nuous (more than 90%) cover should be classified as the								
D	damage include excessive poach	s than 5% of total grassland area. Examples of physical ing, damage from machinery use or storage, erosion caused by r damaging management activities.	No							
H			Vos							
Е	Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens) <sup>2</sup> .									
F Cover of bracken Pteridium aquilinum is less than 20%.										
G	There is an absence of invasive r	non-native plant species <sup>3</sup> (as listed on Schedule 9 of WCA <sup>4</sup> ).	Yes							
		Essential criter	ion achieved (Yes or No)	Yes						
				6						
			umber of criteria passed	75						
Co	ndition Assessment Result	Condition Assessment Score	Score Achieved ×/√							



Passes 6 or 7 criteria including passing essential criterion A	Good (3)	✓						
Passes 4 or 5 criteria including passing essential criterion A	Moderate (2)							
Passes 3 or fewer criteria; OR Passes 4 - 6 criteria (excluding criterion A)	Poor (1)							
Suggested enhancement interver	ntions to improve condition score							
Remove damaging management.								
Footnotes								
Footnote 1 – Creeping thistle Cirsium arvense, spear thistle Cirsium vulgare, curled dock Rumex crispus, broad-leaved dock Rumex obtusifolius, common nettle Urtica dioica, creeping buttercup Ranunculus repens, greater plantain Plantago major, white clover Trifolium repens and cow parsley Anthriscus sylvestris.  Footnote 2 – For example, this could include small, scattered areas of bare ground allowing establishment of new species, or localised patches where not exceeding 10% cover.								
	distinct habitat parcel. If the distribution of invasive non-native species with a size relative							
Footnote 4 – Wildlife and Countrys	ide Act 1981 (as amended).							

14529A 49 24 July 2025



# Other neutral grassland - Poor condition

Condition Sheet: GRASSLAND Habitat Type (medium, high and very high distinctiveness)											
Uŀ	Habitat Classification (UKHab	o) Habitat Types									
Gr Gr Gr Gr Gr Gr	assland - Lowland calcareous assland - Lowland dry acid gra assland - Cowland meadows assland - Other lowland acid g assland - Other neutral grassla assland - Tall herb communiti assland - Upland acid grasslar assland - Upland calcareous g assland - Upland hay meadow arsely vegetated land - Calami	rassland rassland and s (H6430) [Not to be confused with the Tall forbs seconda id rassland s	ary code – see UKHal	b guidance for details.]							
	n-site or off-site, site name d location	On-site	Survey date and Surveyor name	April 2023 to August 2024.							
Liı	nitations (if applicable)		Survey reference (if relating to a wider survey)								
Gr	id reference	SK83997311	Habitat parcel reference								
Ha	bitat Description										
ac gra	tivity however due to management assland.	and surrounded by expansive farmland all around. Grassl nt type and nearby habitats this parcel is lacking diversity in									
uk	hab – UK Habitat Classification										
Cc	ndition Assessment Criteria		Criterion passed (Yes or No)	Notes (such as justification)							
Α	proportion of characteristic indic	xample of its habitat type, with a consistently high ator species present relevant to the specific habitat type ptimal species which may be listed in the UKHab	No	Lacks diversity or indicative species assemblage.							
	Note - this criterion is essenti acid grassland types only.	al for achieving Moderate or Good condition for non-									
В	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.  Yes  Varied sward heigh is present.										
С	Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens <sup>2</sup> .  Low levels of bare ground that between 1 and 5%.										
D	Cover of bracken Pteridium aqu bramble Rubus fruticosus agg.)	illinum is less than 20% and cover of scrub (including is less than 5%.	Yes	No bracken or scrub is present.							



Additional Criterion - must be assessed for all non-acid grassland types  There are 10 or more vascular plant species per m² present, including forbs that are characteristic of the habitat type (species referenced in Footnote 3 and 5 cannot contribute towards this count).  Note - this criterion is essential for achieving Good condition for non-acid grassland types only.  Essential criterion for Good condition achieved (for non-acid grassland) No (Yes or No)  Number of criteria passed  Condition Assessment Result  Condition Assessment Score  Acid grassland types (Result out of 5 criteria)  Passes 5 criteria  Good (3)  Passes 3 or 4 criteria  Moderate (2)  Passes 2 or fewer criteria  Poor (1)  Non-acid grassland types (Result out of 6 criteria)  Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 2 or fewer criteria;  OR  Passes 3 or 4 criteria excluding criterion A.  Passes 2 or fewer criteria;  OR  Passes 3 or 4 criteria excluding criterion A.  Passes 3 or 4 criteria excluding criterion A.  Passes 3 or 4 criteria excluding criterion A.  Poor (1)  Notes  Footnote 1 - Professional judgement should be used alongside the UKHab description.		(such as excessive poaching, di access, or any other damaging area.  If any invasive non-native plant this criterion is automatically fail		Yes	No damage or invaisve species present.						
There are 10 or more vascular plant species per m² present, including forbs that are characteristic of the habitat type (species referenced in Footnote 3 and 5 cannot contribute towards this count).  Note - this criterion is essential for achieving Good condition for non-acid grassland types only.  Essential criterion for Good condition achieved (for non-acid grassland (Yes or No) Number of criteria passed  Condition Assessment Result  Condition Assessment Score  Acid grassland types (Result out of 5 criteria)  Passes 5 criteria  Good (3)  Passes 2 or fewer criteria  Poor (1)  Non-acid grassland types (Result out of 6 criteria)  Passes 2 or fewer criteria, including essential criterion A and additional criterion A.  Passes 3 or 4 criteria, including essential criterion A.  Passes 3 or 4 criteria excluding oriterion A.  Passes 3 or 4 criteria excluding criterion A.  Passes 3 or 4 criteria excluding criterion A.  Passes 3 or 4 criteria excluding criterion A.  Poor (1)  Suggested enhancement interventions to improve condition score	Ad	ditional Criterion - must be as:	sessed for all non-acid grassland types								
Number of criteria passed  Condition Assessment Result Condition Assessment Score Score Achieved (/// Achieved (//	F	characteristic of the habitat type contribute towards this count). Note - this criterion is essenti	(species referenced in Footnote 3 and 5 cannot	No	Lacks species diversity.						
Condition Assessment Result  Condition Assessment Score  Condition Assessment Result  Condition Assessment Score  Condition Assessment Score Achieved   X//  Condition Assessment Score  Condition Assessment Score  Condition Assessment Score  Condition Assessment Score Achieved   X//  Condition Assessment Score  Condition Assessment Score  Condition Assessment Score  Condition Assessment Score Achieved   X//  Condition Assessment Score  Condition A		Essential criterion		No							
Acid grassland types (Result out of 5 criteria)  Passes 5 criteria  Passes 3 or 4 criteria  Moderate (2)  Passes 2 or fewer criteria  Poor (1)  Non-acid grassland types (Result out of 6 criteria)  Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Moderate (2)  Passes 2 or fewer criteria;  OR  Passes 3 or 4 criteria excluding eriterion A and F.  Suggested enhancement interventions to improve condition score			Number of criteria passed	4							
Passes 5 criteria Good (3)  Passes 3 or 4 criteria Moderate (2)  Passes 2 or fewer criteria Poor (1)  Non-acid grassland types (Result out of 6 criteria)  Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Passes 2 or fewer criteria; OR  Passes 2 or fewer criteria; OR  Passes 3 or 4 criteria excluding criterion A.  Suggested enhancement interventions to improve condition score	Со	ndition Assessment Result	Condition Assessment Score								
Passes 3 or 4 criteria  Passes 2 or fewer criteria  Poor (1)  Non-acid grassland types (Result out of 6 criteria)  Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Passes 2 or fewer criteria; OR Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score	Ac	id grassland types (Result out	of 5 criteria)								
Passes 2 or fewer criteria Poor (1)  Non-acid grassland types (Result out of 6 criteria)  Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score	Pa	sses 5 criteria	Good (3)								
Non-acid grassland types (Result out of 6 criteria)  Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Moderate (2)  Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score	Pa	sses 3 or 4 criteria	Moderate (2)								
Passes 5 or 6 criteria, including essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Moderate (2)  Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score	Pa	sses 2 or fewer criteria	Poor (1)								
essential criterion A and additional criterion F.  Passes 3 - 5 criteria, including essential criterion A.  Moderate (2)  Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score	No	n-acid grassland types (Resul	t out of 6 criteria)								
Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score	ess	ential criterion A and additional	Good (3)								
OR Passes 3 or 4 criteria excluding criterion A and F.  Suggested enhancement interventions to improve condition score			Moderate (2)								
Notes	OR Pa: crit	sses 3 or 4 criteria excluding erion A and F.		<b>√</b>							
	Su	suggested enhancement interventions to improve condition score									
	No	tes									
	Т		ent should be used alongside the UKHab description.								

Footnote 2 – For example, this could include small, scattered areas of bare ground allowing for plant colonisation, or localised patches not exceeding 5% cover.

Footnote 3 - Species indicative of suboptimal condition for this habitat type include: creeping thistle Cirsium arvense, spear thistle Cirsium vulgare, curled dock Rumex crispus, broad-leaved dock Rumex obtusifolius, common nettle Urtica dioica, creeping buttercup Ranunculus repens, greater plantain Plantago major, white clover Trifolium repens and cow parsley Anthriscus sylvestris. There may be additional relevant species local to the region and or site.

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

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



# **Ponds - Good condition**

С	ondition Sheet: POND Habitat Type												
3	abitat Type												
L	akes - Ponds (priority habitat)												
	akes - Ponds (non-priority habitat) akes - Temporary lakes ponds and po	als (U2170) Il les this condition s	hoot for	Tomporo	n ( pende	and naal	o uso Lok	o conditi	on about f	or Tomor	ron Inko	o1	
	akes - Ornamental lake or pond [Use t									or rempo	ialy lake	3]	
	abitat Description												
L	the LUCIDADE OF THE STATE OF TH								1			17	
ur	hab - UK Habitat Classification	On-site	C	data	April 202	23 to Auc	just 2024.						
			Survey and Su										
0	n-site or off-site, site name and		name										
	cation		Survey										
			referen relating										
			wider s										
		Ponds were unable to be thoroughly assessed (access		parcel re	eference							-0	
		difficulty / vegetation). Assumed	P1	P9									
Li	mitations (if applicable)	to be in good condition to											
		ensure BNG is met.											4
			Grid ret	ference	,	,							1
					1								
	10.						1						
C	ondition Assessment Criteria												Notes (such as
			Criterio	n passe	d (Yes or	No)							justification)
С	ore Criteria - applicable to all ponds (	woodland <sup>1</sup> and non-woodland):											1
Г		2 7 7 7 7 1 1 1 7 7 7 7 7 7 7 7 7 7 7 7	Y	Υ	Ì		T						
A	The pond is of good water quality, with indicating no obvious signs of pollution												
	pond is grazed by livestock.												
H			Y	Y	_		+			_			
В	There is semi-natural habitat (moderat completely surrounding the pond, for a		100										
ľ	for its entire perimeter.	a react to minemake pena cago											
-	***************************************		Y	Y			1						
	Less than 10% of the water surface is	covered with duckweed Lemna	l"										
C	spp. or filamentous algae.												
			Y	Y									
D	The pond is not artificially connected to agricultural ditches or artificial pipewor												
	agricultural ditches of artificial pipewor	Λ.											
H	-		Y	Y	-		+			-			
E	Pond water levels can fluctuate natura	lly throughout the year. No											
ľ	obvious artificial dams2, pumps or pipe	ework.											
$\vdash$	-		Y	Y			+			-		-	
			1										
F	There is an absence of listed non-nativ	e plant and animal species3.											
			Y	Y									
G	The pond is not artificially stocked with contains fish, it is a native fish assemb	fish. If the pond naturally											
	Contains lish, it is a native lish assemb	lage at low defisities.											
A	dditional Criteria - must be assessed	for all non-woodland ponds:											1
Г			Y	Y	1		T						
Н	Emergent, submerged or floating plant	s (excluding duckweed)4 cover at											
ľ	least 50% of the pond area which is les	ss than 3 m deep.											
-			Y	V			-		-	-		-	
	The pond surface is no more than 50%	shaded by adjacent trees and	1	Y									
1	I he pond surface is no more than 50% scrub.	snaued by adjacent trees and											
80	<u></u>	Number of criteria passed	9	9									
333	66 /												
С	ondition Assessment Result	Condition Assessment Score	Score A	chieved	×/√								
R	esults for woodland ponds which req	uire assessment of 7 core crite	ria										
-	Passes 7 criteria Good (3)												
P	asses 5 or 6 criteria	Moderate (2)			Į.		1						



Passes 4 or fewer criteria	Poor (1)					I.						
Results for non-woodland pond	Is which require assessment of	of 9 criteria			0		20					
Passes 9 criteria	Good (3)	1	1				6					
Passes 6 to 8 criteria	Moderate (2)					A L	3-					
Passes 5 or fewer criteria	Poor (1)											
Footnote 1 - A woodland pond w	ill be surrounded on all sides by	woodland habit	at.									
Footnote 2 – This excludes natur	al dams such as those created b	by Eurasian bea	ver Casto	fiber.								
Footnote 3 - Any species include species according to their level of			TAG GB H	igh Impact	Species	List shou	uld be abs	ent: WFD	UKTAG	(2021) C	Classification	on of aquatic alien

14529A 53 24 July 2025



# **Scrub - Condition assessment sheets**

	ndition Sheet: SCRUB Habitat T	уре											
_	bitat Types												
	athland and shrub - Blackthorn : athland and shrub - Gorse scrub												
	athland and shrub - Gorse scrub athland and shrub - Hawthorn so												
	athland and shrub - Hazel scrub												
	athland and shrub - Mixed scrub												
	athland and shrub - Dunes with												
100	athland and shrub - Willow scru	b											
	bitat Description												
		es alongside arable fields in poor condition due within the Order Limits and within the National						els. Mod	erate an	id good	example	s of mixed	d scrub are
100	ated along the Sustrains 047 Toute	within the Order Limits and within the National	Ond mg	gii iviaiiii	aiii subsi	auon si	ie.						
_		I										T:	
F	or Dunes with sea buckthorn see:	Dunes with sea-buckthorn (Dunes with Hippor	hae rha	mnoides	) - Specia	al Areas	of Con	servation	(jncc.go	ov.uk)			
	For other scrub types see:	ukhab – UK Habitat Classification								100			
			Survey	date ar	vd.								
				or name									
	-site or off-site, site name and												
100	ation			referen									
			survey	g to a wi	der								
					referenc	•							
			Poor	Mod	Good		T	4	T	T	4	P.	-
l in	nitations (if applicable)												
-"	manons (ii applicable)												
			Grid re	ference			-	4	-	1		-	-
			J.III	1			1	T	T	T	Т	Г	-
Co	ndition Assessment Criteria												
00	nultion Assessment Criteria						110	- 1/2				Notes (such	
			Criteri	on pass	ed (Yes o	r No)							as
		2 2102 2400	No	Von	Yes		T .	4		ř	16	19	justification) Poor condition
		mple of its habitat type - the appearance and sely matches its UKHab description (where in	No	Yes	res								scrub has
	its natural range).1	sely matches its OKHab description (where in											limited
	- At least 80% of scrub is native,												species
Α	- There are at least three native w	oody species 2,											diversity with blackthorn or
		re than 75% of the cover (except hazel											hawthorn
		r Juniperus communis , sea buckthorn s restricted native range), or box Buxus											dominating.
	sempervirens, which can be up to												5.554.50.00.000000000000000000000000000
	# 100 / <b>*</b> 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 / 100 /	to, transferration (attended ≠ 2)	No	Yes	Yes		-	1	+	1	1		4
	Sdi		10000	100000	110000								
В	are all present.	s and mature (or ancient or veteran 3) shrubs											
	are an present.												
_			Yes	Yes	Yes		7.	1	-		-		-
	There is an absence of invasive n	on-native plant species 4 (as listed on	103	103	103								
С	Schedule 9 of WCA5) and species	s indicative of suboptimal condition 6 make up											
	less than 5% of ground cover.												
_			No	No	Yes	-		+		1	_		1
	The scrub has a well-developed e	dge with scattered scrub and tall grassland		10170	10.55								
D	and or forbs present between the												
	\$ 0.00 mm ( 1 mm (     ))))))))))												
			No	No	Yes						4	ž.	
	There are clearings, glades or ride	es present within the scrub, providing	38.55	8031-2-1	10000000								
Е	sheltered edges.												
		Number of criteria passed											
Со	ndition Assessment Result (out					0	141	31			9		
	5 criteria)	Condition Assessment Score	Score	Achieve	a ×/√			**		as .	2		
Pa	sses 5 criteria	Good (3)			5								
Pa	sses 3 or 4 criteria	Moderate (2)	1	3		8		1					
	sses 2 or fewer criteria	Poor (1)	1					+		1			-
	ggested enhancement interventi	0.000.000.000		_				1	1	<u> </u>	1		0
		class within habitat parcels. Allow edge feature	s to pers	sist and i	ntroduce	species	diversit	y throug	n spot ni	anting d	iverse ra	inge of lo	cal species.
1000	, , , , , , , , , , , , , , , , , , , ,	F-11-11-11-11-11-11-11-11-11-11-11-11-11				,		,39	.p p.			3	(A. 1940) <b>(</b> 147-767-767)

14529A 54 24 July 2025



# **Bare ground - Condition assessment sheets**

Hab	dition Sheet: URBAN Habitat Type itat Types												,
Spa Spa Urb: Urb: Urb: Urb: Urb: Urb: Urb: Urb:	Sparsely vegetated land - Ruderal/Ephemeral Sparsely vegetated land - Tail forbs Urban - Allotments Urban - Biodiverse green roof Urban - Biodiverse green roof Urban - Cemeteries and churchyards Urban - Cemeteries and churchyards Urban - Faceb-bound green wail Urban - Faceb-bound green wail Urban - Intensive green roof Urban - Intensive green roof Urban - Open mosaic habitats on previously developed land Urban - Nain garden Urban - Sparsen wail U												
		land within High Marnham that do not clear	ly fit the l	IK Hah da	ecification	for artific	rially upo	natated	uncaala	Leurface	The farm	tracks and	d around at High
		has previously been part of the working lan		51( ) Idb 616	oomouto	rior uran	nony or v	ogotatou,	unoculo	2 0011000	. The lan	radono din	ground at riigi
	Con the Statuton, Bindingrath, Matrie I look	Guide for green roofs, and UK Habitat Class	fication (	II/Lloh) for	other hel	hitoto	uldoob	UV Ushi	tat Classi	fication			
	See the Statutory Biodiversity Metric Oser C	On-site				April 202					ıq.		
0	n-site or off-site, site name and location			date and S	urveyor								
OII-	site of on-site, site fiame and location			reference to a wider									
			Habitat	parcel refe	rence								
Lim	tations (if applicable)		Farm tracks	Land at High									
			000000000000000000000000000000000000000	Marnha									
			Grid ref	erence		-		T	1	-			
Con	dition Assessment Criteria												
0011	anion rissessment officina												Notes (such
			Criterio	n passed (	Yes or N	0)							as justification)
Core	Criteria - must be assessed for all urban I	nabitat types:										-	
A	Vegetation structure is varied, providing or invertebrates to live, eat and breed. A sing vegetation type does not account for more	le structural habitat component or	No	Yes									Farm tracks have limited empheral vegetation at edges.
В	The habitat parcel contains different plant example flowering species providing necta different times of year.		Yes	Yes									
			Yes	Yes									High Marnham
С	absence of invasive non-native species	professional judgement cover less than riterion must be satisfied by a complete (rather than <5% cover).											has been remotely sensed however a precautionary approach has been taken to assign good condition to ensure BNG is met by the development.
Add	1920 1930 1930 1930 1930 1930 1930 1930 193	n mosaic habitat on previously develope	d landon N/A						1			1	
	The parcel shows spatial variation and form	ns a mosaic of bare substrate PLUS:	IN/A	N/A									
D	- At least four early successional communi												
	Communities: (a) annuals; (b) mosses/live inundation species; (f) open grassland; (g) pools.												
Add	tional Criteria - must be assessed for Biosv	vale and SuDS habitat types only:	-					-			-		
E1		ve species are present, they should not be	N/A	N/A									
E2	The vegetation is comprised of plant speci	es suited to wetland or riparian situations.	N/A	N/A									
Add	onal Criterion - must be assessed for Intensive green roofs only:												



F	The roof has a minimum of 50% native and 70% of the roof area is soil and vegetation		N/A	N/A									
Add	itional Criterion - must be assessed for Bioc	liverse green roofs only:											
G		m; at least 50% is at 150 mm and is planted or is pre-prepared with sedums and	N/A	N/A									
	The state of the s	vant for habitat type achieved (Yes or No	Yes	10	Yes			12.					
		Number of criteria passed	2	3	3								
Cor	dition Assessment Result	Condition Assessment Score	Score A	chieved ×									
Res	ults for habitats requiring assessment of 3 c	ore criteria only (all listed urban habitats	except O	pen mosa	ic habita	t on prev	iously de	veloped	land, Bi	oswale,	SuDS an	d Green	
• Pa ANI • Me	sses all 3 core criteria;	Good (3)		X									
OR • Pa the	sses 2 of 3 core criteria; sses 3 of 3 core criteria but does not meet requirements for Good condition within rion C.	Moderate (2)	х										
• P	asses 0 or 1 of 3 core criteria.	Poor (1)											
	Results for Green roofs and Open mosaic habitat on previously developed land (requiring assessment of 4 criteria only - core criteria plus additional criterion specified for habitat type):												
• Me with AND	eets the requirements for Good condition in criterion C;	Good (3)											
OR • Pa	sses 2 or 3 of 4 criteria; sses 4 of 4 criteria but does not meet the uirements for Good condition within criterion	Moderate (2)											
• P:	asses 0 or 1 of 4 criteria.	Poor (1)											
Res	ults for Bioswale or SuDS (requiring asses	sment of 5 criteria - core criteria plus addition	onal criter	ia specifie	d for habit	at type):							
• Me with AND • Pa	eets the requirements for Good condition in criterion C;	Good (3)											
OR • Pa	sses 3 or 4 of 5 criteria; sses 5 of 5 criteria but does not meet the irrements for Good condition within criterion	Moderate (2)											
• Pa	sses 2 or fewer of 5 criteria.	Poor (1)											
	gested enhancement interventions to im		<del>!</del>		ŧ	in .	•	•	•				
Imp	rove management regime to ensure habitats	s reach full potential, whilst remaining as ba	re ground	- a specia	lised habi	tat that of	fers good	ecologica	al niche d	opportuni	ties to inv	ertebrates	and flora.
Foc	tnotes												

14529A 56 24 July 2025



# Coastal and Floodplain Grazing Marsh

Westland - Perspession on peat substrates (H7150) Westland - Lowland raised bog Westland - Lowland raised bog Westland - Perspession on peat substrates (Westland - Cheen Culpin and Individually Westland - Lowland raised bog Westland - Purple moor grass and rush pastures Westland - Purple moor grass and rush pasture habitat inventory  For Oceanic valley mires - see EUNIS See the Statutory Biodiversity Metric User Guide for Floodplain westland mosaic (FWM) and coastal and floodplain grazing marsh (CFGM). For CFGM also see the below.  Coastal and floodplain grazing marsh UK RAP Priority Habitat description Priority Habitat Inventory (Fineland) - data acvus All other westland habitats - see UK Habitat Classification (UK-Hab): UKHab On-site or off-site, site name and location  On-site  Survey deterand Survey reference  Interesting to a survey reference  Interesting to t		ndition Sheet: WETLAND Habitat Type									
Area of Coastal Floodplain Grazing Marsh adjacent to the River Trent near Fiedborough. Area is highlighted on the Priority Habitat Inventory  For Oceanic valley mires - see EUNIS  See the Statutory Biodiversity Metric User Guide for Floodplain wetland mosaic (FWM) and coastal and floodplain grazing marsh (CFGM). For CFGM also see the below:  Coastal and floodplain grazing marsh LIK BAP Priority Habitat description Priority Habitat Inventory (England) - data, goz. uk  All other wetland habitats - see UK Habitat Classification (UKHab):  UKHab  On-site of off-site, site name and location  On-site off-site, site name and location  Survey date and Survey reference (if relating to a wider survey)  Habitat parcel reference  Condition Assessment Criteria  Core Criterian passed (very on No)  The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (tow turbidity) indicating no obvious signs of pollution.  Patches of bare ground due to footpath track and sheep grazing greater than 5%  For There is an absence of invasive non-native plant species <sup>2</sup> (as listed on Schedule 9 of WCA <sup>3</sup> ) and species indicative of suboptimal condition <sup>4</sup> make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  On No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)	Gra We We We We We										
For Oceanic valley mires - see EUNIS  See the Statutory Biodiversity Metric User Guide for Floodplain wetland mosaic (FWM) and coastal and floodplain grazing marsh (CFGM). For CFGM also see the below:  Coastal and floodplain grazing marsh UK BAP Priority Habitat description  Priority Habitat Inventory (England) - data gov us  All other wetland habitats - see UK Habitat Classification (UKHab):  UKHab  On-site or off-site, site name and location  Limitations (if applicable)  Grid reference  SK 81526 72470  Habitat parcel reference  (if relating to a wider survey)  Grid reference  Condition Assessment Criterin  Core Criteria - must be assessed for all wetland habitat types:  The water table is al. or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.  C The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Fight is an absence of invasive non-native plant species <sup>2</sup> (as listed on Schedule 9 of WCA <sup>2</sup> ) and species indicative of suboplinal condition <sup>3</sup> make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  No preventing regeneration.	SECTION SECTION										
See the Statutory Biodiversity Metric User Guide for Floodplain wetland mosaic (FWM) and coastal and floodplain grazing marsh (CFGM). For CFGM also see the below:  Coastal and floodplain grazing marsh UK BAP Priority Habitat description  Priority Habitat Inventory (England) - data gov. W.  All other wetland habitats - see UK Habitat Classification (UKHab):  UKHab  On-site on-site on off-site, site name and location  Core off-site, site name and location  Survey of atterion of survey of greenence (if relating to a wider survey)  Grid reference  Condition Assessment Criteria  Core Criteria - must be assessed for all wetland habitat types:  The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water law as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.   The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water grazing greater three sare less than 10%.  Cover of scrub and scattered trees are less than 10%.  E Cover of bare ground is less than 5%.  F There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA <sup>3</sup> ) and species indicative of suboptimal condition make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  Monomer than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  No  Patches of bare ground is less than 5%.  No  No  Patches of bare ground due to footpath track and sheep grazing greater than 5%.  No  No  No  No  No  No  No  No  No  N	Are	Area of Coastal Floodplain Grazing Marsh adjacent to the River Trent near Fledborough. Area is highlighted on the Priority Habitat Inventory									
See the below:  Coastal and floodplain grazing marsh UK BAP Priority Habitat description  Priority Habitat Inventory (England) - data.gov.uk All other wetland habitats - see UK Habitat Classification (UKHab):  UKHab  On-site or off-site, site name and location  City of reference  Limitations (if applicable)  Grid reference  Condition Assessment Criteria  Cortection Assessment Criteria  Varies due to the River Trent, which regularily floods.  No  Habitat is managed for silage (Improved grassland) and sheep grazing.  No  Habitat is managed for silage (Improved grassland) and sheep grazing.  No  Cortection Assessment Criteria  No  Cortection Assessment Criteria  No  Borders arable fields which are likely subject to pesticide use  Cover of scrub and scattered trees are less than 10%.  Fatches of bare ground due to footpath track and sheep grazing greater than 5%.  Fatches of bare ground due to footpath track and sheep grazing greater than 5%.  Yes  Cover of bare ground is less th	Fo	Oceanic valley mires - see EUNIS									
Profity Habitat Inventory (England) - data gov.uk All other wetand habitats - see UK Habitat Classification (UKHab): UKHab  On-site or off-site, site name and location  Circitations (if applicable)  Grid reference  Six 81526 72470  Habitat parcel reference  Condition Assessment Criteria  Core Criteria - must be assessed for all wetland habitat types:  The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  The parcel regressing as good example of its specific habitat type - the appearance and composition of silage (Improved grassland) and sheep grazing.  No  Habitat is managed for silage (Improved grassland) and sheep grazing.  No  Drain the vegetation closely matches its UKHab description, with vascular and non-vascular and non-vascular characteristic indicator species consistently present.  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Petches of bare ground due to footpath track and sheep grazing greater than 5%.  For there is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and by the part of the part	see	the below:		floodplain grazing ma	arsh (CFGM). For CFGM also						
All other wetland habitats - see UK Habitat Classification (UKHab): UKHab  On-site or off-site, site name and location  On-site  Survey date and Survey reference (if relating to a wide survey)  Grid reference  SK 81526 72470  Habitat parcel  condition Assessment Criteria  Coriteria - must be assessed for all wetland habitat types:  The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Cover of scrub and scattered trees are less than 10%.  For the is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA and species indicative of suboptimal condition and water up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No  No  Patches of bare ground due to footpath track and sheep grazing greater than 5%  No  No  No  No  Patches of bare ground due to footpath track and sheep grazing greater than 5%  No  No  No  No  No  No  No  No  No  N			at description								
On-site or off-site, site name and location  Circle survey on name Survey reference (if relating to a wide survey)  Grid reference  SK 81526 72470  Habitat parcel reference  Condition Assessment Criteria  Core Criteria - must be assessed for all wetland habitat types:  The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Core of scrub and scattered trees are less than 10%.  Cover of scrub and scattered trees are less than 10%.  Cover of bare ground is less than 5%.  Further is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No  No  No  Patches of bare ground due to footpath track and sheep grazing greater than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No  No  No  No  No  No  No  No  No  N			(Hab):								
Limitations (if applicable)   Six 81526 72470   Survey reference (if relating to a wider survey)	UK	<u>Hab</u>									
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Core Criteria - must be assessed for all wetland habitat types:  The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  Note - this criterion is essential for achieving Good condition.  Note - this criterion is essential for achieving Good condition.  Note - this criterion is essential for achieving Good condition.  Note - this criterion is essential for achieving Good condition.  Note - this criterion is essential for achieving Good condition.  No  Habitat is managed for silage (Improved grassland) and sheep grazing.  No  Habitat is managed for silage (Improved grassland) and sheep grazing.  No  Borders arable fields which are likely subject to pesticide use  Cover of scrub and scattered trees are less than 10%.  Cover of scrub and scattered trees are less than 10%.  Cover of bare ground is less than 5%.  Cover of bare ground is less than 5%.  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No  No  No  Patches of bare ground due to footpath track and sheep grazing greater than 5%  Yes  No  Moditional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No  No  No  No  No  No  No  No  No  N	Gri	d reference	SK 81526 72470								
The water table is at, or near the surface throughout the year - this could be open water or saturation of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.   The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Patches of bare ground due to footpath track and sheep grazing greater than 5%  Cover of bare ground is less than 5%.  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No word than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  No Waries due to the River Trent, which regularily floods.  No Habitat is managed for silage (Improved grassland) and sheep grazing.  No Borders arable fields which are likely subject to pesticide use  Yes  Patches of bare ground due to footpath track and sheep grazing greater than 5%  Yes  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)	Со	ndition Assessment Criteria									
A alteration of soil at the surface. There is no artificial drainage, unless specifically to maintain water levels as specified above.  Note - this criterion is essential for achieving Good condition.  By the parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.  Contact a supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Cover of scrub and scattered trees are less than 10%.  Cover of bare ground is less than 5%.  Cover of bare ground is less than 5%.  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)	Co		No. 2011 1.00	Th.	Dr. de de de de Diese						
The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.   No Borders arable fields which are likely subject to pesticide use  The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Yes  Cover of scrub and scattered trees are less than 10%.  Roo Patches of bare ground due to footpath track and sheep grazing greater than 5%  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)	Α	saturation of soil at the surface. There is no artificial drain		No	Trent, which regularily						
The parcel represents a good example of its specific habitat type - the appearance and composition of the vegetation closely matches its UKHab description, with vascular and non-vascular characteristic indicator species consistently present.   The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Per Cover of scrub and scattered trees are less than 10%.  Cover of bare ground is less than 5%.  There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA 3) and species indicative of suboptimal condition 4 make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)	_	Note - this criterion is essential for achieving Good c	ondition.	N							
The water supplies (groundwater, surface water and or rainwater) to the wetland are of good water quality, with clear water (low turbidity) indicating no obvious signs of pollution.  Yes  Cover of scrub and scattered trees are less than 10%.  No Patches of bare ground due to footpath track and sheep grazing greater than 5%.  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  N/A	В	of the vegetation closely matches its UKHab description,		No	silage (Improved grassland)						
Cover of scrub and scattered trees are less than 10%.  Rooter of bare ground is less than 5%.  Cover of bare ground is less than 5%.  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  Room or than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)	С			No	are likely subject to pesticide						
E Cover of bare ground is less than 5%.  There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and species indicative of suboptimal condition⁴ make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  G No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)											
There is an absence of invasive non-native plant species <sup>2</sup> (as listed on Schedule 9 of WCA <sup>3</sup> ) and species indicative of suboptimal condition <sup>4</sup> make up less than 5% of ground cover.  Additional Criterion - must be assessed for Fen and Purple moor grass and rush pasture habitats only:  No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)  N/A	to footpath track and sheep										
G No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation) preventing regeneration.	There is an absence of invasive non-native plant species² (as listed on Schedule 9 of WCA³) and										
G No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation) preventing regeneration.	Ad	ditional Criterion - must be assessed for Fen and Purple	moor grass and rush pasture habitats onl	<u> </u>							
Additional Criterion - must be assessed for <b>Bog</b> habitats only:	No more than 25% of the habitat area has a continuous cover of litter (such as dead vegetation)										
	Ad	ditional Criterion - must be assessed for <b>Bog</b> habitats only	<i>(</i> :								



н	Sphagnum moss <i>Sphagnum</i> spp. and cottongrasses <i>Er</i> of ericaceous dwarf shrubs <sup>6</sup> is less than 75%.	iophorum spp. are at least Frequent <sup>5</sup> . Cover	N/A	
Ad	ditional Criterion - must be assessed for Reedbed habita	ts only:		di e
1	The reedbed has a diverse structure with between 60% areas may include open water (at least 10%), species-ric		N/A	
Ad	*			
J	All ditches recorded within the habitat achieve Good con sheet.			
	Essentia	l criterion achieved (required for Good c		
		Numb	er of criteria passed	3
Со	ondition Assessment Result	Condition Assessment Score	Score Achieved ×/√	
88800	sults for habitats requiring assessment of 6 criteria ((D2.1)):	Depression on peat substrates (H7150) and	Oceanic valley mire	
•Pa	asses 5 or 6 core criteria, including criterion A.	Good (3)		
OF	asses 3 or 4 core criteria; R asses 5 core criteria but fails criterion A.	Moderate (2)		
•Pa	asses 2 or fewer core criteria.	Poor (1)		
	sults for habitats requiring assessment of 7 criteria - oe - all habitat types except Depression on peat substrate			
AN •Pa	asses 5 or 6 core criteria including criterion A; ID asses additional criterion G, H, I or J (choose the one ecified for the habitat type).	Good (3)		
OF •Pa crit	asses 4 or 5 of 7 criteria;  asses 6 of 7 criteria but fails criterion A or additional terion G, H, I or J (choose the one specified for the bitat type).	Moderate (2)		
•Pa	asses 3 or fewer criteria.	Poor (1)	3	
Su	ggested enhancement interventions to improve cond	lition score		
1				



#### Other Woodland; broadleaved - Poor condition

Condition Sheet: WOODLAND Habitat Type

Woodland and forest - Lowland beech and yew woodland

Woodland and forest - Lowland mixed deciduous woodland

Woodland and forest - Native pine woodlands Woodland and forest - Other coniferous woodland Woodland and forest - Other Scot's pine woodland

Woodland and forest - Other woodland; broadleaved Woodland and forest - Other woodland; mixed

Woodland and forest - Upland birchwoods

Woodland and forest - Upland mixed ashwoods Woodland and forest - Upland oakwood Woodland and forest - Wet woodland

On-site or off-site,

Small parcels of broadleaved plantation woodland within the arable landscape.

On-site

#### ukhab - UK Habitat Classification

This condition sheet is based on the England Woodland Biodiversity Group (EWBG) Woodland Condition Survey Method, available here: Woodland Wildlife Toolkit (sylva.org.uk)

Survey date and

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

SIT	e name and location		Surveyor name			
Lii	mitations (if applicable)		Survey reference (if relating to a wider survey)			
Gr	id reference		Habitat parcel reference			
Co	ondition Assessment Cri	teria	20			
Inc	dicator	Good (3 points)	Moderate (2 points)	Poor (1 point)	Score per indicator	Notes (such as justification)
A	Age distribution of trees	Three age-classes <sup>1</sup> present.	Two age-classes <sup>1</sup> present.	One age-class <sup>1</sup> present.	1	Plantations are of differing ages within the landscape however each has clear structure
В	Wild, domestic and feral herbivore damage	No significant browsing damage evident in woodland <sup>2</sup> .	Evidence of significant browsing pressure is present in less than 40% of whole woodland <sup>2</sup> .	Evidence of significant browsing pressure is present in 40% or more of whole woodland <sup>2</sup> .	1	Managed game area, high levels of disturbance due to pheasants
С	Invasive plant species	No invasive species <sup>3</sup> present in woodland.	Rhododendron Rhododendron ponticum or cherry laurel Prunus laurocerasus not present, and other invasive species <sup>3</sup> <10% cover.	Rhododendron or cherry laurel present, or other invasive species <sup>3</sup> ≥10% cover.	1	Laurel present
D	Number of native tree species	Five or more native tree or shrub species <sup>4</sup> found across woodland parcel.	Three to four native tree or shrub species <sup>4</sup> found across woodland parcel.	and the second of the second	3	On average, this criteria scores three, with ash, oak, rowan, hazel, cherry, elder, field maple, elm and hawthorn recorded.

parcel.

parcel.



Ε	Cover of native tree and shrub species	>80% of canopy trees and >80% of understory shrubs are native <sup>5</sup> .	50 - 80% of canopy trees and 50 - 80% of understory shrubs are native <sup>5</sup> .	<50% of canopy trees and <50% of understory shrubs are native <sup>5</sup> .	3			
F	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.	21 - 40% of woodland has areas of temporary open space <sup>6</sup> .	<10% or >40% of woodland has areas of temporary open space <sup>6</sup> . But if woodland <10ha has <10% temporary open space, please see Good category <sup>7</sup> .	1	Lacks open space		
G	Woodland regeneration	All three classes present in woodland <sup>8</sup> ; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.	One or two classes only present in woodland <sup>8</sup> .	No classes or coppice regrowth present in woodland <sup>8</sup> .	1	Plantation origin and lack of management since has resulted in no coppice or regrowth at present. Browsing pressure likely influences this criteria.		
н	Tree health	Tree mortality 10% or less, no pests or diseases and no crown dieback <sup>9</sup> .	11% to 25% tree mortality and or crown dieback or low-risk pest or disease present <sup>9</sup> .	Greater than 25% tree mortality and or any high-risk pest or disease present <sup>9</sup> .	2	Ash die back present		
ı	Vegetation and ground flora	Recognisable NVC plant community 10 at ground layer present, strongly characterised by ancient woodland flora specialists.	Recognisable woodland NVC plant community <sup>10</sup> at ground layer present.	No recognisable woodland NVC plant community <sup>10</sup> at ground layer present.	1	Generally tall grass (brome) with nettles/brambles.		
J	Woodland vertical structure	Three or more storeys across all survey plots, or a complex woodland <sup>11</sup> .	Two storeys across all survey plots <sup>11</sup> .	One or less storey across all survey plots <sup>11</sup> .	2	Tree and shrub layer		
ĸ	Veteran trees	Two or more veteran trees <sup>12</sup> per hectare.	One veteran tree <sup>12</sup> per hectare.	No veteran trees <sup>12</sup> present in woodland.	1			
L	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 <sup>13</sup> .	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 <sup>13</sup> .	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 <sup>13</sup> .	1			
м	Woodland disturbance	No nutrient enrichment or damaged ground evident <sup>14</sup> .	Less than 1 hectare in total of nutrient enrichment across woodland area, and or less than 20% of woodland area has damaged ground <sup>14</sup> .	1 hectare or more of nutrient enrichment, and or 20% or more of woodland area has damaged ground <sup>14</sup> .	1			
Co	ndition Assessment Res	sult	Total Scor	e (out of a possible 39)		Posult Achieved		
	tal score >32 (33 to 39)	suit	Condition Assessment Score Good (3)		Result Achieved Poor			
Tot	tal score 26 to 32		Moderate (2)					
	tal score <26 (13 to 25)		Poor (1)		<u> </u>			
		nterventions to improve con tructure of woodlands. Remov		ecuro				

14529A 60 24 July 2025



#### Lowland mixed deciduous woodland - Poor condition

#### Condition Sheet: WOODLAND Habitat Type

UK Habitat Classification (UKHab) Habitat T

Woodland and forest - Lowland beech and yew woodland

Woodland and forest - Lowland mixed deciduous woodland

Woodland and forest - Native pine woodlands

Woodland and forest - Other coniferous woodland

Woodland and forest - Other Scot's pine woodland Woodland and forest - Other woodland; broadleaved

Woodland and forest - Other woodland; mixed

Woodland and forest - Upland birchwoods Woodland and forest - Upland mixed ashwoods

Woodland and forest - Upland oakwood

Woodland and forest - Wet woodland

Remnant parcels of Lowland Mixed Deciduous woodland (LMDW) within the landscape, some of which are recognised on the Priority Habitat Inventory. Two parcels west of the Trent, include a narrow strip along a field boundary and a small copse that lies adjacent to an old through-route; both of these woodlands are shown on historic mapping of the Site being established prior to 1880. East of the Trent there are several parcels that join to make three distinct LMDW, the largest parcel is in the northeast of the Order Limits with a large amount of this woodland parcel ukhab – UK Habitat Classification

This condition sheet is based on the England Woodland Biodiversity Group (EWBG) Woodland Condition Survey Method, available here: Woodland Wildlife Toolkit (sylva.org.uk)

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

On-site or off-site, site name and location		On-Site	Survey date and Surveyor name	April 2023 -	August 2024		
Limitations (if applicable)			Survey reference (if relating to a wider survey)				
Grid reference			Habitat parcel reference	Lowland mixed deciduous woodland			
Co	ndition Assessment Cri	teria					
Inc	dicator	Good (3 points)	Moderate (2 points)	Poor (1 point)	Score per indicator	Notes (such as justification)	
A	Age distribution of trees	Three age-classes <sup>1</sup> present.	Two age-classes <sup>1</sup> present.	One age-class <sup>1</sup> present.	2	Mature trees and samplings	
В	Wild, domestic and feral herbivore damage	No significant browsing damage evident in woodland <sup>2</sup> .	Evidence of significant browsing pressure is present in less than 40% of whole woodland <sup>2</sup> .	Evidence of significant browsing pressure is present in 40% or more of whole woodland <sup>2</sup> .	1	Narrow strip with impacts from adjacent agricultual management	
С	Invasive plant species	No invasive species <sup>3</sup> present in woodland.	Rhododendron Rhododendron ponticum or cherry laurel Prunus laurocerasus not present, and other invasive species <sup>3</sup> <10% cover.	Rhododendron or cherry laurel present, or other invasive species <sup>3</sup> ≥10% cover.	3	None observed	
D	Number of native tree species	Five or more native tree or shrub species <sup>4</sup> found across woodland parcel.	Three to four native tree or shrub species <sup>4</sup> found across woodland parcel.	Two or less native tree or shrub species <sup>4</sup> across woodland parcel.	1	Oak and ash dominant	



E	Cover of native tree and shrub species	>80% of canopy trees and >80% of understory shrubs are native <sup>5</sup> .	50 - 80% of canopy trees and 50 - 80% of understory shrubs are native <sup>5</sup> .	<50% of canopy trees and <50% of understory shrubs are native <sup>5</sup> .	3		
F	Open space within woodland	10 - 20% of woodland has areas of temporary open space <sup>6</sup> . Unless woodland is <10ha, in which case 0 - 20% temporary open space is permitted <sup>7</sup> .	21 - 40% of woodland has areas of temporary open space <sup>6</sup> .	<10% or >40% of woodland has areas of temporary open space <sup>6</sup> . But if woodland <10ha has <10% temporary open space, please see Good category <sup>7</sup> .	1	None	
G	Woodland regeneration	All three classes present in woodland <sup>8</sup> ; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.	One or two classes only present in woodland <sup>8</sup> .	No classes or coppice regrowth present in woodland <sup>8</sup> .	1		
н	Tree health	Tree mortality 10% or less, no pests or diseases and no crown dieback <sup>9</sup> .	11% to 25% tree mortality and or crown dieback or low-risk pest or disease present <sup>9</sup> .	Greater than 25% tree mortality and or any high-risk pest or disease present <sup>9</sup> .	2	Ash die back present	
ı	Vegetation and ground flora	Recognisable NVC plant community <sup>10</sup> at ground layer present, strongly characterised by ancient woodland flora specialists.	Recognisable woodland NVC plant community <sup>10</sup> at ground layer present.	No recognisable woodland NVC plant community <sup>10</sup> at ground layer present.	1	Generally tall grass (brome) with nettles/brambles.	
J	Woodland vertical structure	Three or more storeys across all survey plots, or a complex woodland <sup>11</sup> .	Two storeys across all survey plots <sup>11</sup> .	One or less storey across all survey plots <sup>11</sup> .	2	Tree and shrub layer	
ĸ	Veteran trees	Two or more veteran trees 12 per hectare.	One veteran tree 12 per hectare.	No veteran trees 12 present in woodland.	1		
L	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 <sup>13</sup> .	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 <sup>13</sup> .	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 <sup>13</sup> .	1		
м	Woodland disturbance	No nutrient enrichment or damaged ground evident <sup>14</sup> .	less than 20% of woodland area has damaged ground <sup>14</sup> .	1 hectare or more of nutrient enrichment, and or 20% or more of woodland area has damaged ground <sup>14</sup> .	1		
			Total Score	e (out of a possible 39)			
	ndition Assessment Re	sult		Condition Assessment	Score	Result Achieved	
_	Total score >32 (33 to 39) Good (3) Poor						
_	Total score 26 to 32 Moderate (2)  Total score <26 (13 to 25) Poor (1)						
_	Suggested enhancement interventions to improve condition score						
Spinisterson.		and establish ground layer ak					

14529A 62 24 July 2025



#### Other woodland; mixed - Poor condition

Condition Sheet: WOODLAND Habitat Type

UK Habitat Classification (UKHab) Habitat Typ

Woodland and forest - Lowland beech and yew woodland

Woodland and forest - Lowland mixed deciduous woodland

Woodland and forest - Native pine woodlands

Woodland and forest - Other coniferous woodland

Woodland and forest - Other Scot's pine woodland Woodland and forest - Other woodland; broadleaved

Woodland and forest - Other woodland; mixed

Woodland and forest - Upland birchwoods

Woodland and forest - Upland mixed ashwoods

Woodland and forest - Upland oakwood

Woodland and forest - Wet woodland

Other woodland; mixed - Small parcels of woodland within the arable landscape derived from planting. Tends to be pine plantation, with species such as sycamore, oak and ash along margins. Sparse understorey that included wych elm, young sycamore and hawthorn.

#### ukhab - UK Habitat Classification

This condition sheet is based on the England Woodland Biodiversity Group (EWBG) Woodland Condition Survey Method, available here: Woodland Wildlife Toolkit (sylva.org.uk)

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

1130900	e name and location	On-site	Survey date and Surveyor name			
Limitations (if applicable)			Survey reference (if relating to a wider survey)			
Gr	id reference		Habitat parcel reference			
Со	ndition Assessment Cri	teria	*	*		
Inc	dicator	Good (3 points)	Moderate (2 points)	Poor (1 point)	Score per indicator	Notes (such as justification)
A	Age distribution of trees	Three age-classes <sup>1</sup> present.	Two age-classes <sup>1</sup> present.	One age-class <sup>1</sup> present.	1	Generally the same age class present throughout.
В	Wild, domestic and feral herbivore damage	No significant browsing damage evident in woodland <sup>2</sup> .	Evidence of significant browsing pressure is present in less than 40% of whole woodland <sup>2</sup> .	Evidence of significant browsing pressure is present in 40% or more of whole woodland <sup>2</sup> .	2	Some levels of browsing pressure.
С	Invasive plant species	No invasive species <sup>3</sup> present in woodland.	Rhododendron Rhododendron ponticum or cherry laurel Prunus laurocerasus not present, and other invasive species <sup>3</sup> <10% cover.	Rhododendron or cherry laurel present, or other invasive species <sup>3</sup> ≥10% cover.	1	Cherry laurel is present in many.
D	Number of native tree species	Five or more native tree or shrub species <sup>4</sup> found across woodland parcel.	Three to four native tree or shrub species <sup>4</sup> found across woodland parcel.	Two or less native tree or shrub species <sup>4</sup> across woodland parcel.	3	Pine plantation with sycamore, oak and ash and shrub layer of wych elm, sycamore and hawthorn.



	22		TO THE PARTY OF TH		-	
E	Cover of native tree and shrub species	>80% of canopy trees and >80% of understory shrubs are native <sup>5</sup> .	50 - 80% of canopy trees and 50 - 80% of understory shrubs are native <sup>5</sup> .	<50% of canopy trees and <50% of understory shrubs are native <sup>5</sup> .	3	
F	Open space within woodland	10 - 20% of woodland has areas of temporary open space <sup>6</sup> . Unless woodland is <10ha, in which case 0 - 20% temporary open space is permitted <sup>7</sup> .	21 - 40% of woodland has areas of temporary open space <sup>6</sup> .	<10% or >40% of woodland has areas of temporary open space <sup>6</sup> . But if woodland <10ha has <10% temporary open space, please see Good category <sup>7</sup> .	1	
G	Woodland regeneration	All three classes present in woodland <sup>8</sup> ; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.	One or two classes only present in woodland <sup>8</sup> .	No classes or coppice regrowth present in woodland <sup>8</sup> .	1	
н	Tree health	Tree mortality 10% or less, no pests or diseases and no crown dieback <sup>9</sup> .	11% to 25% tree mortality and or crown dieback or low-risk pest or disease present <sup>9</sup> .	Greater than 25% tree mortality and or any high-risk pest or disease present <sup>9</sup> .	1	
1	Vegetation and ground flora	Recognisable NVC plant community <sup>10</sup> at ground layer present, strongly characterised by ancient woodland flora specialists.	Recognisable woodland NVC plant community <sup>10</sup> at ground layer present.	No recognisable woodland NVC plant community <sup>10</sup> at ground layer present.	2	Ground flora typically dominated by Claytonia
J	Woodland vertical structure	Three or more storeys across all survey plots, or a complex woodland <sup>11</sup> .	Two storeys across all survey plots <sup>11</sup> .	One or less storey across all survey plots <sup>11</sup> .	2	Tree and and shrub layer
к	Veteran trees	Two or more veteran trees <sup>12</sup> per hectare.	One veteran tree 12 per hectare.	No veteran trees 12 present in woodland.	1	
L	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 <sup>13</sup> .	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 <sup>13</sup> .	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 <sup>13</sup> .	1	
м	Woodland disturbance	No nutrient enrichment or damaged ground evident 14.	Less than 1 hectare in total of nutrient enrichment across woodland area, and or less than 20% of woodland area has damaged ground 114.	1 hectare or more of nutrient enrichment, and or 20% or more of woodland area has damaged ground 14.	1	
			Total Score	e (out of a possible 39)	20	
Со	ndition Assessment Re	sult		Condition Assessmen		Result Achieved
	tal score >32 (33 to 39)	Good (3)		Poor		
	tal score 26 to 32	Moderate (2)				
-	tal score <26 (13 to 25)	Poor (1)				
Su	Suggested enhancement interventions to improve condition score					
_						



uggested enhancement interventions to improve condition score	
potnotes	

**Ditches - Poor condition** 



C	ondition Sheet: DITCH Hab	nitat Type			
	bitat Type	ntat Type			
	atercourses - Ditches				
Ha	bitat Description				
Se	e the Statutory Biodiversity	Metric User Guide.			
Dil	tches in poor condition withi	n the Order Limits.			
	n-site or off-site, site me and location	onsite	Survey date and Surveyor name	April 2023 - August 2024.	
Liı	mitations (if applicable)		Survey reference (if relating to a wider survey)		
Gr	id reference		Habitat parcel reference	119, 123, 122, 113, 120, 121, 124, 128, 106	
Co	ondition Assessment Crite	ria	Criterion passed (Yes or No)	Notes (such as justification)	
A	The ditch is of good water indicating no obvious signs	quality, with clear water (low turbidity) s of pollution,	No	On average failing this criteria due to run off from adjacent land /road. Including agricultural drainage.	
В	A range of emergent, submerged and floating-leaved plants are present As a guide >10 species of emergent, floating or submerged plants present in a 20 m ditch length.		No	On average failing this criteria due to tall ruderal vegetation or sedges / juncus presence.	
С	There is less than 10% cover of filamentous algae and or duckweed Lemna spp. (these are signs of eutrophication).		Yes	Mostly passing this criteria due to flow rate within ditches, however where slow flow / no flow is detectable due to vegetation (including adjacent to reed) build-up increases.	
D	A fringe of aquatic margina of the ditch.	al vegetation is present along more than 75%	No	Failing this criteria on average however some ditches have small areas of reed and marginal vegetation present.	
E	examples of damage inclu-	at along less than 5% of the ditch, with ding: excessive poaching, damage from or any other damaging management	Yes	50:50 with failure to pass due to rotational scraping to clear ditches. Some agricultural management adjacent to ditches has also resulted in physical damage.	
F		maintained - as a guide a minimum summer cm in minor ditches and 1 m in main drains.	Yes	Largely passes however some ditches c.30cm deep when surveyed.	
G	Less than 10% of the ditch	is heavily shaded.	Yes	Mainly passed this criteria however features adjacent to linear features such as hedgerows / treelines are overshaded (heavily) in parts.	
н	There is an absence of no	n-native plant and animal species 1.	Yes	Passed in all ditches.	
		Number of criteria passed	Average of 5		
	ondition Assessment esult (out of 8 criteria)	Condition Assessment Score	Score Achieved ×/√		
Pa	isses 8 criteria	Good (3)			
Pa	sses 6 or 7 criteria	Moderate (2)			
Pa	isses 5 or fewer criteria	Poor (1)	Yes		



Suggested enhancement interventions to improve condition score	
Footnotes	



	ondition Sheet: DITCH Hab	itat Type			
	ibitat Type				
	atercourses - Ditches				
	bitat Description				
	e the Statutory Biodiversity				
Dit	tches in moderate condition	within the Order Limits			
	n-site or off-site, site me and location		Survey date and Surveyor name		
Lir	mitations (if applicable)		Survey reference (if relating to a wider survey)		
Gr	id reference		Habitat parcel reference	128, 98, 100, 102, 103, 104, 107, 108, 109, 110, 111, 112, 116, 125, 126,114, 115	
Cc	ondition Assessment Crite	ria	Criterion passed (Yes or No)	Notes (such as justification)	
A	The ditch is of good water of indicating no obvious signs	quality, with clear water (low turbidity) of pollution.	Yes	On average this criteria is passed however some ditches do collect run-off from adjacent land (agricultural and road).	
В	A range of emergent, submerged and floating-leaved plants are present. As a guide >10 species of emergent, floating or submerged plants present in a 20 m ditch length.		Yes	On average this criteria is passed with common reed and other emergent plants present. Failures occur where willowherb clogs ditch.	
С	There is less than 10% cover of filamentous algae and or duckweed Lemna spp. (these are signs of eutrophication).		Yes	Water is mostly flowing so no potential for build up	
D	A fringe of aquatic margina of the ditch.	I vegetation is present along more than 75%	No	Failing on average due to a few scattered stands of marginal vegetation.	
E	examples of damage include	t along less than 5% of the ditch, with ding: excessive poaching, damage from or any other damaging management	Yes / No	50:50 split on ditches that have been recently scraped to de-silt.	
F		maintained - as a guide a minimum summer cm in minor ditches and 1 m in main drains.	Yes / No	Most contain a good level of water and pass this criteria however some are considered to have lower water levels and therefore fail.	
G	Less than 10% of the ditch	is heavily shaded.	Yes	A few hawthorn plants present but not sufficient to cause shading	
н	There is an absence of nor	n-native plant and animal species 1.	Yes		
		Number of criteria passed	6 or 7	Changeable between features	
	ondition Assessment esult (out of 8 criteria)	Condition Assessment Score	Score Achieved ×/√		
Pa	isses 8 criteria	Good (3)			
Pa	isses 6 or 7 criteria	Moderate (2)			
Pa	isses 5 or fewer criteria	Poor (1)	Yes		

**Ditches - Moderate condition** 



Suggested enhancement interventions to improve condition score	
Footnotes	



# **Ditches - Good condition**

	Condition Sheet: DITCH Habitat Type						
$\overline{}$	bitat Type						
_	atercourses - Ditches						
	bitat Description	Madeia Hann Onida					
	e the Statutory Biodiversity						
Di	ches in good condition withi	n the Order Limits					
0	n-site or off-site, site	On-site	Survey date and Surveyor	April 2023 - August 2024.			
	me and location		name				
_			namo				
	mitations (if applicable)		Survey reference (if				
-"	ilitations (ii applicable)		relating to a wider survey)				
Г				97, 99,			
Gr	id reference		Habitat parcel reference				
C	ondition Assessment Crite	ria	Criterion passed (Yes or	Notes (such as justification)			
			No)				
	220 BOOK S DOS DOS A	1800 WILL VIEW 64 AND 1000 SERVICE W	Yes	Invertebrates observed within water			
A		quality, with clear water (low turbidity)					
	indicating no obvious signs	or pollution.					
H			Yes	Common reed			
	A range of emergent subm	nerged and floating-leaved plants are present.	res	Common reed			
В		emergent, floating or submerged plants					
	present in a 20 m ditch leng						
		•					
Г			Yes	None present			
	There is less than 10% cov	er of filamentous algae and or duckweed					
С	Lemna spp. (these are sign						
H			Yes	Common reed			
			103	- Common recu			
D	A fringe of aquatic margina of the ditch.	I vegetation is present along more than 75%					
22.2	of the ditch.						
L							
	Physical damage is evident	t along less than 5% of the ditch, with	Yes	No recent damage evident			
E		ding: excessive poaching, damage from					
		or any other damaging management					
L	activities.						
		2 17 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Yes	>50cm			
F		maintained - as a guide a minimum summer					
- cont	depth of approximately 50 of	cm in minor ditches and 1 m in main drains.					
Н			Yes	No shading			
G	Less than 10% of the ditch	is heavily shaded.	100	- Condaing			
Г			Yes				
Н	There is an absence of non	n-native plant and animal species 1.					
		and the second s					
		Number of criteria passed	8				
Co	ondition Assessment	Candidian Assessment Seem	Seera Ashioundu/				
Result (out of 8 criteria) Condition Assessment Score		Score Achieved ×/√					
			Yes				
Pa	sses 8 criteria	Good (3)					
		a. 6.	2				
Pa	sses 6 or 7 criteria	Moderate (2)					
$\vdash$							
p-	sses 5 or fewer criteria	Poor (1)					
, ,	occo o or lewer oritoria	1 001(1)					



Suggested enhancement interventions to improve condition score
Improve management adjacent to ditches to better wildlife corridor.
Footnotes



# **Hedgerows - Poor condition**

	Condition sheet: HEDGEROW Habitat Types						
	at Type						
	e hedgerow	ciated with bank or ditch					
	e hedgerow with tr						
Nativ	e hedgerow with tr	ees - associated with bank or ditch					
	ies-rich native hed ies-rich native hed	gerow gerow - associated with bank or ditch					
Spec	ies-rich native hed	gerow with trees					
		gerow with trees - associated with bank o	or ditch				
	at Description erows in poor condit	ion within the Order Limits					
ukhal	o – UK Habitat Class	ification					
00.0	ite or off-site, site	On-site			April 2023 - Augus	st 2024.	
	and location		Survey date and Surveyor name				
	ations (if cable)			Survey reference (if relating to a wider survey)			
Grid	reference			Habitat parcel reference			
	lition Assessment			20	7/		
		representing key physical characteristics are assessed according to the number of attrib				. – E) and the	
1.00000000							
This a		I on the Hedgerow Survey Handbook 1 and F	avourable Conservation	Status document <sup>2</sup> . For further clarification p	lease refer to the H	ledgerow Survey	
	practice would be to eatures of the hedge	record the species, age, spacing and other row.	key information about all	trees present along a hedgerow within the 'I	Habitat Description	box, as well as other	
	erow favourable co	ondition attributes					
funct	outes and ional groupings , C, D and E)	Criteria - the minimum requirements for 'favourable condition'	Criteria description		Criterion passed (Yes or No)	Notes (such as	
		e to all hedgerow types	<u></u>		(100 01 110)	,,	
A1.	Height	>1.5 m average along length	to the top of the shoots, hedgerow, any gaps or i Newly laid or coppiced h management and pass t	edgerows are indicative of good his criterion for up to a maximum of four	No	on average failing this criteria due to management (flailing) to shape into boxed hedges. Few pass this criteria.	
			years (if undertaken acc A newly planted hedgerd >1.5 m height).	ording to good practice).		H23, H29, H32, H54, H88, H89, H90, H92, (A – E) and the   de Hedgerow Survey on' box, as well as other   and Notos (such as justification) on average failing this criteria due to management (flailing to shape into boxed hedges. Few pass this criteria due to management, flailing and siding of hedges to reduce width adjacent to productive land.  Majority failing due to intensive management resulting and siding the dege to reduce width adjacent to productive land.  Majority failing due to intensive management resulting apps at base of hedge.  Majority fail this	
			of the canopy, excluding	oody growth estimated at the widest point gaps and isolated trees.  ckthorn <i>Prunus spinosa</i> suckers) are only	No	management, flailing and siding of hedges to reduce width	
A2.	Width	>1.5 m average along length	included in the width estimate when they are >0.5 m in height.  Laid, coppiced, cut and newly planted hedgerows are indicative of			adjacent to productive land.	
			good management and	pass this criterion for up to a maximum of according to good practice).			
B1.	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length	hedgerow, and its distangrowth.	iness' of the woody component of the ce from the ground to the lowest leafy	No	intensive management resulting in gaps at base of	
			the Hedgerow Survey H	s criterion are acceptable (see page 65 of andbook).			
B2.	Gap - hedge canopy continuity	Gaps make up <10% of total length; and No canopy gaps >5 m	hedgerow. Gaps are cor matter how small).	ppiness' of the woody component of the nplete breaks in the woody canopy (no	No	criteria due to gaps in hedgerow canopy resultant from intensive management	
			are not subject to the >5	m criterion (as this is the typical size of a		prucaces	

14529A 72 24 July 2025



C1.	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: Measured from outer edge of hedgerow; and Is present on one side of the hedgerow (at least).	This is the level of disturbance (excluding wildlife disturbance) at the base of the hedgerow.  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.  This criterion recognises the value of the hedgerow base as a boundary habitat with the capacity to support a wide range of species. Cultivation, heavily trodden footpaths, poached ground etc. can limit available habitat niches.	No	The majority are adjacent to field margins or roadside verges that are frequently cut and so fail this criteria.
C2.	Nutrient-enriched perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground.	The indicator species used are nettles <i>Urtica</i> spp., cleavers <i>Galium aparine</i> and docks <i>Rumex</i> spp. Their presence, either singly or together, does not exceed the 20% cover threshold.	No	Nutrient enrichment evident across the category (hedgerows in poor condition) wit common nettle and hemlock frequent.
D1.	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently introduced species.	Recently introduced species refer to plants that have naturalised in the UK since AD 1500 (neophytes). Archaeophytes count as natives. For information on archaeophytes and neophytes see the JNCC website <sup>1</sup> , as well as the BSBI website <sup>5</sup> where the 'Online Altas of the British and Irish Flora <sup>5</sup> contains an up-to-date list of the status of species. For information on invasive non-native species see the GB Non-Native Secretariat website <sup>7</sup> .	Yes	None present
D2.	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities.	This criterion addresses damaging activities that may have led to or lead to deterioration in other attributes.  This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (for example, excessive hedgerow cutting).	No	Intensive management practices
Addit	ional group - appli	cable to hedgerows with trees only			
E1.	Tree class	There is more than one age-class (or morphology) of tree present (for example: young, mature, veteran and or ancient*), and there is on average at least one mature, ancient or veteran tree present per 20 - 50m of hedgerow.	This criterion addresses if there are a range of age-classes or morphologies which allow for replacement of trees and provide opportunities for different species.		
E2.	Tree health	At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	This criterion identifies if the trees are subject to damage which compromises the survival and health of the individual specimens.		
		assessment generates a weighting (score) ra	nging from 1 - 3, which is used within the Statutory Biodiversity Metr	ric. The scores for e	ach are set out in the
_	below.	r hadgarawe without trace			
Categ		r hedgerows without trees  Category Requirements	Metric Score		
Good		No more than 2 failures in total; AND No more than 1 failure in any functional group.	3		
Mode	rate	No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).	2		
Poor		Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	1		
		Score achieved:	1		
		r hedgerows with trees	M-tal		
Cate Good	gory	No more than 2 failures in total; AND No more than 1 failure in any functional	Metric score		
Mode	rate	group.  No more than 5 failures in total;  AND  Does not fail both attributes, in more than one functional group (for example, fails attributes At A2, B1, C2 and E1 = Moderate condition).	2		
Poor		Falls a total of more than 5 attributes; OR <u>Falls both attributes</u> in more than one functional group (for example, falls attributes A1, A2, B1 and B2 = Poor condition).	1		
0	acted aphancamer	Score achieved: nt interventions to improve condition score	N. C.		



Improvements to management and removal of damaging practices i.e. disturbance to hedge bottoms.



# **Hedgerows - Moderate condition**

Cond	ition sheet: HEDGI	EROW Habitat Types				
	at Type					
	e hedgerow					
		ciated with bank or ditch				
	e hedgerow with tr e hedgerow with tr	ees ees - associated with bank or ditch				
Spec	ies-rich native hed	gerow				
		gerow - associated with bank or ditch				
	ies-rich native hed ies-rich native hed	gerow with trees gerow with trees - associated with bank o	or ditch			
0.00000	at Description		20000000			
Hedg	erows in moderate of	ondition within the Order Limits.				
ukhal	– UK Habitat Class			8		
On-s	te or off-site, site	On-site			April 2023 - Augus	t 2024.
name	and location			Survey date and Surveyor name		_
				8		
	ations (if cable)			Survey reference (if relating to a wider survey)		
				,		
					H31 H75 H76 H	7, H78, H209, H213,
	reference			Habitat parcel reference	H228, H231, H236	, H247, H248, H249,
	lition Assessment I					
		representing key physical characteristics are assessed according to the number of attrib				<ul><li>– E) and the</li></ul>
Condi	tion of a nedgerow is	s assessed according to the number of attrib	utes from these functional	groups which pass or fall the Tavourable of	ondition criteria.	
		on the Hedgerow Survey Handbook 1 and F	avourable Conservation S	Status document <sup>2</sup> . For further clarification p	lease refer to the H	edgerow Survey
Hand	book.					
		record the species, age, spacing and other l	key information about all to	rees present along a hedgerow within the 'I	Habitat Description'	box, as well as other
key fe	eatures of the hedge	row.				
Hedg	erow favourable co	ondition attributes				
	outes and	Criteria - the minimum requirements for				
	ional groupings , C, D and E)	'favourable condition'	Criteria description		Criterion passed (Yes or No)	Notes (such as justification)
		e to all hedgerow types			(103 01 110)	justinoution
			The average height of we	oody growth estimated from base of stem	Yes	On average passing
			to the top of the shoots, of	excluding any bank beneath the		this criteria, though some failures present
			hedgerow, any gaps or is	solated trees.		within the grouping.
	H-1-1-1		Newly laid or coppiced he	edgerows are indicative of good		
A1.	Height	>1.5 m average along length	management and pass th	his criterion for up to a maximum of four		
			years (if undertaken acco	ording to good practice).		
				ow does not pass this criterion (unless it is		
			>1.5 m height).			
					Yes	On average passing
			The average width of wo of the canopy, excluding	ody growth estimated at the widest point		this criteria, though some failures present
			or the carropy, excluding	gaps and isolated trees.		within the grouping,
	Width			ckthorn Prunus spinosa suckers) are only		including failures to both A1 and A2
A2.	Width	>1.5 m average along length	included in the width esti	mate when they are >0.5 m in height.		thereby unable to
				newly planted hedgerows are indicative of		reach 'good'
			good management and p	pass this criterion for up to a maximum of according to good practice).		condition.
			Jour Jours (il undertaken	accounting to good practice).		
					Yes	Most pass this criteria
				iness' of the woody component of the ce from the ground to the lowest leafy		though damaging management leads
B1.	Gap - hedge base	Gap between ground and base of canopy	growth.	and ground to the territory		some to fail.
D 1.	Sap - nedge base	<0.5 m for >90% of length	Cortain avantions to this	e criterian are accontable (see need 05 of		
			the Hedgerow Survey Ha	s criterion are acceptable (see page 65 of andbook).		
				A 50 000 000 Mar 19 00 20 V		
					Yes	Most pass this criteria though damaging
1				ppiness' of the woody component of the		management leads
1						some to fail.
		and the second state of the second se	matter how small).	nplete breaks in the woody canopy (no		Some to rail.
B2.	Gap - hedge	Gaps make up <10% of total length; and	matter how small).			Some to rail.
B2.	Gap - hedge canopy continuity	Gaps make up <10% of total length; and No canopy gaps >5 m	matter how small).  Access points and gates	contribute to the overall 'gappiness' but m criterion (as this is the typical size of a		Some to fail.

14529A 75 24 July 2025



Additional group applicable to hedgerow or undisturbed ground is free of make to measure and or results and receiving tendence of the hedgerow or undisturbed ground is free of make more alter path and receiving tendence or the ordinary and the process of the hedgerow or undisturbed ground is free of make more alter path and the process of the hedgerow or undisturbed ground is free of make more alter path and the pat			>1 m width of undisturbed ground with perennial herbaceous vegetation for >90%	the base of the hedgerow			Around a 50:50 split on this criteria, some features have wider
Care least)	C1.	ground and perennial	of length:  · Measured from outer edge of hedgerow; and	length, greater than 1 m i least one side of the hedge	n width and must be present along at gerow.	Yes	
Nutran-anchiend Plant spocies indicative of munitar or certification of spoils continued and continued continued of the area of undisturbed ground.  The indicators spoils used an entities office spo, deceived continued of the area of undisturbed ground. For more spoils of the hedgenow and undisturbed ground in feed of masks entitle production of spoils of the hedgenow and undisturbed ground in feed of masks entitle production of spoils of the hedgenow and undisturbed ground in feed of masks entitle production of spoils of the hedgenow or undisturbed ground in feed of the 20% of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground in feed of spoils of the hedgenow or undisturbed ground groun				boundary habitat with the species. Cultivation, heav	capacity to support a wide range of vily trodden footpaths, poached ground		Taken as a pass
Pools of the hedgerow and undisturbed grounds in free of invasive non-salve plant from the Name Antheraphytes seed the grounds in free of invasive non-salve plant grounds in free of damped grounds in free of damped cases by unuran activities.  2. Current damage  2. Current damage  2. Current damage  2. Current damage  2. There is more than activities and plant grounds in free of damage cases by unuran activities.  3. Activities of the hedgerow with trees only thuran activities.  3. Activities of the damage cases of comprision of the ground in free of damage cases of comprision of the ground in the ground in the ground gro	C2.	perennial	enrichment of soils dominate <20% cover	Galium aparine and dock	ks Rumex spp. Their presence, either		
or lead to deterioration in other attributes.    Current damage   Post of the hedgerow or undisturbed provided is five of damage caused by the provided is five of damage caused by the provided provided is five of damage caused by the provided provided is five of damage caused by the provided provide	D1.		ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently	in the UK since AD 1500 natives. For information of JNCC website <sup>4</sup> , as well a Atlas of the British and Iri the status of species. For	(neophytes). Archaeophytes count as on archaeophytes and neophytes see the is the BSBI website <sup>5</sup> where the 'Online sh Flora' <sup>6</sup> contains an up-to-date list of information on invasive non-native	Yes	None present
Additional group = applicable to hedgerow with trees only There is more than con age-class for morphology of tree present (for example, source, state, when and on age-class for morphology) of tree present (for example, and there is on average at least one mature, ancient or veterant tree present part 20 - 50m of hedgerow. When and on account or veterant tree present part 20 - 50m of hedgerow trees are in a healthy condition (exclusing veterant for example, source, mature, and before or veterant tree present part 20 - 50m of hedgerow.  22. Tree health  23. I least 85% of hedgerow trees are in a healthy condition (exclusing veterant seatures valuable for videfile). There is list for on evidence of an adverse impact on tree health by drange from fewsteck or wild animals, pests or diseases, or human activity.  24. The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in the statistic of the present of the set of the statistic or account o						No	management
This criterion addresses if there are a range of age-classes or morphologies which allow for replacement of resumpting of the operand for example, another is on a waregaet alleas or an everage at least one mature, ancient or veteran tree present per 20 - 50m of hedgerow.  At least 95% of hedgerow trees are in a healthy condition (excluding veteran features valuable for whitel). The health of the individual specimens activity without fees allely or no evidence of an individual specimens. Wild animals, pests or diseases, or human activity.  The hedgerow condition assessment generates a weighting (acore) ramping from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (acore) ramping from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (acore) ramping from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (acore) ramping from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (acore) ramping from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  This criterion identifies if the trees are subject to damage which of the individual specimens.  Metric Score  No more than 1 failures in total;  AND  No more than 1 failures in total;  AND  No more than 2 failures in total;  AND  No more than 2 failures in total;  AND  No more than 5 failures in total;  AND  No more than 5 failures in total;  AND  No more than 5 failures in total;  AND  Poss not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Fails both attributes A1, A	D2.	Current damage		or inappropriate manager		0	
Tree class   morphology) of tree present (for example; young, mature, external not a readient), and there is on average at least one mature, ancient or veteran tree present per 20 - 56m of hedgerow. All teast 95% for hedgerow trees are in a healthy condition (excluding veteran features valuable for wildler). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tablets below.  The hedgerow condition assessment generates a weighting fr	Addi	tional group - appli		l fel		No.	1
healthy condition (excluding veteran features valuable for wildlich). There is little or no evidence of an adverse impact on tree health by damage from livestock wild animals, pests or diseases, or human activity.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in tables below.  Metric Score  No more than 2 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attribute A1, A2, B1 and B2 = Poor condition).  Score achieved:  Poor table of the fedgerows with trees  Score achieved:  AND  No more than 1 failure in any functional group.  No more than 1 failure in any functional group.  No more than 1 failure in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  No more than 1 failure in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Called the functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Called the functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Poor table of the find the fail developed the fail the functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	E1.	Tree class	morphology) of tree present (for example: young, mature, veteran and or ancient 8), and there is on average at least one mature, ancient or veteran tree present per	morphologies which allow	v for replacement of trees and provide		
ables below.  Category Category Requirements Metric Score  No more than 2 failures in total; AND No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and 62 = Moderate condition).  Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and 62 = Poor condition).  Score achieved:  Category Category Requirements No more than 1 failure in notal; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND No more than 5 failures in total; AND Does not fail both attributes in more than one functional group.  No more than 5 failures in total; AND No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes) in more than one functional group (for example, fails attributes) in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).	E2.	Tree health	healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human				
Category Category Requirements Metric Score  No more than 2 failures in total; AND  No more than 4 failures in total; AND  Does not fail both attributes in more than ore functional group.  Poor  Fails a total of more than 4 attributes; or more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Score achieved:  Poor  And  No more than 5 failures in total; AND  No more than 6 failures in more than one functional group.  Score achieved:  Poor  And  No more than 5 failures in total; AND  No more than 1 failure in any functional group.  No more than 5 failures in total; AND  Does not fail both attributes; in more than one functional group.  No more than 1 failure in more than one functional group.  Poor  And  No more than 5 failures in total; AND  Does not fail both attributes; in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor  Fails a total of more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  1 the score of the failure in total; AND  Poes not fail both attributes; in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).			assessment generates a weighting (score) ra	nging from 1 - 3, which is	used within the Statutory Biodiversity Metr	ic. The scores for e	each are set out in the
No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 4 failures in total; AND Does not fail both attributes, in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes; or R Fails both attributes; in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  2 condition categories for hedgerows with trees Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 1 failures in total; AND No more than 1 failures in more than one functional group.  No more than 1 failures in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Fails a total of more than 5 attributes; or R Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C3 and E2 = Poor condition).  Poor	_		r hedgerows without trees	~			
AND No more than 1 failure in any functional group.  No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved;  Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 1 failure in any functional group.  No more than 1 failures in total; AND Does not fail both attributes; in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Poor  Fails a total of more than 0 attributes; or more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Tails a total of more than 0 attributes; or Rails attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Cate	gory		Metric Score			
No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, falls attributes A1, A2, B1 and C2 = Moderate condition).  Poor Fails total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved: 2 Condition categories for liesgerows with trees Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Fails total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, A2, B1 and B2 = Poor condition).	Good		AND No more than 1 failure in any functional	3			
one functional group (for example, falls attributes A1, A2, B1 and C2 = Moderate condition).  Falls a total of more than 4 attributes; OR Falls both attributes in more than one functional group (for example, falls attributes A1, A2, B1 and B2 = Poor condition).  Score achieved: 2  Condition categories for hedgerows with trees.  Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, falls attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Falls both attributes in more than one functional group (for example, falls attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Falls both attributes in more than one functional group (for example, falls attributes A1, A2, B1, B1 and B2 = Poor condition).							
OR Fails both attributes in more than one functional group (for example, fails attributes of A), A2, B1 and B2 = Poor condition).  Score achieved: 2  Condition categories for hedgerows with trees  Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 6 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, A2, B1 and B2 = Poor condition).	Mode	erate	one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate	2			
Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved: 2  Condition categories for hedgerows with trees  Category Category Requirements Metric score  No more than 2 failures in total; AND  No more than 1 failure in any functional group.  No more than 5 failures in total; AND  Moderate Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).							
Condition categories for hedgerows with trees  Category Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 5 failures in total;  AND  Moderate  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes;  OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Poor		Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor	1			
Category Category Requirements Metric score  No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, falis attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Falis both attributes in more than one functional group (for example, falis attributes A1, A2, B1 and B2 = Poor condition).				2			
No more than 2 failures in total;  AND No more than 1 failure in any functional group.  No more than 5 failures in total;  AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 =  Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).				Metric score			
No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  1 the statement of the state of the statement	-		No more than 2 failures in total; AND				
one functional group (for example, falls attributes A1, A2, B1, C2 and E1 = Moderate condition).  Falls a total of more than 5 attributes; OR Falls both attributes in more than one functional group (for example, falls attributes A1, A2, B1 and B2 = Poor condition).	Good						
OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).			group.  No more than 5 failures in total;  AND				
Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).			group.  No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes At A2, B1, C2 and E1 = Moderate condition).	2			
			group.  No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes;	2			
October delinered.			group.  No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor				



1	Remove damaging management practices.
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# **Hedgerows - Good condition**

		EROW Habitat Types				
	at Type					
	e hedgerow	slated with house or ditals				
	e nedgerow - asso e hedgerow with tr	ciated with bank or ditch ees				
		ees - associated with bank or ditch				
	les-rich native hed	gerow gerow - associated with bank or ditch				
	ies-rich native hed					
		gerow with trees - associated with bank o	r ditch			
	at Description	tion within the Order Limits				
Heag	erows in good condi	tion within the Order Limits				
uldeak	LIK Habitat Class	Gastian				
uknat	- UK Habitat Class	On-site			April 2023 - Augus	+ 2024
	te or off-site, site			Survey date and Surveyor name		
name	and location			•	8	
Limit	ations (if			Survey reference (if relating to a wider		
applie	cable)			survey)		
Grid .	reference			Habitat parcel reference	H5, H17, H163,	
				Trabitat parcer reference		
	ition Assessment I	Details representing key physical characteristics are	used for this assessmen	t Each attribute is assigned to one of five f	unctional aroune (A	– E) and the
condit	tion of a hedgerow is	s assessed according to the number of attrib	utes from these functiona	I groups which pass or fail the 'favourable of	condition' criteria.	- L) and the
Handl		on the Hedgerow Survey Handbook 1 and F	avourable Conservation	Status document*. For further clarification p	lease refer to the H	edgerow Survey
						water transfer and a very a
	practice would be to eatures of the hedge	record the species, age, spacing and other row.	key information about all t	trees present along a hedgerow within the 'l	Habitat Description'	box, as well as other
		3100				
	erow favourable co	i —	Ť		ř	<u>.                                    </u>
	ional groupings	Criteria - the minimum requirements for	Criteria description		Criterion passed	Notes (such as
	, C, D and E)	'favourable condition'			(Yes or No)	justification)
Core	groups - applicable	e to all hedgerow types	1		Yes	
				oody growth estimated from base of stem	res	
			hedgerow, any gaps or is	excluding any bank beneath the solated trees.		
A1.	Height	>1.5 m average along length		edgerows are indicative of good his criterion for up to a maximum of four		
			years (if undertaken acc			
			years (if undertaken acc	ording to good practice).		
-			years (if undertaken acc			
			years (if undertaken according A newly planted hedgerd	ording to good practice).	Yes	
			years (if undertaken acc A newly planted hedgerd >1.5 m height).	ording to good practice).  ow does not pass this criterion (unless it is	Yes	
			years (if undertaken acc A newly planted hedgerd >1.5 m height).	ording to good practice).	Yes	
			years (if undertaken acc A newly planted hedgerd >1.5 m height).  The average width of wo of the canopy, excluding	ording to good practice).  ow does not pass this criterion (unless it is	Yes	
A2.	Width	>1.5 m average along length	years (if undertaken acc A newly planted hedgerd >1.5 m height). The average width of wo of the canopy, excluding Outgrowths (such as bla	ording to good practice).  ow does not pass this criterion (unless it is  ody growth estimated at the widest point gaps and isolated trees.	Yes	
A2.	Width	>1.5 m average along length	years (if undertaken acc A newly planted hedgerc >1.5 m height). The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width esti	ording to good practice).  ow does not pass this criterion (unless it is  oody growth estimated at the widest point gaps and isolated trees.  ckthorn <i>Prunus spinosa</i> suckers) are only imate when they are >0.5 m in height.	Yes	
A2.	Width	>1.5 m average along length	years (if undertaken acc A newly planted hedgerc >1.5 m height). The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppieed, cut and I good management and j	ording to good practice).  ow does not pass this criterion (unless it is  ody growth estimated at the widest point gaps and isolated trees.  ckthorn Prunus spinosa suckers) are only imate when they are >0.5 m in height.  newly planted hedgerows are indicative of pass this criterion for up to a maximum of	Yes	
A2.	Width	>1.5 m average along length	years (if undertaken acc A newly planted hedgerc >1.5 m height). The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppieed, cut and I good management and j	ording to good practice).  w does not pass this criterion (unless it is  cody growth estimated at the widest point gaps and isolated trees.  kthorn Pruntus prinosa suckers) are only imate when they are >0.5 m in height.	Yes	
A2.	Width	>1.5 m average along length	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppied, cut and good management and if four years (if undertaken	ording to good practice).  ow does not pass this criterion (unless it is  ody growth estimated at the widest point gaps and isolated trees.  ckthorn <i>Prunus spinosa</i> suckers) are only imate when they are 9.5 m in height.  other indicative of pass this criterion for up to a maximum of according to good practice).	Yes	Gaps in base due to
A2.	Width	>1.5 m average along length	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppiced, cut and i good management and j four years (if undertaken	ording to good practice).  w does not pass this criterion (unless it is sound y growth estimated at the widest point gaps and isolated trees.  ckthorn *Prune* spinosa* suckers) are only imate when they are ~0.5 m in height.  newly planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).		reduced topping of
			years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppiced, cut and i good management and j four years (if undertaken	ording to good practice).  ow does not pass this criterion (unless it is  ody growth estimated at the widest point gaps and isolated trees.  ckthorn <i>Prunus spinosa</i> suckers) are only imate when they are 9.5 m in height.  other indicative of pass this criterion for up to a maximum of according to good practice).		
A2.	Width  Gap - hedge base	>1.5 m average along length  Gap between ground and base of canopy <0.5 m for >90% of length	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppied, cut and r good management and if four years (if undertaken This is the vertical 'gapp hedgerow, and its distan growth.	ording to good practice).  ow does not pass this criterion (unless it is book does not pass this criterion (unless it is considered at the widest point gaps and isolated trees.   ckthorn Prunus spinosa suckers) are only imate when they are >0.5 m in height,  heavily planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).  iness' of the woody component of the ce from the ground to the lowest leafy		reduced topping of
		Gap between ground and base of canopy	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppiced, cut and i good management and four years (if undertaken This is the vertical 'gapp hedgerow, and its distan growth.  Certain exceptions to thi	ording to good practice).  w does not pass this criterion (unless it is seed to see the seed trees.  cothorn Prunus spinosa suckers) are only imate when they are >0.5 m in height.  newly planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).  iness' of the woody component of the ce from the ground to the lowest leafy scriterion are acceptable (see page 65 of		reduced topping of
		Gap between ground and base of canopy	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppied, cut and r good management and if four years (if undertaken This is the vertical 'gapp hedgerow, and its distan growth.	ording to good practice).  w does not pass this criterion (unless it is seed to see the seed trees.  cothorn Prunus spinosa suckers) are only imate when they are >0.5 m in height.  newly planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).  iness' of the woody component of the ce from the ground to the lowest leafy scriterion are acceptable (see page 65 of	No	reduced topping of hedge
		Gap between ground and base of canopy	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppiced, cut and i good management and four years (if undertaken This is the vertical 'gapp hedgerow, and its distan growth.  Certain exceptions to thi	ording to good practice).  w does not pass this criterion (unless it is seed to see the seed trees.  cothorn Prunus spinosa suckers) are only imate when they are >0.5 m in height.  newly planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).  iness' of the woody component of the ce from the ground to the lowest leafy scriterion are acceptable (see page 65 of		reduced topping of
		Gap between ground and base of canopy	years (if undertaken acc A newly planted hedgere >1.5 m height).  The average width of wc of the canopy, excluding outgrowths (such as blaincluded in the width est Laid, coppiced, cut and i good management and i four years (if undertaken This is the vertical 'gapp hedgerow, and its distangrowth.  Certain exceptions to thi the Hedgerow Survey H.  This is the horizontal 'ga	ording to good practice).  ow does not pass this criterion (unless it is supported by the second pass of the words point gaps and isolated trees.  Whether Prunas prinosa suckers) are only imate when they are >0.5 m in height.  In the words of the words component of the princess of the woody component of the princess of the woody component of the words of the woody component of the princess of the woody component of the words of the woody component of the woody component of the woody component of the words of t	No	reduced topping of hedge
	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding Outgrowths (such as bla included in the width est Laid, coppiced, cut and i good management and jefour years (if undertaken This is the vertical 'gapp hedgerow, and its distan growth.  Certain exceptions to this the Hedgerow Survey History His	ording to good practice).  we does not pass this criterion (unless it is body growth estimated at the widest point gaps and isolated trees.  cokhorn <i>Prunius spinosa</i> suckers) are only imate when they are >0.5 m in height.  newly planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).  iness' of the woody component of the ce from the ground to the lowest leafy striterion are acceptable (see page 65 of andbook).	No	reduced topping of hedge
	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length  Gaps make up <10% of total length; and	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wo of the canopy, excluding of the canopy, excluding oldgrowths (such as bla included in the width est Laid, coppiced, cut and i good management and i good management and iffour years (if undertaken This is the vertical 'gapp hedgerow, and its distan growth.  Certain exceptions to this the Hedgerow Survey Hi.  This is the horizontal 'gaph hedgerow. Caps are commatter how small).	ording to good practice).  In which good practice ordinary is a succession of the woody growth estimated at the widest point gaps and isolated trees.  In which gaps and isolated trees are only imate when they are >0.5 m in height.  In early planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).  In early of the woody component of the ce from the ground to the lowest leafy scriterion are acceptable (see page 65 of andbook).  In princes of the woody component of the of t	No	reduced topping of hedge
B1.	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length	years (if undertaken acc A newly planted hedgerc >1.5 m height).  The average width of wc of the canopy, excluding of the canopy, excluding included in the width est Laid, coppiced, cut and it good management and jour years (if undertaken This is the vertical 'gap hedgerow, and its distangrowth.  Certain exceptions to this the Hedgerow Survey His is the horizontal 'gahedgerow. Gaps are cor matter how small).  Access points and gates	ording to good practice).  ow does not pass this criterion (unless it is supported by the second pass of the words point gaps and isolated trees.   okthorn *Pruna* spinosa* suckers) are only imate when they are >0.5 m in height.   newly planted hedgerows are indicative of pass this criterion for up to a maximum of according to good practice).   iness' of the woody component of the ce from the ground to the lowest leafy scriterion are acceptable (see page 65 of andbook).	No	reduced topping of hedge



Undisturbed ground and perennial vegetation		>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length:  'Measured from outer edge of hedgerow; and 1s present on one side of the hedgerow (at least).	the base of the hedgerow Undisturbed ground is pr length, greater than 1 m least one side of the hed This criterion recognises boundary habitat with the	resent for at least 90% of the hedgerow in width and must be present along at gerow. the value of the hedgerow base as a capacity to support a wide range of vily trodden footpaths, poached ground	Yes	
C2.	Nutrient-enriched perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground.	Galium aparine and doc	The indicator species used are nettles <i>Urtica</i> spp., cleavers <i>Salium aparine</i> and docks <i>Rumex</i> spp. Their presence, either singly or together, does not exceed the 20% cover threshold.		Common nettle and hemlock are frequent
D1.	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA³) and recently introduced species.	in the UK since AD 1500 natives. For information JNCC website <sup>4</sup> , as well a Atlas of the British and Ir the status of species. Fo	cies refer to plants that have naturalised (neophytes). Archaeophytes count as on archaeophytes and neophytes see the as the BSBI website <sup>5</sup> where the 'Online sis Florar <sup>6</sup> confains an up-to-date list of r information on invasive non-native -Native Secretariat website <sup>7</sup> .	Yes	None present
D2.	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities.	or lead to deterioration in This could include evider	damaging activities that may have led to n other attributes. nce of pollution, piles of manure or rubble, ment practices (for example, excessive	Yes	
Addit	ional group - appli	cable to hedgerows with trees only				
E1.	Tree class	There is more than one age-class (or morphology) of tree present (for example: young, mature, veteran and or ancient <sup>8</sup> ), and there is on average at least one mature, ancient or veteran tree present per 20 - 50m of hedgerow.		if there are a range of age-classes or w for replacement of trees and provide t species.		
A A h h fe E2. Tree health lift o		At least 95% of hedgerow trees are in a healthy condition (excluding veteran				
E2.	Tree health	features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		the trees are subject to damage which at and health of the individual specimens.		
The h	edgerow condition a	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human	compromises the surviva	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h	edgerow condition as below.	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  ssessment generates a weighting (score) ra	compromises the surviva	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h	edgerow condition as below.	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	compromises the surviva	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h	edgerow condition as below. lition categories for	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  Bassessment generates a weighting (score) rave hedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.	compromises the surviva	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h tables	edgerow condition a below. lition categories for gory	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  sseessment generates a weighting (score) rathedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional	compromises the survival	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The htables	edgerow condition a below. lition categories for gory	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  **Seessment generates a weighting (score) rate hedgerows without trees  **Category Requirements**  No more than 2 failures in total;  **AND**  No more than 1 failure in any functional group.  No more than 4 failures in total;  **AND**  No more than 4 failures in total;  **AND**  No more than 2 failures in total;  **AND**  No more than 4 failures in total;  **AND**  No more than 4 failures in total;  **AND**  No more than 4 failures in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	nging from 1 - 3, which is  Metric Score  3	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h tables Cond Categ Good Mode	edgerow condition as below. littion categories for	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  sseessment generates a weighting (score) rathedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:	nging from 1 - 3, which is  Metric Score  3	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h tables Cond Categ	edgerow condition as below.  litton categories fol  rate	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  **Seessment generates a weighting (score) rate hedgerows without trees  **Category Requirements**  No more than 2 failures in total;  **AND**  No more than 1 failure in any functional group.  No more than 4 failures in total;  **AND**  No more than 4 failures in total;  **AND**  No more than 2 failures in total;  **AND**  No more than 4 failures in total;  **AND**  No more than 4 failures in total;  **AND**  No more than 4 failures in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	nging from 1 - 3, which is  Metric Score  3	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h tables Cond Category Good Mode	edgerow condition as below. itition categories for yory  rate	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  Saseasment generates a weighting (score) ras hedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  known or the second of the second of the degrees with trees  Category Requirements  No more than 2 failures in total;	compromises the surviva nging from 1 - 3, which is  Metric Score  3	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h tables Cond Category Good Mode	edgerow condition as below. iition categories for our categories for	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  ssessment generates a weighting (score) rate hedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Des not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  hedgerows with trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 5 failures in total;  AND  No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes).	compromises the survival nging from 1 - 3, which is  Metric Score  3  2  Metric score	al and health of the individual specimens.	ic. The scores for e	ach are set out in the
The h tables Cond Categ Good Mode Poor Cond Categ	edgerow condition as below. iition categories for our categories for	little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  **Seessment generates a weighting (score) raschief, and activity assessment generates a weighting (score) raschief, and activity.  **Seessment generates a weighting (score) raschief, and and activity.  **No more than 1 failure in any functional group.  No more than 4 failures in total;  **AND Dess not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  **Seore achieved:**  **Category Requirements**  No more than 2 failures in total;  **AND No more than 5 failures in total;  **AND Coes not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 c2 and E1 = **	compromises the survival national form 1 - 3, which is making from 1 - 3, which is Metric Score  3  Metric Score  3  Metric score  3	al and health of the individual specimens.	ic. The scores for e	ach are set out in the



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# **Hedgerow with trees – Poor condition**

Native holdgrow associated with bank or ditch Native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Species-rich native holdgrow with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch  Survey date and Surveyor name  Survey date and Surveyor name  Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or ditch Holdgrows with trees - associated with bank or di			EROW Habitat Types				
Native holdgrow with trees — securities with hank or disch Marke holdgrow with trees — securities dependenced with bank or disch Species-rich native holdgrow with trees — securities with bank or disch Species-rich native holdgrow with trees — securities with bank or disch Species-rich native holdgrow with trees — securities above under the process of the holdgrow with trees — securities above under the process of the holdgrow with trees — securities above under the process of the holdgrow with trees — securities above under the process of the holdgrow with trees — securities and the holdgrow with trees — securities and the holdgrow with trees — securities and the holdgrow with trees — securities for the features are the frequent features within functional groups AD resulting in and overall poor condition.  Limitations (if applicable)  Limitation	Habi	tat Type					
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Species-rich native hedgerow with trees Species-rich native hedgerow Hedgerow with trees in poor condition. Hedgerow with trees in poor condition. Hedgerow with trees in poor condition. Survey reference (if relating to a wider native)  Survey and native							
Species-th-native hedgerow with trees — associated with bank or disch    Patient Description							
Species—the native hedgerow with trees — associated with bank or dischalled personal process of the features in poor condition. Not settlement with trees in poor condition. Not settlement in poor condition. The control personal process of the features in poor condition. The control personal process of the features with nucleosing groups. A D resulting in and overall poor condition.  **The control of discharge in the features are the frequent features with nucleosing groups. A D resulting in and overall poor condition.  **The control of discharge in the features are the frequent features with nucleosing groups. A D resulting in and overall poor condition.  **The control of discharge in the features in poor condition.  **The control of discharge in the features in poor condition.  **The control of discharge in the features in poor condition.  **The assessment is based on the Hedgerow Survey Handbook.**  **Bed practice would be to record the species, age, spacing and other key information about all trees present along a hedgerow within the Habitat Description box, as well as other key information about all trees present along a hedgerow within the Habitat Description box, as well as other key features of the hedgerow Survey Handbook.**  **Bed practice would be to record the species, age, spacing and other key information about all trees present along a hedgerow within the Habitat Description box, as well as other key features of the hedgerow survey.  **Bed practice would be to record the species, age, spacing and other key information about all trees present along a hedgerow within the Habitat Description box, as well as other key features of the hedgerow survey.  **Altributes and functional groups with present control of the features.**  **Altributes and functional groups with present control of the features.**  **Altributes and functional groups with present along a hedgerow within the Habitat Description box, as well as other key features of the hedgerow within the Habitat Description box, as well as other feat							
Historic Description Historic				or ditch			
Hedgerow with trees in poor condition. Most features show similar management throughout the Order Limits and as such a summary sheet is presented for the features in poor condition.    April 2023 - August 2024			gerow with trees - associated with bank t	or dittori			
On-alte or off-site, site  On-alter or			poor condition. Most features show similar m	anagement throughout th	e Order Limits and as such a summary she	et is presented for I	the features in poor
On-site or off-site, site name and location  Limitations (if applicable)  Survey date and Surveyor name  Survey date and Surveyor name  Survey date and Surveyor name  April 2023 - August 2024  Limitations (if applicable)  Survey reference (if relating to a wider survey)  Habitat parcel reference  Habita	cond	ition. The overarchin	g limitation for these features are the frequen	nt failures within functiona	l groups A-D resulting in and overall poor of	ondition.	
On-site or off-site, site name and location  Limitations (if applicable)  Survey date and Surveyor name  Survey date and Surveyor name  Survey date and Surveyor name  April 2023 - August 2024  Limitations (if applicable)  Survey reference (if relating to a wider survey)  Habitat parcel reference  Habita							
On-site or off-site, site name and location  Limitations (if applicable)  Survey date and Surveyor name  Survey date and Surveyor name  Survey date and Surveyor name  April 2023 - August 2024  Limitations (if applicable)  Survey reference (if relating to a wider survey)  Habitat parcel reference  Habita	ukha	b – UK Habitat Class	sification				
Limitations (if applicable)  Grid reference  Habitat parcel reference (if relating to a wider survey)  Habitat parcel reference (if relating to a wider survey)  Habitat parcel reference  Habitat parcel reference  Habitat parcel reference  Hit 1, H22, H24, H44, H49, H56, H93, H96, H93, H96, H92, H130, H130						April 2023 - Augus	st 2024.
Limitations (if applicable)  Grid reference  Habitat parcel reference (if relating to a wider survey)  Habitat parcel reference  Habitat parcel reference  Habitat parcel reference  Habitat parcel reference  H11, H22, H24, H44, H49, H56, H93, H93, H93, H93, H140, H142, H96, H93, H93, H134, H140, H142, H96, H93, H93, H94, H94, H96, H93, H94, H94, H94, H96, H93, H94, H94, H94, H96, H93, H94, H94, H94, H94, H96, H93, H94, H94, H94, H94, H94, H94, H94, H94			3 000000000000		Survey date and Surveyor name		
Grid reference  Habitat parcel reference  Habitat parcel reference  H11. H22, H24, H44, H48, H56, H93, H56, H93, H56, H193, H190, H192, H192, H190, H192, H190, H192, H190, H192, H190, H192, H192, H192, H192, H192, H192, H1	Halli	e and location			¥		
Grid reference  Habital parcel reference  Habital parcel reference  Habital parcel reference  H11, H22, H24, H44, H48, H56, H93, H96, H192, H192, H192, H193, H194, H194, H96, H193, H194, H194, H194, H96, H193, H194,							
Grid reference  Habital parcel reference  Habital parcel reference  Habital parcel reference  H11, H22, H24, H44, H48, H56, H93, H96, H192, H192, H192, H193, H194, H194, H96, H193, H194, H194, H194, H96, H193, H194,	Limit	tations (if			Survey reference (if relating to a wider		
Contribute Assessment Details A series of fair attributes, representing key physical characteristics are used for this assessment. Each attribute is assigned to one of five functional groups (A. – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the "favourable condition" criteria.  This assessment is based on the Hedgerow Survey Handbook 1 and Favourable Conservation Status document." For further clarification please refer to the Hedgerow Survey Handbook 2 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 2 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further data for the second status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification Please Status Sta							
Gardetien Assessment Details A series of fair attributes, representing key physical characteristics are used for this assessment. Each attribute is assigned to one of five functional groups (A. – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the "favourable condition" criteria.  This assessment is based on the Hedgerow Survey Handbook 1 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 2 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Manual Planck Status Statu							
Gardetien Assessment Details A series of fair attributes, representing key physical characteristics are used for this assessment. Each attribute is assigned to one of five functional groups (A. – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the "favourable condition" criteria.  This assessment is based on the Hedgerow Survey Handbook 1 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 2 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Survey Handbook 3 and Favourable Conservation Status document. For further clarification please refer to the Hedgerow Manual Planck Status Statu						H11, H22, H24, H	44, H49, H56, H93,
A series of ten attributes, representing key physical characteristics are used for this assessment. Each attribute is assigned to one of live functional groups (A – E) and the condition of a hedgerow is assessed according to the number of attributes from these functional groups which pass or fail the discoverable condition?  This assessment is based on the Hedgerow Survey Handbook. The discoverage of the hedgerow survey Handbook.  Best practice would be to record the species, age, spacing and other key information about all trees present along a hedgerow within the "Habitat Description" box, as well as other key features of the hedgerow.  Hedgerow favourable condition attributes.  **Attributes and functional groupings**  A.B. C.D and E)  **Correct groups - applicable to all hedgerow kypes**  **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.  **Newly laid or copiced hedgerows are indicative of good management and pass this criterion for up to a maximum of four years (if undertaken according to good practice).  **At Performance of the special proposed of the shoots, excluding gaps and isolated trees.  **At Performance of the special proposed of the shoots and isolated trees.  **At Performance of the proposed of the					Habitat parcel reference		
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B1. Gap - hedge base Gap between ground and base of canopy <0.5 m for >90% of length  Certain exceptions to this criterion are acceptable (see page 65 of the Hedgerow Survey Handbook).  Certain exceptions to this criterion are acceptable (see page 65 of the Hedgerow Survey Handbook).  No Gaps in hedgerow canopy due to intensive management resulting in gaps at base of hedge hedgerow. Gaps are complete breaks in the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small).  Access points and gates contribute to the overall 'gappiness' but				four years (if undertaken	according to good practice).		
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B1. Gap - hedge base Gap between ground and base of canopy of the Hedgerow Survey Handbook).  Gap - hedge base Gap between ground and base of canopy of the Hedgerow Survey Handbook).  Gap - hedge Gap - hedge Canopy continuity  Gap - hedge Gap - hedge Canopy continuity  Gap - hedge Canopy continuity  Access points and gates contribute to the overall 'gappiness' but management resulting in gaps at base of hedge hedge.  B2. Gap - hedge Gaps make up <10% of total length; and No canopy gaps >5 m  Access points and gates contribute to the overall 'gappiness' but	l						this criteria due to
B1. Gap - hedge base of hedge of the Hedgerow Survey Handbook).  Gap - hedge base of hedge of the Hedgerow Survey Handbook).  Gap - hedge are complete breaks in the woody component of the hedgerow canopy due to intensive management practices.  Gap - hedge canopy continuity.  Access points and gates contribute to the overall 'gappiness' but	l		0		ce from the ground to the lowest leafy		
B2. Gap - hedge Gaps make up <10% of total length; and No canopy gaps >5 m  Certain exceptions to this criterion are acceptable (see page 65 of the Hedgerow Survey Handbook).  No Gaps in hedgerow canopy due to intensive management practices	B1.	Gap - hedge base		growth.			
B2. Gap - hedge canopy continuity  Gap - online graphic and No canopy gaps >5 m  This is the horizontal 'gappiness' of the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small).  Access points and gates contribute to the overall 'gappiness' but	l						hedge
B2. Gap - hedge canopy continuity  Gaps make up <10% of total length; and No canopy gaps >5 m  This is the horizontal 'gappiness' of the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small).  Access points and gates contribute to the overall 'gappiness' but	1			the Hedgerow Survey H	andbook).		
B2. Gap - hedge canopy continuity  Gaps make up <10% of total length; and No canopy gaps >5 m  This is the horizontal 'gappiness' of the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small).  Access points and gates contribute to the overall 'gappiness' but						No	Gaps in hedgerow
B2. Gap - hedge canopy continuity  Gaps make up <10% of total length; and No canopy gaps >5 m  Access points and gates contribute to the overall 'gappiness' but				This is the besides to the	animan' of the words are and the		canopy due to
B2. Gap - hedge canopy continuity Canopy gaps >5 m	1						
B2. canopy continuity No canopy gaps >5 m Access points and gates contribute to the overall 'gappiness' but		Gan - hedge	Gans make up <10% of total length; and				
	B2.			Access points and gates	contribute to the overall 'ganniness' but		1.00 may 250 (1.00)
	1						



and vegetation of the ledgerow with trees only control demands of the hedgerow and undisturbed ground.  This control makes are controlled experimental to the hedgerow and undisturbed ground and the area of undisturbed ground.  The indicator species under the provided provided and the provided provided and the provided provided and the provided ground and the provided provided and the provided ground is the ord distinguishment ground and provided ground and the provided ground is the ord distinguishment ground and provided ground and the provided ground							
command enrichment of soils dominate COVIs cover of the area of undisturbed ground.  Solid the area of undisturbed ground and the area of the kinds of the following the course of the area of undisturbed ground and the area of the kinds of the following the course of the area of undisturbed ground and the area of the course of the area of the course of the area of the course of	C1.	ground and perennial	perennial herbaceous vegetation for >90% of length:  · Measured from outer edge of hedgerow; and  · Is present on one side of the hedgerow	he base of the hedgerow.  Indisturbed ground is present for at least 90% of the hedgerow ength, greater than 1 m in width and must be present along at east one side of the hedgerow.  In it is criterion recognises the value of the hedgerow base as a poundary habitat with the capacity to support a wide range of pecies. Cultivation, heavily trodden footpaths, poached ground		No	roadside verges
Poor worker and provided and species (included a peoise refer to plants that have naturalised in the U.K. area. of 1500 (neophyles, Outbook) present out as good in the U.K. area. of 1500 (neophyles, Outbook) present as supplied to the CVA. If and recently introduced species (include species) from the Confidence of the CVA. If and recently introduced species (include species) and include of the CVA. If and recently introduced species (include species) and include species (include species) and include species (include species) and include species are the CVA. If and recently introduced species are the CVA. If an interest in a part of the present of the CVA. If an interest in a part of the CVA. If an interest in an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in a part of the CVA. If an interest in	C2.	perennial	enrichment of soils dominate <20% cover	Galium aparine and doc	Galium aparine and docks Rumex spp. Their presence, either		Common nettle and hemlock are frequen
D2. Current damage  202. Current damage  203. Since the hedgerow or undisturbed ground is five of damage caused by fundaman activities.  203. There is more than one age-class (or morphology of the general (for example, young, mature, veteral and or ancient). This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (for example, excessive independence).  205. Sim of hedgerow conting).  205. Sim of hedgerow in the pollution piles of manure or rubble, or inappropriate management practices (for example, excessive independence). This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (for example, excessive independence). The pollution piles of manure or rubble, or inappropriate management practices (for example, excessive independence). The pollution piles of manure or rubble, or inappropriate management practices (for example, excessive independence). The pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles of manure or rubble, or independence of pollution piles or independence or independence of pollution piles or independence or independence of pollution piles or independence o			ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently	in the UK since AD 1500 natives. For information JNCC website <sup>4</sup> , as well a Atlas of the British and Ir the status of species. Fo	( (neophytes). Archaeophytes count as on archaeophytes and neophytes see the as the BSBI website <sup>5</sup> where the 'Online ish Flora' <sup>6</sup> contains an up-to-date list of r information on invasive non-native	Yes	None present
There is more han one age-class (or morphology) of the present for example; one morphology of the present for example; one morphology of the present for example; and there is on a warga at least one mature, ancient or veteran tree present per 20 - 50m of hodgerow.    A least 5% of hedgerow trees are in a healthy conflict (excitation) system a features valuable for widdle). There is little or no evidence of an adverse impact on the health by damage from livestock or vided animals, pests or diseases, or human activity.    The hedgerow condition assegnates for hedgerows without trees is little or no widdle in the pests or diseases, or human activity.    The hedgerow condition assegnates for hedgerows without trees is little to read without the pests of diseases, or human activity.    The hedgerow condition assegnates for hedgerows without trees   Category Requirements   No more than 2 failures in total;   AND   No more than 4 failures in total;   AND   No more than 4 failures in total;   AND   No more than 4 attributes, and the pests of the person of the pests of the p	D2.	Current damage	ground is free of damage caused by	or lead to deterioration in This could include evider or inappropriate manage	n other attributes.  noe of pollution, piles of manure or rubble,	No	management
Inner is finder fail or single-class (or cample: power, mature, accided by power, accided by power, accided by power, mature, accided by power, accided by	Addit	ional group - appli	cable to hedgerows with trees only				
A release 59% of widdling. This criterion identifies if the trees are subject to damage which features valuable for widdling. This criterion identifies if the trees are subject to damage which gitted or no evidence of an afterior wid an intensity.  The headgerow condition assessment generates as weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in that tables below.  Condition categories for hedgerows without trees.  Category  Category Requirements  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attribute A1, A2, B1 and B2 = Poor condition; AND  No more than 1 failure in any functional group.  Score achieved:  Category  Category Requirements  Metric score  Metric score  Metric score  Metric score  Metric score  And  Category Requirements  Metric score  Category  Category Requirements  Metric score  Category  Category Requirements  Metric score  No more than 1 failure in any functional group.  Score achieved:  Category  Category Requirements  No more than 5 failures in total;  AND  No more than 6 failures in total;  AND  No more than 6 failures in total;  AND  No more than 6 failures in total;  AND  No more than 1 failure in any functional group for example, fails attributes A1, A2, B1 and B2 = Poor condition, B1  attributes A1, A2, B1 and B2 = Poor condition, B1	E1.	Tree class	morphology) of tree present (for example: young, mature, veteran and or ancient 8), and there is on average at least one mature, ancient or veteran tree present per	morphologies which allow	w for replacement of trees and provide	No	age class only within hedges however some do pass this
tables below.  Condition categories for hedgerows without trees  Category Category Requirements Metric Score  No more than 2 failures in total;  AND  No more than 4 failures in total;  AND  Does not fall both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees  Category Category Requirements Metric score  No more than 2 failures in total; AND  No more than 5 failures in total; AND  Does not fail both attributes in more than one functional group.  No more than 5 failures in total; AND  Does not fail both attributes in more than one functional group.  Roore than 5 failures in total; AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).	E2.	Tree health	healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human			No	
Category Category Requirements Metric Score  No more than 2 failures in total; AND  Does not fail both attributes in more than one function al group.  Score Attributes A1, A2, B1 and B2 = Poor condition  Category Category Requirements  No more than 1 failure in any functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees  Category Category Requirements  No more than 1 failure in any functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees  Category Category Requirements Metric score  No more than 2 failures in total; AND  No more than 5 failures in total; AND  No more than 5 failures in total; AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; or more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).			assessment generates a weighting (score) ra	nging from 1 - 3, which is	used within the Statutory Biodiversity Metr	ic. The scores for e	ach are set out in the
Category Category Requirements Metric Score  No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees Category Category Requirements Metric score  No more than 2 failures in total; AND No more than 5 failures in total; AND No more than 5 failures in total; AND No more than 5 failures in more than one functional group.  No more than 1 failure in any functional group.  Pose not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails a total of more than 5 attributes; OR Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	_		r hadgarage without trace				
No more than 2 failures in total;   AND   No more than 1 failure in any functional group.   No more than 1 failure in any functional group.   No more than 4 failures in total;   AND   Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).   Fails a total of more than 4 attributes;   OR   Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).   Score achieved:				Metric Score			
No more than 4 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees  Category  Category Requirements  No more than 2 failures in total; AND  No more than 1 failure in any functional group.  No more than 5 failures in total; AND  No more than 5 failures in total; AND  Does not fail both attributes, in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR  Poor  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Good		AND No more than 1 failure in any functional	3			
attributes A1, Â2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Mode	rate	No more than 4 failures in total; AND Does not fail both attributes in more than	2			
Poor    Section   Poor   Poor			attributes A1, A2, B1 and C2 = Moderate condition).				
Category Category Requirements Metric score  No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 1 failure in total; AND No more than 5 failures in total; AND Does not fail both attributes; in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Poor  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Poor		OR <u>Fails both attributes</u> in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).				
Category Category Requirements Metric score  No more than 2 failures in total; AND No more than 5 failures in total; AND Moderate  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1 A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Cond	Itian cote control for					
AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes, in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Poor Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).				Metric score			
AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR  Poor  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Good		AND No more than 1 failure in any functional	3			
OR Falls both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Mode	rate	AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).	2			
Score achieved: 1	Poor		OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	1			
Suggested enhancement interventions to improve condition score			Score achieved:	1			



P.		



# Hedgerow with trees - Moderate condition

Cond	lition sheet: HEDG	EROW Habitat Types				
Sept. Action in con-	tat Type					
	e hedgerow					
		the native hedgerow with trees associated with bank or ditch the native hedgerow with trees associated with bank or ditch the native hedgerow with trees associated with bank or ditch the native hedgerow with trees associated with bank or ditch scription with trees in Moderate condition. This condition sheet takes the average condition criteria across all features.    Habitat Classification				
		row with trees - associated with bank or ditch native hedgerow - associated with bank or ditch native hedgerow with trees associated with bank or ditch native hedgerow with trees native hedgerow with trees - associated with bank or ditch native hedgerow with trees native hedgerow with trees in Moderate condition. This condition sheet takes the average condition criteria across all features.    April 2023- August 2024.				
		ch native hedgerow characteristic and the second state of the second state in the second second state in the second state in t				
Habi	tat Description	edgerow edgerow - associated with bank or ditch edgerow with trees - associated with bank or ditch - rich native hedgerow with trees - associated with bank or ditch - rich native hedgerow - associated with bank or ditch - rich native hedgerow - associated with bank or ditch - rich native hedgerow with trees - associated with bank or ditch - rich native hedgerow with trees - associated with bank or ditch - ditch - rich native hedgerow with trees - associated with bank or ditch - dit				
Hedg	erows with trees in f	Moderate condition. This condition sheet take	es the average condition	criteria across all features.		
ukha	b – UK Habitat Class	sification				
					April 2023- Augus	2024.
	ite or off-site, site and location	NO.0000000		Survey date and Surveyor name		and State of the Final
Limit	estions (if			Common reference (if relating to a mide		
	cable)					
				•		
					H6. H19. H50. H5	3. H59. H106. H180.
Grid	reference			Habitat parcel reference		
				70	<i></i>	
A ser	ies of ten attributes,	representing key physical characteristics are	used for this assessmer	it. Each attribute is assigned to one of five f	unctional groups (A	. – E) and the
Cond	aon or a neagerow i	a assessed according to the number of attrib	utes nom these functions	i groups which pass of fail the lavourable t	oridition criteria.	
	assessment is based book.	d on the Hedgerow Survey Handbook 1 and F	avourable Conservation	Status document <sup>2</sup> . For further clarification p	lease refer to the H	ledgerow Survey
			key information about all	trees present along a hedgerow within the '	Habitat Description	box, as well as other
Hedg	erow favourable co	ondition attributes	7974			w
Attril	outes and	i e				ĺ
	tional groupings		Criteria description		Criterion passed	Notes (such as
		e to all hedgerow types			(Yes or No)	justification)
0010	у опротирующи	l lo an nougeron types			Yes	Most hedges maintain
						this height however
						several fail this height criteria due to
			Newly laid or conniced h	edgerows are indicative of good		management
A1.	Height	>1.5 m average along length	management and pass t	his criterion for up to a maximum of four		practices.
			years (if undertaken acc	ording to good practice).		
			A newly planted hedger	ow does not pass this criterion (unless it is		
			7		Yes	Most hedges maintain
				oody growth estimated at the widest point		this width however several fail criteria
			of the canopy, excluding	gaps and isolated trees.		due to management
			Outgrowths (such as bla	ckthorn Prunus spinosa suckers) are only		practices. If features
A2.	Width	>1.5 m average along length	included in the width est	imate when they are >0.5 m in height.		in this category fail A1, A2 is passed and
			Laid, coppiced, cut and	newly planted hedgerows are indicative of		vice versa,
			good management and	pass this criterion for up to a maximum of		maintaining one passed criteria within
			four years (if undertaker	according to good practice).		the functional group.
			//		No	On average failing
				iness' of the woody component of the		this criteria due to
		Can between ground and have of	hedgerow, and its distar growth.	ce from the ground to the lowest leafy		gaps in base due to leggy growth or
B1.	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length	<b>3</b>			management of
		No des de de valueza con la la Pala Pala de Consta Pala Pala Pala Pala Pala Pala Pala Pa		s criterion are acceptable (see page 65 of		hedge.
1			the Hedgerow Survey H	andbook).		
H					Yes	On average passing
			This is the horizontal 'na	ppiness' of the woody component of the		this criteria with either
			hedgerow. Gaps are cor	nplete breaks in the woody canopy (no		intact or few gaps present. Where B2 is
B2.	Gap - hedge	Gaps make up <10% of total length; and	matter how small).			failed, B1 is passed
	canopy continuity	No canopy gaps >5 m		contribute to the overall 'gappiness' but		and vice versa, maintaing one passed
			are not subject to the >5 gate).	m criterion (as this is the typical size of a		criteria within the



Understanded of the common and the c						
National program and values of the control of the area of undisturbed ground.  The indicator species used an entities (price spe, deserve) encirclement of tools downsies of the presence, either	C1.	Undisturbed ground with perennial herbaceous vegetation for >90% of length:  - Measured from outer edge of hedgerow.  - Measured from outer edge of hedgerow.  - Measured from outer edge of hedgerow.  - Is present on one side of the hedgerow (at least).  - This criterion recognises the value of the hedgerow of the hedgerow habitat with the capacity to support a wide range of species. Cultivation, heavily trodder footpaths, poached ground		Yes	intensely managed margins. If C1 is failed, C2 is passed and vice versa,	
Note that the hedgerow and undisturbed ground is free of invasive non-nature plant ground is free of interpolated for the plant ground is free of interpolated ground interpolated ground is free of interpolated ground interpol	C2.	perennial	enrichment of soils dominate <20% cover	Galium aparine and docks Rumex spp. Their presence, either	No	On average failing this criteria due to nurient rich indicator species presence: common nettle and hemlock are frequen
Decrease the damage of the hedgerow or undisturbed pround is five of the map caused by human activities.  Tree class  Tree class  Additional group - applicable to hedgerows with trees only  Three is more than one age-class (or morphology) of the present (or example, young, mature, veteran and or arcicent.)  Tree class  All lasts 95% of hedgerow conditions assessment generates as weighting (score) ranging from 1 - 3, which is used within the Order I and have been asset to the Agenows conditions.  The hedgerow condition assessment generates as weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in flating from the failures in total;  AND  No more than 1 failure in any functional group.  The plan is total in the failures in total;  AND  No more than 1 failure in any functional group.  The hodgerow condition group of example, fails attributes 41, A2, B1 and B2 = Poor condition.  The plan is to the failures in total;  AND  No more than 1 failure in any functional group.  Fails a total of more than 6 attributes; for failures in the failures in total;  AND  Does not fail both attributes in more than one functional group. (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  The plan is the failures in the failures in total;  AND  Does not fail both attributes in more than one functional group. (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  The fail is a total from than 5 attributes, fails attributes A1, A2, B1 and B2 = Poor condition.  The fails a total for more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  The fails a total for more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  The fails a total for more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	D1.		ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently	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>4</sup> contains an up-to-date list of the status of species. For information on invasive non-native	Service .	Yes - none present.
There is more than one age-class (or morphology) of the present for example: young, mature, veteran and or ancient 1 and there is no exergage at least one mature, ancient or veteran free present per 20 - 50m of hedgerow.  This criterion addresses if there are a range of age-classes or only, falling this and there is no exergage at least one mature, ancient or veteran free present per 20 - 50m of hedgerow.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Blodiversity Metric. The scores for each are set out in the balbs below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Blodiversity Metric. The scores for each are set out in the balbs below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Blodiversity Metric. The scores for each are set out in the balbs below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Blodiversity Metric. The scores for each are set out in the balbs below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Blodiversity Metric. The scores for each are set out in the balbs below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Blodiversity Metric. The scores for each are set out in the balbs below.  The hedgerow condition assessment generates a weighting in the score and the balbs below.  The properties for hedgerows without trees.  The properties for hedgerows without trees.  The properties for hedgerows with more than one functional group for example, falls attributes A1, A2, B1 and B2 = Poor condition).  The properties for hedgerows with more than one functional group for example, falls attributes A1, A2, B1 and B2 = Poor condition).  Properties for hedgerows with m	D2.		ground is free of damage caused by human activities.	or lead to deterioration in other attributes.  This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (for example, excessive	000000	poor hedgerow
Tree class  Tree c	Addit	ional group - appli	cable to hedgerows with trees only		N.	lu est
At least 95% of hedgerow trees are in a healthy condition (excluding vertera in a healthy condition (excluding vertera in a healthy condition).  The health condition active is a condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in this below.  The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in the statutory of the properties of hedgerows without trees are subject to damage which or promises the survival and health of the individual specimens.  This criterion identifies if the trees are subject to damage which or within the Otto damage which or promises the survival and health of the individual specimens.  This criterion identifies if the trees are subject to damage which or within the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Statutory Biodiversity Metric. The scores for each are set out in the Biodiversity Biodiversity Metric. The scores for each are set out in the Biodiversity Bio	E1.	Tree class	morphology) of tree present (for example: young, mature, veteran and or ancient <sup>8</sup> ), and there is on average at least one mature, ancient or veteran tree present per	morphologies which allow for replacement of trees and provide	No	single age class tree
The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the statutory Biodiversity Metric. The scores for each are set out in the score in the score for the statutory Biodiversity Metric Score in the score	E2.	Tree health	healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human		Yes	On average passes this criteria however ash dieback is prese within the Order Limi and has damaged many trees. Many hedgerow trees are
Condition categories for hedgerows without trees  And No more than 2 failures in total; AND No more than 1 failure in any functional group.  And Coderate Condition,  Pails a total of more than 4 attributes; or more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition categories for hedgerows with trees  Coderate Coderate Coderate  Coderate			assessment generates a weighting (score) ra	inging from 1 - 3, which is used within the Statutory Biodiversity Mel	tric. The scores for	
Category Category Requirements Metric Score  No more than 2 failures in total; AND No more than 4 failures in notal; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Score achieved:  Category Category Category Requirements No more than 4 failures in total; AND Does not fail both attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and S2 = Poor condition).  Poor  Poor Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Fails total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	_		r hadraraus without trace			
No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees  Tategory Category Requirements AND No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND No more than 5 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes; in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails total attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails total attributes in more than one functional group (for example, fails attributes A1, A2, B1, A2, B1 and B2 = Poor condition).				Metric Score		
AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:  Condition categories for hedgerows with trees  Category  Category Requirements  No more than 2 failures in total; AND  No more than 1 failure in any functional group.  No more than 1 failure in any functional group.  AND  No more than 5 failures in total; AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Pails a total of more than 5 attributes; OR  Fails both attributes in more than one functional group for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Good		No more than 2 failures in total; AND No more than 1 failure in any functional			
Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved: Condition categories for hedgerows with trees Category Category Requirements No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, A2, B1 and B2 = Poor condition).	Mode	rate	AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate	2		
Score achieved:  Condition categories for hedgerows with trees Category  Category Requirements  No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND  Does not fail both attributes in more than one functional attributes A1, A2, B1, C2 and E1 =  Moderate condition).  Fails a total of more than 5 attributes; OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1, B1, B1)  Fails attributes A1, A2, B1 and B2 = Poor condition).	Poor		Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails	1		
Category   Category Requirements   Metric score			I control of the cont			
Category Category Requirements Metric score  No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	Commi					
No more than 2 failures in total; AND No more than 1 failure in any functional group.  No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).  Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).				Metric score		
No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1 A, 2, B1 and B2 = Poor conclional group for example, fails attributes A1 A, 2, B1 and B2 = Poor conclidion).  Fails a total of more than 5 attributes;  OR  Fails both attributes in more than one functional group for example, fails attributes A1, A2, B1 and B2 = Poor conclidion).	Good		No more than 2 failures in total; AND No more than 1 failure in any functional	3		
OR Falls both attributes in more than one functional group (for example, falls attributes A1, A2, B1 and B2 = Poor condition).	Mode	rate	No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 =	2		
Score achieved: 2	Poor		OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	1		
Suggested enhancement interventions to improve condition score						



L			



# **Hedgerow with trees - Good condition**

		EROW Habitat Types				
	at Type					
	e hedgerow					
	e hedgerow - assor e hedgerow with tr	ciated with bank or ditch				
		ees - associated with bank or ditch				
Spec	ies-rich native hed	gerow				
	ies-rich native hed ies-rich native hed	gerow - associated with bank or ditch				
		gerow with trees - associated with bank o	r ditch			
	at Description		:: - C. ( ) ) ) ) ) ))))))))))))))))))))))))			
Hedg	erows with trees in g	good condition. This condition sheet takes the	e average condition criter	ia across all features.		
ukhal	– UK Habitat Class	ification			100	
One	ite or off-site, site	On-site			April 2023 - Augus	1 2024.
	and location			Survey date and Surveyor name		
				8	8	
	ations (if			Survey reference (if relating to a wider		
арри	cable)			survey)		
Grid	reference			Habitat parcel reference	H198, H199	
Conc	lition Assessment I	Details				
A ser	ies of ten attributes,	representing key physical characteristics are				– E) and the
condi	tion of a hedgerow is	s assessed according to the number of attrib	utes from these functiona	al groups which pass or fail the 'favourable of	condition' criteria.	
This a	assessment is haser	on the Hedgerow Survey Handbook 1 and F	avourable Conservation	Status document <sup>2</sup> For further clarification r	lease refer to the H	edgerow Survey
Hand		on the meagerow earroy manageds and t	avodrabio conscirutori	Olates december 1 of farmer diameters	nodoo roror to trio ri	ougoron currey
Post	practice would be to	record the species, age, spacing and other I	key information about all I	trace present along a hadgerous within the "	Jahitat Description'	hav as wall as other
	eatures of the hedge	nabitat Description	box, as well as other			
Hede	erow favourable co	andition attributes				
	outes and	i	Ĭ			7-
	ional groupings	Criteria - the minimum requirements for 'favourable condition'	Criteria description		Criterion passed	Notes (such as
	, C, D and E)	e to all hedgerow types			(Yes or No)	justification)
Core	groups - applicable	e to all nedgerow types	T .		Yes	
				oody growth estimated from base of stem excluding any bank beneath the		
			hedgerow, any gaps or i			
A1.	Height	>1.5 m average along length		nedgerows are indicative of good this criterion for up to a maximum of four		
			years (if undertaken acc			
			A newly planted hodger	ow does not pass this criterion (unless it is		
			>1.5 m height).	ow does not pass this criterion (unless it is		
			Transaction and the second		Yes	
			The average width of wo	oody growth estimated at the widest point		
				gaps and isolated trees.		
			Outgrowths (such as bla	ckthorn Prunus spinosa suckers) are only		
A2.	Width	>1.5 m average along length		imate when they are >0.5 m in height.		
			Laid conniced cut and	newly planted hedgerows are indicative of		
				pass this criterion for up to a maximum of		
			four years (if undertaken	according to good practice).		
					Yes	
1				iness' of the woody component of the	3045	
1		Con between around and been of	hedgerow, and its distan	ice from the ground to the lowest leafy		
B1.	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length	growur.			
1		Commission (1996 - State Colonia Colonia (1997 - 1998)		is criterion are acceptable (see page 65 of		
1			the Hedgerow Survey H	andbook).		
					Yes	
1			This is the horizontal 'ga	appiness' of the woody component of the		
1			hedgerow. Gaps are cor	nplete breaks in the woody canopy (no		
B2.	Gap - hedge	Gaps make up <10% of total length; and	matter how small).			
	canopy continuity	No canopy gaps >5 m		contribute to the overall 'gappiness' but		
1			are not subject to the >5 gate).	m criterion (as this is the typical size of a		



C1.	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: • Measured from outer edge of hedgerow; and • Is present on one side of the hedgerow (at least).	This is the level of disturbance (excluding wildlife disturbance) at the base of the hedgerow.  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.  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.	Yes	
C2.	Nutrient-enriched perennial vegetation	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground.	The indicator species used are netties <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.	No	Failing this criteria due to nurient rich indicator species presence: common nettle and hemlock are frequent.
D1.	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA <sup>3</sup> ) and recently introduced species.	Recently introduced species refer to plants that have naturalised in the UK since AD 1500 (neophytes). Archaeophytes count as natives. For information on archaeophytes and neophytes see the JNCC website <sup>1</sup> , as well as the BSBI website <sup>3</sup> where the 'Online Atlas of the British and Irish Flora <sup>4</sup> contains an up-to-date list of the status of species. For information on invasive non-native species see the GB Non-Native Secretariat website <sup>7</sup> .	Yes	
D2.	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities.	This criterion addresses damaging activities that may have led to or lead to deterioration in other attributes.  This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (for example, excessive	Yes	
Addi	ional group, appli	cable to hedgerows with trees only	hedgerow cutting).		
E1.	Tree class	There is more than one age-class (or morphology) of tree present (for example: young, mature, veteran and or ancient <sup>8</sup> ), and there is on average at least one mature, ancient or veteran tree present per 20 - 50m of hedgerow.	This criterion addresses if there are a range of age-classes or morphologies which allow for replacement of trees and provide opportunities for different species.	Yes	Different age classe present within the features included mature oak and ash
		At least 95% of hedgerow trees are in a	<u> </u>	No	Ash dieback preser
E2.	Tree health	healthy condition (excluding veteran features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	This criterion identifies if the trees are subject to damage which compromises the survival and health of the individual specimens.		within crown of ash standards.
The h	edgerow condition a	features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.		ic. The scores for e	standards.
The h	edgerow condition as below.	features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.	compromises the survival and health of the individual specimens.	ic. The scores for e	standards.
The h tables	edgerow condition as below.	features valuable for wildlife). There is little or ne evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity. ssessment generates a weighting (score) ra thedgerows without trees Category Requirements	compromises the survival and health of the individual specimens.	ic. The scores for o	standards.
The haddes	edgerow condition as below. ition categories for	features valuable for wildlife). There is little or ne evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity. assessment generates a weighting (score) ra	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metropy (Control of the Control of the Control of the Control of the Control of the Con	ic. The scores for 6	standards.
The h tables Cond Categ	edgerow condition a below. lition categories fo gory	features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  ssessment generates a weighting (score) rathedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metr  Metric Score	ic. The scores for o	standards.
tables Cond	edgerow condition a below. lition categories fo gory	features valuable for wildlife). There is little or ne vidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  ssessment generates a weighting (score) rathedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes, in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metr  Metric Score	ic. The scores for o	
The h tables Cond Category Good Mode	edgerow condition as below.  litton categories fo	features valuable for wildlife). There is little or ne evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  Insulation of the control of the co	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metr  Metric Score	ic. The scores for o	standards.
The h tables Cond Categ Good Mode	edgerow condition as below.  lition categories fo  pory  rate	features valuable for wildlife). There is little or ne vidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  ssessment generates a weighting (score) rathedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes, in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metr  Metric Score	ic. The scores for o	standards.
The h tables Cond Cates Good Mode	edgerow condition as below.  lition categories fo  pory  rate	features valuable for wildlife). There is little or ne evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  sassesment generates a weighting (score) rar hedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails total of more than 4 attributes;  OR  functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).  Score achieved:	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metropy Metric Score  3  2	ic. The scores for o	standards.
The h tables Cond Cates Good Mode	edgerow condition as below.  litton categories fo pory  rate  litton categories fo gory	features valuable for wildlife). There is little or no evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  Interest the season of the seas	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metropy Metric Score  3  2	ic. The scores for o	standards.
The h tables Cond Category Good Poor Cond Category Good Ca	edgerow condition as below.  litton categories fo pory  rate  litton categories fo gory	features valuable for wildlife). There is little or ne evidence of an adverse impact on tree health by damage from livestock or wild animals, pests or diseases, or human activity.  assessment generates a weighting (score) rathedgerows without trees  Category Requirements  No more than 2 failures in total;  AND  No more than 1 failure in any functional group.  No more than 4 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).  Fails a total of more than 4 attributes;  OR  Fails a total of more than 4 attributes;  OR  Fails a total of more than 4 B2 = Poor condition).  Score achieved:  *Rhod Tallures in total;  AND  No more than 2 failures in total;  AND  No more than 5 failures in total;  AND  Does not fail both attributes in more than one functional group (for example, fails attributes in failure in any functional group. (In the failure in more than 4 failure in more than 5 failures in total;  AND  No more than 5 failures in total;  AND  No more than 6 failures in total;  AND  No more than 6 failures in more than 6 failures in fore than 6 failures in failure in 6 failures in failure i	compromises the survival and health of the individual specimens.  Inging from 1 - 3, which is used within the Statutory Biodiversity Metroscore  3  Metric Score  3  2  1  1  1	ic. The scores for o	standards.





#### Treeline - Poor condition

	endition Sheet: LINE OF TREES Ha bitat Types	ibitat Type		
	ne of trees			
4.000	าe of trees ne of trees – associated with bank	or ditch		
	ologically valuable line of trees			
Ec	ologically valuable line of trees -	associated with bank or ditch		
		rees condition sheet for linear blocks and g nent and record this habitat type in rural lo		an setting. You should only use
1007077	bitat Description			
20110000	eelines in poor condition within the O	Prder Limits		
303 50				
-	a tha Ctatutani Diadirianshi Matuia II.			
	e the Statutory Biodiversity Metric Using assessment is based on the Hedge	ser Guide. jerow Survey Handbook <sup>1</sup> . For further clarificati	one please refer to the Ha	ndhook
		resent within the line of trees, see Footnote 2		nabook.
-		Order Limits		April 2023 - August 2024.
	n-site or off-site, site name and		Survey date and Surveyor name	
_	Janon			
	nitations (if applicable)	None	Survey reference (if relating to a wider	
	ilitations (ii applicable)		survey)	
				H124, H252
Gr	id reference		Habitat parcel reference	
Co	ondition Assessment Criteria		Criterion passed (Yes or No)	Notes (such as justification)
	A41 - 4 700/ - 54		No	Non-native species present.
Α	At least 70% of trees are native spe	cies.		
			Yes	
В		nuous with gaps in canopy cover making up	Dec. (1990)	
	<10% of total area and no individua	l gap being >5 m wide.		
_			No	
С		ures and or natural ecological niches for as presence of standing and attached		
	deadwood, cavities, ivy or loose bar			
_	The state of the s	The last transfer which there is a last transfer to	No	
		egetated strip of at least 6 m on both sides to g and other human activities (excluding	140	
D		present, root protection areas should follow		
	standing advice <sup>2</sup> .			
Т	At least 95% of the trees are in a he	ealthy condition (deadwood or veteran	No	
_		cluded from this). There is little or no evidence	No. 251	
E		by damage from livestock or wild animals,		
	pests or diseases, or human activity			
Process of		N	umber of criteria passed	
100000	ondition Assessment Result (out 5 criteria)	Condition Assessment Score	Score Achieved ×/√	
Pa	sses 5 criteria	Good (3)		-
Pa	sses 3 or 4 criteria	Moderate (2)		
	sses 2 or fewer criteria	Poor (1)	<b>✓</b>	
Su	ggested enhancement interventio	ns to improve condition score		
Fo	otnotes			



#### Treeline – Moderate condition

	ondition Sheet: LINE OF TREES Ha	abitat Type		
Lii Lii Ec Ec	ne of trees ne of trees – associated with bank cologically valuable line of trees cologically valuable line of trees – ease see the separate Individual tr			<u>an</u> setting. You should only use
	is Line or trees condition assessination assessinates the condition is the condition assessinates and the condition assessinates and the condition assessinates are conditional assessinates and the condition assessinates are conditional assessinates and the conditional assessinates are conditional assessinates and the conditional assessinates are conditional asse	ient and record this habitat type in <u>rurai</u> id	ocations.	
Tr	eelines in moderate condition within	the Order Limits		
Th		ser Guide. lerow Survey Handbook <sup>1</sup> . For further clarificati resent within the line of trees, see Footnote 2		ndbook.
	n-site or off-site, site name and cation	Order Limits	Survey date and Surveyor name	April 2023 - August 2024.
Liı	mitations (if applicable)	None	Survey reference (if relating to a wider survey)	
Gr	id reference		Habitat parcel reference	H9, H10, H41, H51, H52, H60, H61 H74, H80, H111, H115, H116, H135 H137, H138, H143, H144, H145,
Cc	ondition Assessment Criteria		Criterion passed (Yes or No)	Notes (such as justification)
Α	At least 70% of trees are native spe	ecies.	Yes	Oak and ash dominant
В	Tree canopy is predominantly contice 10% of total area and no individual	nuous with gaps in canopy cover making up Il gap being >5 m wide.	No	Frequent gaps
С		ures and or natural ecological niches for as presence of standing and attached rk.	Yes	Cavities, etc
D	protect the line of trees from farming	egetated strip of at least 6 m on both sides to g and other human activities (excluding present, root protection areas should follow	No	2m field margin
E	features valuable for wildlife are exc	ealthy condition (deadwood or veteran cluded from this). There is little or no evidence by damage from livestock or wild animals,	Yes	
_	dia . A	N	lumber of criteria passed	
	ondition Assessment Result (out 5 criteria)	Condition Assessment Score	Score Achieved ×/√	
Pa	sses 5 criteria	Good (3)		
Pa	sses 3 or 4 criteria	Moderate (2)	✓	
Pa	sses 2 or fewer criteria	Poor (1)		
Su	ggested enhancement interventio	ns to improve condition score		
Fo	otnotes			

14529A 91 24 July 2025



#### **Treeline – Good condition**

Condition Sheet: LINE OF T	REES Habitat Type		
Habitat Types			
Line of trees Line of trees – associated v Ecologically valuable line o Ecologically valuable line o		itch	
	lividual trees condition sheet for li assessment and record this habit	near blocks and groups of trees in an <u>u</u> nt type in <u>rural</u> locations.	<u>rban</u> setting. You should only use
Habitat Description Treelines in good condition w	ith in the Order Limite		
Treelines in good condition w	italin the Order Limits.		
	the Hedgerow Survey Handbook <sup>1</sup> . Fe	or further clarifications please refer to the F s, see Footnote 2 for standing advice.	Handbook.
On-site or off-site, site nam	e and Order Limits	Survey date and Surveyor name	April 2023 - August 2024.
Limitations (if applicable)	None	Survey reference (if relating to a wider survey)	
Grid reference		Habitat parcel reference	H1, H2, H3, H4, H58, H129 H184, H185, H186, H208
Condition Assessment Crite	eria	Criterion passed (Yes or No)	Notes (such as justification)
At least 70% of trees are r	native species.	Yes	Oak dominated
	antly continuous with gaps in canopy of individual gap being >5 m wide.	cover making up	No gaps
	teran features and or natural ecologic ates, such as presence of standing ar loose bark.		Cavities, etc
protect the line of trees fro	aturally-vegetated strip of at least 6 mm farming and other human activities rees are present, root protection area	s (excluding	
features valuable for wildli	are in a healthy condition (deadwood fe are excluded from this). There is li ree health by damage from livestock an activity.	ttle or no evidence	
	404 × 1	Number of criteria pass	ed
Condition Assessment Res of 5 criteria)	Condition Assessment S		
Passes 5 criteria	Good (3)	<b>√</b>	
Passes 3 or 4 criteria	Moderate (2)		
Passes 2 or fewer criteria	Poor (1)		
Suggested enhancement in	terventions to improve condition s	core	•

14529A 92 24 July 2025



# **Individual trees Condition Assessment Sheets**

	abitat Types	. TREES Habitat Type											
In-	dividual trees – Urban trees dividual trees – Rural trees emplete a condition sheet for												
	ease see the separate Line abitat type in <u>rural</u> location	of trees condition sheet for a line of $\underline{rural}$ s.	trees. \	You sh	ould o	nly use	the Li	ne of t	rees c	onditio	n asse	ssment	and record that
На	abitat Description												
		applied to the urban or rural environment): neter at breast height whose canopies are not	touchir	ng.									
Gr	oups or stands of trees (size d canals, and also former fiel	cks and Groups (description applied to the requirement as defined above) within and aro d boundary trees incorporated into developmed and may be assessed within this category.	und the	perim	eter of	urban la							
		Within or on the Order Limits	Surve Surve	y date		July 20	024 - R	SK					
Or	n-site or off-site, site name ad location		Surve (if rela	y refe	ence a								
					el refe		T787	T67	T68	T69	T52	T51	
Li	mitations (if applicable)		1730	1401	1191	1790	1707	107	100	109	132	131	
			Grid r	eferen	ce					_			•
Co	ondition Assessment Criteri	ia								_			
			Criter	ion pa	ssed (\	es or l	No)						Notes (such as justification)
			N	Υ	Y	Y	Y	Υ	Υ	Y	Y	Y	
Α	The tree is a native species species).	(or at least 70% within the block are native											
	The free concess is predomin	nantly continuous, with gaps in canopy cover	Y	Υ	Y	Y	Υ	Y	Υ	Y	Y	Y	
В		ea and no individual gap being >5 m wide											
			N	N	N	N	N	Υ	Y	N	N	N	
С	The tree is mature (or more	than 50% within the block are mature) <sup>1</sup> .										0	
	There is little or no evidence	of an adverse impact on tree health by	N	N	Y	Y	N	N	N	N	N	N	
D	human activities (such as va activity). And there is no cur	andalism, herbicide or detrimental agricultural rent regular pruning regime, so the trees nopy for their age range and height.											
			N	N	Y	N	Υ	Y	Υ	N	N	N	
Е		r vertebrates and invertebrates are present, pood, cavities, ivy or loose bark.											
			Υ	Υ	Y	Y	Υ	Υ	Υ	Y	Y	Y	
F	More than 20% of the tree ca	anopy area is oversailing vegetation beneath.											
		Number of criteria passed	2	3	5	4	4	5	5	3	3	3	
	ondition Assessment esult (out of 6 criteria)	Condition Assessment Score	Score	Achie	ved ×/-	/			,	·		,	
	asses 5 or 6 criteria	Good (3)											



Passes 3 or 4 criteria	Moderate (2)								
Passes 2 or fewer criteria	Poor (1)							20	
Note that 'Fairly Good and Fai	irly Poor' condition categories are r	not available for th	is broad	habitat	type.				
Suggested enhancement int	erventions to improve condition	score <sup>2</sup>							



	THE OLD A INDUMBILAT	TDEEO II-L'A-I T											
	ondition Sheet: INDIVIDUAL abitat Types	. IREES Habitat Type											
	dividual trees – Urban trees												
	dividual trees – Orban trees dividual trees – Rural trees												
Co	emplete a condition sheet for	each tree or block of trees.											
	ease see the separate Line bitat type in <u>rural</u> location	of trees condition sheet for a line of <u>rural</u>	trees.	You sh	ould o	nly use	the Li	ne of tı	ees co	onditio	n asse:	ssment	and record that
		•.											
i i i	abitat Description												
		applied to the urban or rural environment): neter at breast height whose canopies are not		ng.									
u	han Perimeter / Linear Bloc	ks and Groups (description applied to the	urhan	enviro	nment	only):							
		requirement as defined above) within and aro					and. Th	s includ	des tho	se alor	ng urbai	n streets	s, highways, railways
		d boundary trees incorporated into developme	ents. Ca	anopies	shoul	d predo	minantl	y overla	ip cont	tinuous	ly. Grou	ips of ur	ban trees that don't
ma	atch the descriptions for wood	fland may be assessed within this category.				1							
		Within or on the Order Limits		y date yor na		July 2	024 - R	SK					
	n-site or off-site, site name			y refe									
ar	d location			ating to									
			wider	surve	y)								
			Habit	at parc	el refe	rence							
			T50	T49	T53	T29	T30	T135	T137	T126	T127	T128	
Li	mitations (if applicable)												
			0 11										4
			Grid	eferen	ce	ř	1	i -	1		Т		4
	131 - 4												
C	ondition Assessment Criter	la .						To the second			d.		Notes (such as
			Criter	ion pa	ssed (	Yes or I	No)						justification)
_				IV.	IV.	TV.	Tv.	Tv.	IV.	TV.	Tv.	TV.	
			1	r	ľ	1	1	ī	1	1	1	1	
	The tree is a native species	(or at least 70% within the block are native											
Α	species).												
			Y	Y	Y	Y	Y	Y	Υ	Y	Y	Y	
	The tree capacitic prodomire	nantly continuous, with gaps in canopy cover				A1					ľ		
В		a and no individual gap being >5 m wide											
	(individual trees automatical												
									y.				
			N	N	N	N	N	N	N	N	N	N	
_	The face is an in the	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
C	The tree is mature (or more	than 50% within the block are mature)¹.											
(c)													
0.1			N	Υ	N	N	N	N	N	N	N	N	
		of an adverse impact on tree health by											
D		andalism, herbicide or detrimental agricultural rent regular pruning regime, so the trees											
		nopy for their age range and height.											
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			$\perp$									
			N	N	N	N	N	Ν	N	N	N	N	
	Not wal appleaded picker for												
Ε		r vertebrates and invertebrates are present, bod, cavities, ivy or loose bark.											
						0							
			Y	Υ	Y	Y	Υ	Υ	Υ	Y	Y	Y	
_	Mana 4h an 2007 - 511 - 1												
F	More than 20% of the tree c	anopy area is oversailing vegetation beneath.											
77 - 1		Number of criteria	3	4	3	3	3	3	3	3	3	3	
		Number of criteria passed											
	ondition Assessment esult (out of 6 criteria)	Condition Assessment Score	Score	Achie	ved ×/								
-		Good (3)			1	T	T	1					4
100	sses 5 or 6 criteria	Good (3)	1	1	1	1	1	1	1	1	1	1	



Passes 2 or fewer criteria Poor (1)  Note that 'Fairly Good and Fairly Poor' condition categories are not available for this broad habitat type.	at type.
Note that 'Fairly Good and Fairly Poor' condition categories are not available for this broad habitat type.	at type.
Suggested enhancement interventions to improve condition score <sup>2</sup>	



	ondition Sheet: INDIVIDUAL	. TREES Habitat Type											
Ha	abitat Types	000 d											
In	dividual trees – Urban trees dividual trees – Rural trees omplete a condition sheet for												
PI	A 1000 (1 Might 1 1 000 F 1047) TO 000 Might 1040 A	of trees condition sheet for a line of rural	trees.	You st	rould o	nly use	the Li	ine of t	rees c	onditio	n asse	ssment	and record that
	abitat Description	<del>".</del>											
	, , , , , , , , , , , , , , , , , , ,												
Yo	oung trees over 7.5 cm in diar	applied to the urban or rural environment): meter at breast height whose canopies are not cks and Groups (description applied to the	t touchi urban	enviro			2000	- 52 W		49	8		
an	nd canals, and also former fiel	requirement as defined above) within and aro id boundary trees incorporated into developme dland may be assessed within this category.											
		Within or on the Order Limits		y date		July 2	024 - R	SK					
	n-site or off-site, site name nd location		Surve (if rela	y refe	rence o a								
			Habita	at parc	cel refe	rence							
Li	mitations (if applicable)		T129	T130	T103	T110	T114	T115	T116	T117	T72	T748	•
			Grid r	eferer	nce						1		1
Co	ondition Assessment Criter	ia	Criter	ion pa	ssed (	Yes or I	No)						Notes (such as justification)
			Y	IV.	Iv	Iv.	Iv.	TV	TV.	IV.	Tv	ΙΥ	Justinication)
Α	The tree is a native species species).	(or at least 70% within the block are native											
В		nantly continuous, with gaps in canopy cover as and no individual gap being >5 m wide ly pass this criterion).	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
С	The tree is mature (or more	than 50% within the block are mature) <sup>1</sup> .	N	N	N	N	N	N	N	N	N	N	
D	human activities (such as va activity). And there is no cur	of an adverse impact on tree health by andalism, herbicide or detrimental agricultural rent regular pruning regime, so the trees nopy for their age range and height.	N	N	N	N	N	N	N	N	N	N	
Е		r vertebrates and invertebrates are present, bod, cavities, ivy or loose bark.	N	N	Y	Y	N	N	N	N	N	Y	
F	More than 20% of the tree of	anopy area is oversailing vegetation beneath.	Y	Υ	Y	Y	Y	Y	Y	Y	Y	Y	
7		Number of criteria passed	3	3	4	4	3	3	3	3	3	4	
	ondition Assessment esult (out of 6 criteria)	Condition Assessment Score	Score	Achie	eved ×/	1		•				,	
	asses 5 or 6 criteria	Good (3)											

14529A 97 24 July 2025



Passes 3 or 4 criteria	Moderate (2)										
Passes 2 or fewer criteria	Poor (1)									20	
Note that 'Fairly Good and Fai	irly Poor' condition categories are r	not available for th	is broad	habitat	type.						
uggested enhancement interventions to improve condition score <sup>2</sup>											



	ndition Sheet: INDIVIDUAL	. TREES Habitat Type											
	bitat Types												
	dividual trees – Urban trees dividual trees – Rural trees												
	mplete a condition sheet for												
	ease see the separate Line bitat type in <u>rural</u> location	of trees condition sheet for a line of <u>rural</u>	trees.	You sh	ould o	nly use	the Li	ne of t	rees co	onditio	n asses	ssment	and record that
	bitat Description												
1113	bitat bescription												
		applied to the urban or rural environment): meter at breast height whose canopies are not	touchi	ng.									
Ur	ban Perimeter / Linear Bloo	cks and Groups (description applied to the	urban	enviro	nment	only):							
Gr	oups or stands of trees (size	requirement as defined above) within and aro	und the	perim	eter of	urban la							
		Id boundary trees incorporated into developme dland may be assessed within this category.	ents. Ca	anopies	should	d predo	minantly	y overla	ap cont	tinuous	y. Grou	ips of ur	ban trees that don't
	non the descriptions for week	Within or on the Order Limits	Surve	y date	and	July 2	024 - R	SK					
				yor na									
	ı-site or off-site, site name d location			y refe									
				ating to									
-			200000000000000000000000000000000000000			ronco							
					T390		T394	T395	T397	T398	T401	T474	4
Li	mitations (if applicable)		100,000,000	100000		1,000		0,000				100/02/02/02	
			0	_					<u> </u>		$\perp$		-
			Gria	eferen	ce	Ì	Ť	T	l l		Т	1	4
Co	ndition Assessment Criter	ia								_	_		
			Criter	ion pa	ssed ()	Yes or I	No)						Notes (such as
													justification)
			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	The tree is a native species	(or at least 70% within the block are native											
Α	species).												
			Υ	Υ	Υ	Y	Y	Υ	Υ	Y	Y	Υ	
		nantly continuous, with gaps in canopy cover											
В	making up <10% of total are (individual trees automatical	ea and no individual gap being >5 m wide											
	(marriada noos automatica	ny pasa una antanany.											
			Υ	N	N	N	Υ	Υ	Υ	Υ	Y	N	
_		u 500/ 30: 0 11 1 1 1 1											
С	The tree is mature (or more	than 50% within the block are mature)1.											
			N	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		N	N	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	L.	L.	
	There is little or no evidence	e of an adverse impact on tree health by	N	Y	Y	Y	N	N	N	Y	N	N	
D	human activities (such as va	andalism, herbicide or detrimental agricultural											
		rent regular pruning regime, so the trees nopy for their age range and height.											
		and ago range and neight											
			N	N	N	N	Υ	Y	Υ	N	Y	N	
1000	Natural ecological niches fo	r vertebrates and invertebrates are present,											
Е		ood, cavities, ivy or loose bark.											
			Υ	Υ	Y	Y	Υ	Υ	Y	Y	Y	Υ	-
									1				
F	More than 20% of the tree of	anopy area is oversailing vegetation beneath.											
17. 19		Number of criteria passed	4	4	4	4	5	5	5	5	5	3	<u> </u>
C	ndition Assessment	Namber of Chiena passed											
	sult (out of 6 criteria)	Condition Assessment Score	Score	Achie	eved ×/	✓							
Pa	sses 5 or 6 criteria	Good (3)											



Passes 2 or fewer criteria Poor (1)  Note that 'Fairly Good and Fairly Poor' condition categories are not available for this broad habitat type.	at type.
Note that 'Fairly Good and Fairly Poor' condition categories are not available for this broad habitat type.	at type.
Suggested enhancement interventions to improve condition score <sup>2</sup>	



	ondition Sheet: INDIVIDUAL	TREES Habitat Type											
	bitat Types												
	dividual trees – Urban trees dividual trees – Rural trees												
1	implete a condition sheet for												
	ease see the separate Line bitat type in <u>rural</u> location	of trees condition sheet for a line of <u>rural</u> s.	trees.	You st	ould o	nly use	the Li	ne of t	rees co	onditio	n asses	sment	and record that
Ha	bitat Description	V-V-V											
		applied to the urban or rural environment): meter at breast height whose canopies are not	touchi	ng.									
He	han Perimeter / Linear Bloc	cks and Groups (description applied to the	urhan	enviro	nment	only).							
Gr	oups or stands of trees (size	requirement as defined above) within and aro	und the	e perim	eter of	urban la							
		Id boundary trees incorporated into developmed aland may be assessed within this category.	ents. C	anopie	s should	d predo	minantly	overla	ap cont	inuousl	y. Grou	ps of ur	ban trees that don't
1116	ateri trie descriptions for wood	Within or on the Order Limits	Surve	ey date	and	July 20	024 - R	SK					
0.	s cite or off cite cite name			yor na		- 5							
	n-site or off-site, site name d location			y refe									
				ating to									
			200000000000000000000000000000000000000		cel refe	rence							
					T325		T422	T414	T286				-
Li	mitations (if applicable)												
			Grid	referen	ice								i
					T								
200.00													
Co	ondition Assessment Criter	ia											Notes (such as
			Crite	rion pa	ssed (`	Yes or I	No)						justification)
			Υ	Υ	Y	Υ	Υ	Υ	Υ	$\overline{}$	$\overline{}$		
	The tree is a pative appairs	/or at least 709/ within the block are notice					1000	504					
Α	species).	(or at least 70% within the block are native											
0 8			Y	Y	Y	Y	Υ	Υ	Υ				
		nantly continuous, with gaps in canopy cover											
В	making up <10% of total are (individual trees automatical	ea and no individual gap being >5 m wide											
	(marriada neces automatica	ny pasa una antanany.											
	Įč.		N	N	N	N	N	Υ	N				
С	The tree is mature (or more	than 50% within the block are mature) <sup>1</sup> .											
	The free is mature (or more	than 30 % within the block are mature).											
50 - Y			Υ	N	N	N	N	Υ	Υ	-		-	
	There is little or no evidence	e of an adverse impact on tree health by											
D		andalism, herbicide or detrimental agricultural rent regular pruning regime, so the trees											
		nopy for their age range and height.											
_			N	NI.	NI.	NI.	N	V	N	-	-		
			IN	N	N	N	N	1	N				
Е		r vertebrates and invertebrates are present,											
	such as presence of deadw	ood, cavities, ivy or loose bark.											
					<u> </u>		1				_		
			Y	Y	Y	Y	Y	Υ	Y				
F	More than 20% of the tree of	anopy area is oversailing vegetation beneath.											
0	590	Administry Section 1											
17 17			4	3	3	3	3	6	4	-	-	-	
	1:4:	Number of criteria passed		٢	Ľ	ľ	ľ		Ĭ	<u> </u>	<u></u>		
	ondition Assessment esult (out of 6 criteria)	Condition Assessment Score	Score	Achie	eved ×/	✓							
Pa	sses 5 or 6 criteria	Good (3)											



Passes 3 or 4 criteria	Moderate (2)										
Passes 2 or fewer criteria	Poor (1)									20	
Note that 'Fairly Good and Fai	irly Poor' condition categories are r	not available for th	is broad	habitat	type.						
uggested enhancement interventions to improve condition score <sup>2</sup>											



## **Condition Assessment Sheets for Veteran trees within Order Limits**

	Condition Sheet: INDIVIDUAL TREES Habitat Type Habitat Types												
Inc	lividual trees – Urban trees lividual trees – Rural trees												
	mplete a condition sheet for	each tree or block of trees.											
	ease see the separate Line bitat type in <u>rural</u> location	of trees condition sheet for a line of $\underline{rural}$ s.	trees.	You sh	ould o	nly use	the Li	ne of ti	ees co	nditio	n asses	ssment	and record that
На	bitat Description												
		applied to the urban or rural environment): neter at breast height whose canopies are not	touchii	ng.									
Gr an	oups or stands of trees (size d canals, and also former fiel	ks and Groups (description applied to the requirement as defined above) within and aro d boundary trees incorporated into developme fland may be assessed within this category.	und the	perime	eter of	urban la	and. Thi minantly	s includ	des tho	se alon inuousl	ıg urbar y. Grou	n streets ps of ur	, highways, railways ban trees that don't
1116	act the descriptions for wood	Within or on the Order Limits		y date yor na		July 20	024 - R	SK					
	site or off-site, site name d location		Surve (if rela	y refer ating to survey	ence a								
			100000000000000000000000000000000000000	at parc	18.00	rence							
Lir	mitations (if applicable)		T82	T84	T107	T108	T136	T138	T267	T320	T370	T501	
			Grid r	eferen	ce								
Co	ndition Assessment Criter												Notes (such as
			Criter	ion pas	ssed (1	es or l	No)						justification)
			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
A	The tree is a native species species).	s a native species (or at least 70% within the block are native											
			Y	Υ	Υ	Y	Υ	Υ	Y	Y	Y	Υ	
В		nantly continuous, with gaps in canopy cover a and no individual gap being >5 m wide											
	(individual trees automatical	ly pass this criterion).											
0.00			Y	Υ	Y	Y	Υ	Y	Y	Υ	Y	Υ	
С	The tree is mature (or more	than 50% within the block are mature)1.											
2 8			N	N	Y	Y	Y	Y	N	N	N	N	
1	There is little or no evidence human activities (such as va	of an adverse impact on tree health by andalism, herbicide or detrimental agricultural											
D	activity). And there is no cur	rent regular pruning regime, so the trees nopy for their age range and height.											
			N	N	Y	Y	Υ	Y	Y	Y	Y	Υ	
E	Natural ecological niches for												
_	such as presence of deadwo												
			Y	Υ	Υ	Y	Υ	Υ	Y	Υ	Υ	Υ	
F	More than 20% of the tree c	anopy area is oversailing vegetation beneath.											
65.	230												
		Number of criteria passed	4	4	6	6	6	6	5	5	5	5	
	ndition Assessment sult (out of 6 criteria)	Condition Assessment Score	Score	Achie	ved ×/	/							
	sses 5 or 6 criteria												



Passes 3 or 4 criteria	Moderate (2)							
Passes 2 or fewer criteria	Poor (1)							
Note that 'Fairly Good and Fa	irly Poor' condition categories are	not available for thi	s broad h	abitat type	i			
Suggested enhancement in	terventions to improve conditio	n score <sup>2</sup>						



C	ondition Sheet: INDIVIDUAL	TDEES Habitat Type											
	bitat Types	. TREES Habitat Type											
	dividual trees – Urban trees												
	dividual trees – Rural trees												
	implete a condition sheet for	each tree or block of trees.											
		-64		v			46-1:-						
	ease see the separate Line bitat type in <u>rural</u> location	of trees condition sheet for a line of <u>rural</u> s.	trees.	rou si	iouia o	nıy use	tne Lin	e or tr	ees co	onaitio	n asse	ssment	and record that
	bitat Description	<del></del>											
la K	ibitat Description												
		applied to the urban or rural environment):											
Yo	ung trees over 7.5 cm in diar	neter at breast height whose canopies are not	t touchi	ng.									
Ur	ban Perimeter / Linear Bloo	ks and Groups (description applied to the	urban	enviro	nment	only):							
Gr	oups or stands of trees (size	requirement as defined above) within and aro	und the	perim	neter of	urban la							
		d boundary trees incorporated into developme	ents. Ca	anopie	s should	d predor	ninantly	overla	ip cont	inuous	ly. Grou	ips of ur	ban trees that don't
ma	atcri trie descriptions for wood	dland may be assessed within this category.  Within or on the Order Limits	C			July 20	24 DC	· / /					
		Within or on the Order Limits		y date		July 20	24 - KS	or.					
	n-site or off-site, site name				rence								
an	d location			ating t									
			wider	surve	y)								
			Habit	at pare	cel refe	rence							
			T426	T699	T754						T		
Li	mitations (if applicable)												
				1	$\perp$			7					
			Grid r	eferer	ice	_			1	1	1	1	
Co	ondition Assessment Criter	ıa									ne.	**	Notes (such as
			Criter	ion pa	ssed (	Yes or N	lo)						justification)
	T		V	TV.	TV.				_	_	_	т —	
			N		'								
Α	The tree is a native species	(or at least 70% within the block are native											
^	species).												
2 - 6			Y	Y	Y					1		1	is .
	The tree canony is predomin	nantly continuous, with gaps in canopy cover											
В		a and no individual gap being >5 m wide											
	(individual trees automatical	lly pass this criterion).											
									y				
			Υ	Υ	N								
_	The tree is seed as (as seed	H 500/											
C	I ne tree is mature (or more	than 50% within the block are mature)1.											
V0			N	Υ	N								Potential old pollard
		of an adverse impact on tree health by											on T699 however tree would still meet
D		andalism, herbicide or detrimental agricultural rent regular pruning regime, so the trees											5 of 6 criteria.
		nopy for their age range and height.											
		100											
			Y	Υ	N								
	Natural application picker for	r vertebrates and invertebrates are present,											
Е		pod, cavities, ivy or loose bark.											
			Υ	Υ	Υ								
0.000													
F	More than 20% of the tree c	anopy area is oversailing vegetation beneath.											
17 1		V	5	6	3				-	1	1	1	
		Number of criteria passed											
	ondition Assessment	Condition Assessment Score	Score	Achie	eved ×/-								
	esult (out of 6 criteria)	Cood (3)											
Pa	sses 5 or 6 criteria	Good (3)		$\perp$									



Passes 3 or 4 criteria	Moderate (2)										
Passes 2 or fewer criteria	Poor (1)									20	
Note that 'Fairly Good and Fai	irly Poor' condition categories are r	not available for th	is broad	habitat	type.						
uggested enhancement interventions to improve condition score <sup>2</sup>											



### River Condition Assessment sheet for Poor condition stretches of Fledborough Beck and Sewer Dyke

Sewer Dyke sections	Site name/loc				, Other rivers and streams, Canals
NA - Other rivers and streams form naturally draining networks within the wider landscape.  (CAR RIVOR Type and Habitat Description for full rivers section (from wakever survey)  N/A - Other rivers and streams.  HE RESUTS OF THE 32 RCA INDICATORS FOR EACH RIVER SECTION SHOULD BE INSERTED BELOW WITH NOTES TO EXPLAIN ORDITION of the section of the sec	one name/ioc	auon.			
NA   Color Program   Na   Co					
N/A - Other rivers and streams.					
RE RESULTS OF THE 32 RCA INDICATORS FOR EACH RIVER SECTION SHOULD BE INSERTED BELOW WITH NOTES TO EXPLAIN CONDITION ASSESSMENT OF CITIENTS.  ANK TOP  Bank top vegetation structure  Bank top water-related features in the structure in the st	CA River Ty	pe and Habitat De	scription for full river s	ection (from walkover s	urvey)
CA INDEX ID   RCA INDEX NAME   Insert values at 10 0 RO   Explain where significant, the influence of the property of the pr			N/A - Othe	er rivers and streams.	
CA INDEX ID   RCA INDEX NAME   Insert values at 10 0 RO   Explain where significant, the influence of the property of the pr	HE BECHITE OF	THE 22 DCA INDICA	TODE FOR EACH DIVER CE	CTION CHOILID BE INCEDED	DELOW WITH NOTES TO EVELAIN
Insert values 4 to 0 R   Co.   Application   Co.   C			TORS FOR EACH RIVER SE		
ANK TOP    Bank top vegetation structure	Official Place	Jessment Oriteria			
Bank top vegetation structure    Bank top vegetation structure   1	CA INDEX ID	RCA INDEX NAME		to 4; Highlight those >2	high/low RCA indices on overall river
2 Sank top tree feature richness 2 2 2 to 3 indicator value 3 Bank top water-related features 0 0   4 Bank top water-related features 0 0   5 Bank top managed ground cover 0 -2   5 Extensive Agriculture - both banks 0   6 Sank top managed ground cover 1   7 Extensive Agriculture - both banks 0   8 Extensive Agriculture - both banks 0   9 Extensive Agriculture - b	ANK TOP				
Sank top tree feature richness   2   2 to 3 indicator value	1	Bank top vegetatio	n structure	1	Short and long grasses present in riparian zones, agricultural encroachment is exten
Sank top water-related features	2	Rank ton tree feats	ro richnoss		2 to 2 indicator value
## Anniversity of the part of	13				E to 5 indicator value
ANK FACE    Bank face riparian vegetation structure   1	4				
Bank face riparian vegetation structure    1				-2	Extensive Agriculture - both banks
Bank face tree feature richness  3 Bank face natural bank profile extent  4 Bank face natural bank profile extent  5 Bank face and bank face from the search of the search	ANK FACE				
Bank face natural bank profile extent  4 Bank face natural bank profile richness 5 Bank face antural bank profile richness 6 Bank face antural bank material richness 7 Bank face artificial bank profile extent 8 Bank face artificial bank profile extent 9 Bank face reinforcement extent 9 Bank face reinforcement material severity 9 Trace and Present extent 1 Trace only 1 Channel margin aquatic morphotype richness 0 Trace only 1 Channel margin physical feature extent 0 Channel margin physical feature extent 1 Department of the present extent 1 Channel margin physical feature extent 2 Channel margin physical feature extent 3 Channel bed margin physical feature extent 4 Channel bed profile features 1 Pipes / outfalls present  HANNEL BED 1 Channel bed free features richness 1 Present 2 Channel bed hydraulic features richness 1 Present 3 Channel bed hydraulic features richness 1 Present 4 Channel bed hydraulic features richness 1 Present 5 Channel bed natural features richness 1 Orden bed reinforcement extent 0 Channel bed reinforcement extent 0 Channel bed reinforcement extent 0 Channel bed reinforcement severity 0 Channel bed profile features severity 0 Channel bed profile features severity 0 Channel bed reinforcement severity					
## Bank face natural bank profile richness   1   Steep sided (cut in)					
Bank face natural bank material richness 0 Presents as grass edged ditch.  Bank face bare sediment extent 0 Rs (Extensive) and Em (Present) * 2 = -17.  Bank face reinforcement extent 0 Bank face reinforcement material severity 0 Bank face reinforcement material severity 0 Bank face reinforcement material severity 0 Bank face NII/PS cover 0 Trace only 1 Channel margin aquatic vegetation extent 1 Trace and Present extent 1 Trace and Present extent 1 Trace only 1 Channel margin aquatic morphotype richness 0 Trace only 1 Channel margin physical feature extent 0 Channel margin physical feature richness 0 Channel margin physical feature richness 0 Channel margin artificial features 1 Pipes / outfalls present 1 Pipes / outfalls present 1 Channel bed richness 1 Present 2 Channel bed richness 1 Present 3 Channel bed richness 1 Present 3 Channel bed hydraulic features richness 1 Present 1 Present 1 Present 1 Channel bed hydraulic features richness 1 Present 1 Present 1 Channel bed shuff features richness 1 Present 1 Channel bed matural features extent 0 Presents as grass edged ditch.  Channel bed silitation 1 Some silitation 1 Some silitation 1 Channel bed material richness 1 Some silitation 1 Channel bed rinforcement exertity 0 Channel bed reinforcement exerti					5
Bank face bare sediment extent  7 Bank face artificial bank profile extent  8 Bank face reinforcement extent  9 Bank face reinforcement textent  10 Bank face reinforcement material severity  10 Bank face Riving comment material severity  11 Channel margin aquatic vegetation extent  12 Channel margin aquatic morphotype richness  13 Channel margin physical feature extent  14 Channel margin physical feature extent  15 Channel margin physical features  16 Channel margin physical features  17 Pipes / outfalls present  18 Channel aquatic morphotype richness  19 Channel aquatic morphotype richness  20 Channel addition morphotype richness  21 Channel bed refeatures richness  22 Channel bed refeatures richness  23 Channel bed natural features sextent  24 Channel bed natural features extents  25 Channel bed natural features extent  26 Channel bed matural features extent  27 Channel bed matural features extent  28 Channel bed reinforcement extent  29 Channel bed reinforcement extent  29 Channel bed reinforcement extent  20 Channel bed reinforcement extent  20 Channel bed reinforcement extent  20 Channel bed reinforcement extent  21 Channel bed reinforcement extent  22 Channel bed reinforcement extent  23 Channel bed reinforcement extent  24 Channel bed reinforcement extent  25 Channel bed reinforcement extent  26 Channel bed reinforcement extent  27 Channel bed reinforcement extent  28 Channel bed reinforcement extent  29 Channel bed reinforcement extent  30 Channel bed reinforcement extent  41 Channel bed reinforcement extent  42 Channel bed reinforcement extent  43 Channel bed reinforcement extent  44 Channel bed reinforcement extent  45 Channel bed reinforcement extent  46 Channel bed reinforcement extent  47 Channel bed reinforcement extent  48 Channel bed reinforcement extent  49 Channel bed reinforcement extent  40 Channel bed reinforcement extent  50 Channel bed reinforcement extent  60 Channel bed reinforcement extent  61 Channel bed reinforcement  61 Channel bed reinforcement  62 Channel bed reinforcement  63 Cha				2 2	
Bank face artificial bank profile extent   -3   Rs (Extensive) and Em (Present) * 2 = -17.					Presents as grass edged ditch.
8 Bonk face reinforcement extent 10 Bonk face reinforcement material severity 10 Bonk face NIPS cover 11 Channel margin aquatic wegetation extent 11 Trace and Present extent 12 Channel margin aquatic wegetation extent 13 Channel margin physical feature extent 14 Channel margin physical feature extent 15 Channel margin physical feature extent 16 Channel margin physical feature extent 17 Pipes / outfalls present 18 Channel margin physical feature extent 19 Channel aquatic morphotype richness 10 Present 10 Channel aquatic morphotype richness 11 Present 11 Channel bed tree features richness 12 Channel bed ree features richness 13 Channel bed hydraulic features extent 10 Presents as grass edged ditch. 10 Channel bed natural features extent 10 Presents as grass edged ditch. 11 Channel bed material richness 10 Presents as grass edged ditch. 11 Channel bed reinforcement extent 10 Channel bed rificial features exerify 10 Channel bed filamentous algae extent 11 Channel bed NIPS extent 12 Channel bed filamentous algae extent 13 Channel bed filamentous algae extent 14 Overview of RCA and river section assessment 15 The RCA FINAL CLASS WODIFIED? 16 Yes, what supporting evidence is provided? 16 Is THE RCA FINAL CLASS MODIFIED? 17 Yes, why and what supporting evidence is provided?					Pr (Evtonsiva) and Em (Procent) * 2 = 17
Bank face reinforcement material severity   0				0.500.50	ns (Extensive) and Em (Fresent) 2 = -172
## ANNEL MARGIN    Channel margin aquatic vegetation extent   1   Trace and Present extent					
Channel margin aquatic vegetation extent Channel margin aquatic morphotype richness Channel margin physical feature extent Channel margin physical feature extent Channel margin physical feature sichness Channel margin physical feature sichness Channel margin aquatic morphotype richness Channel margin aquatic morphotype richness Channel margin aquatic morphotype richness Channel bed tree features richness Channel bed tree features richness Channel bed natural features richness Channel bed retire of the situation Channel bed siluation Channel bed siluation Channel bed reinforcement extent Channel bed reinforcement extent Channel bed reinforcement extent Channel bed artificial features severity Channel bed artificial features severity Channel bed riflord features severity Channel bed					
Channel margin aquatic morphotype richness Channel margin physical feature extent Channel margin physical feature richness Channel margin physical feature richness Channel margin physical feature settent Channel margin physical feature settent Channel aquatic morphotype richness Channel aquatic morphotype richness Channel bed tree features richness Channel bed hydraulic features richness Channel bed natural features richness Channel bed natural features extent Channel bed natural features richness Channel bed natural features with the settent Channel bed reinforcement extent Channel bed reinforcement extent Channel bed reinforcement extent Channel bed reinforcement severity Channel bed artificial features severity Channel bed richnel bed richnel bed reinforcement severity Channel bed richnel bed ric					
Channel margin physical feature extent  4 Channel margin physical feature richness 5 Channel margin physical features  1 Channel aquatic morphotype richness 2 Channel bed true features richness 3 Trace of various vegetation types  1 Present 3 Channel bed hydraulic features richness 0 Presents as grass edged ditch.  4 Channel bed natural features extent 5 Channel bed natural features richness 0 Presents as grass edged ditch.  5 Channel bed natural features extent 6 Channel bed matural features extent 7 Channel bed material richness 1 Dome siltation 8 Channel bed reinforcement extent 9 Channel bed reinforcement extent 9 Channel bed reinforcement extent 9 Channel bed reinforcement extent 10 Channel bed reinforcement extent 10 Channel bed reinforcement severity 10 Channel bed rillation features severity 11 Channel bed NINIPS extent 12 Channel bed filamentous algae extent 13 Overview of RCA and river section assessment 15 the river channel 16 OVERDEEP? If yes, what supporting evidence is provided? 16 Is THE RCA FINAL CLASS MODIFIED? 17 If yes, why and what supporting evidence is provided?	1	Channel margin aq	uatic vegetation extent	1	Trace and Present extent
Channel margin physical feature richness Channel margin artificial features  HANNEL BED  Channel aquatic morphotype richness Channel bed tree features richness Channel bed hatural features richness Channel bed natural features richness Channel bed natural features richness Channel bed natural features richness Channel bed siltation Channel bed reinforcement extent Channel bed richnorcement extent Channel bed artificial features severity Channel bed artificial features severity Channel bed richnorcement extent Channel bed richnorcement extent Channel bed richnorcement extent Channel bed richnorcement extent Channel bed rithficial features severity Channel bed rithficial features richness Channel bed rithficial features severity Channel bed rithficial features		Channel margin aq	uatic morphotype richness	0	Trace only
Channel margin artificial features   -1   Pipes / outfalls present					94
Channel aquatic morphotype richness   3   Trace of various vegetation types	4				
Channel aquatic morphotype richness Channel bed tree features richness Channel bed hydraulic features richness Channel bed hydraulic features richness Channel bed hydraulic features richness Channel bed natural features richness Channel bed natural features richness Channel bed natural features richness Channel bed siltation Channel bed siltation Channel bed siltation Channel bed reinforcement extent Channel bed reinforcement extent Channel bed artificial features severity Channel bed artificial features severity Channel bed richforcement severity Channel bed richforcement severity Channel bed richforcement severity Channel bed richford features severity Channel bed filmentous algae extent Channel bed filmentous algae extent Overview of RCA and river section assessment Coverview of RCA and riv			ificial features	-1	Pipes / outfalls present
2 Channel bed tree features richness 1 Present 3 Channel bed hydraulic features richness 0 Presents as grass edged ditch. 4 Channel bed natural features extent 0 Channel bed natural features richness 0 Channel bed natural features richness 1 Some siltation 1 Channel bed siltation 1 Some siltation 1 Some siltation 1 Some siltation 2 Channel bed reinforcement extent 1 Some siltation 2 Channel bed reinforcement extent 2 Channel bed reinforcement severity 0 Channel bed nitificial features severity 0 Channel bed nitificial features severity 1 Channel bed filomentous algae extent 2 Channel bed filomentous algae extent 1 Channel bed filomentous algae extent 2 Channel bed filomentous algae extent 2 Channel bed filomentous algae extent 3 Channel bed filomentous al		T	and the same of the same	1 2	T
Channel bed hydraulic features richness  Channel bed natural features extent  Channel bed natural features extent  Channel bed natural features extent  Channel bed matural features extent  Channel bed siltation  Channel bed siltation  Channel bed reinforcement extent  Channel bed reinforcement extent  Channel bed reinforcement severity  Channel bed reinforcement severity  Channel bed rifficial features severity  Channel bed filting features severity  Channel bed rifficial features severity  Channel bed filting features severity  Channel bed filting features severity  Channel bed rifficial features severity  Channel bed filting features severity  Channel bed rifficial features severity  Channel bed reinforcement extent  Channel bed reinforcement severity  Channel bed reinf					
4 Channel bed natural features extent 5 Channel bed natural features richness 6 Channel bed material richness 7 Channel bed siltation 8 Channel bed reinforcement extent 9 Channel bed reinforcement severity 10 Channel bed artificial features severity 11 Channel bed artificial features severity 12 Channel bed siltation 13 Channel bed nilpical features severity 14 Channel bed NNIPS extent 15 Channel bed NNIPS extent 16 Channel bed filamentous algae extent 17 Overview of RCA and river section assessment 18 Siver Type and class bands: 19 Channel bed siltation 10 Channel bed siltation 11 Channel bed filamentous algae extent 12 Channel bed filamentous algae extent 13 Channel bed filamentous algae extent 14 Coverview of RCA and river section assessment 18 Siver Type and class bands: 19 Channel bed siltation 20 Channel bed siltation 21 Channel bed reinforcement severity 22 Channel bed artificial features severity 23 Channel bed reinforcement severity 24 Channel bed reinforcement severity 25 Channel bed reinforcement severity 26 Channel bed reinforcement severity 27 Channel bed reinforcement severity 28 Channel bed reinforcement severity 38 Channel bed reinforcement severity 39 Channel bed reinforcement severity 40 Channel bed reinforceme					
Channel bed material richness  7 Channel bed siltation  8 Channel bed reinforcement extent  9 Channel bed reinforcement severity  10 Channel bed artificial features severity  11 Channel bed number of the process of t					Tresente de Brass de Bear arten
7 Channel bed siltation 8 Channel bed reinforcement extent 9 Channel bed reinforcement severity 10 Channel bed reinforcement severity 11 Channel bed NINIPS extent 12 Channel bed filamentous algae extent Overview of RCA and river section assessment 12 Condition Assessment RELIMINARY SCORE:  N/A  Siver Shape index:  N/A  N/A  STREET Type and class bands:  Is the river channel OVERDEEP? If yes, what supporting evidence is provided?  STREET TYPE AND CLASS MODIFIED?  IS THE RCA FINAL CLASS MODIFIED?  If yes, why and what supporting evidence is provided?	5			0	
Channel bed reinforcement extent   0   0   0   0   0   0   0   0   0	6	Channel bed mater	ial richness	1	
Channel bed reinforcement severity 0 Channel bed artificial features severity 0 Channel bed artificial features severity 0 Channel bed artificial features severity 0 Channel bed filomentous algae extent 0 Coverview of RCA and river section assessment RELIMINARY SCORE:  Overview of RCA and river section assessment RELIMINARY SCORE:  Is the river channel OVERDEEP? If yes, what supporting evidence is provided?  IS THE RCA FINAL CLASS MODIFIED? If yes, why and what supporting evidence is provided?	7	Channel bed siltation	on	-1	Some siltation
Channel bed artificial features severity   0					
Channel bed NNIPS extent   0   1   1   1   1   1   1   1   1   1					
Channel bed filamentous algae extent					
Overview of RCA and river section assessment  RELIMINARY SCORE:  0.065 - Poor River Type and class bands:  Other Rivers and Streams  Is the river channel OVERDEEP? If yes, what supporting evidence is provided?  IS THE RCA FINAL CLASS MODIFIED?  If yes, why and what supporting evidence is provided?					
iver Condition Assessment RELIMINARY SCORE:    N/A     Steep Five   St	12	Channel bea Jilame			nent
Is the river channel OVERDEEP? If yes, what supporting evidence is provided?  IS THE RCA FINAL CLASS MODIFIED? If yes, why and what supporting evidence is provided?	iver Conditio	n Assessment			
iver Shape index:  N/A  OVERDEEP? If yes, what supporting evidence is provided?  IS THE RCA FINAL CLASS MODIFIED?  If yes, why and what supporting evidence is provided?	RELIMINARY	SCORE:	0.065 - Poor		Other Rivers and Streams
iver Condition Assessment INAL CLASS:  Poor  If yes, why and what supporting evidence is provided?	liver Shape in	dex:	N/A	OVERDEEP? If yes, what supporting	Restructured to convey water acrost landscape.
ummary of RCA results (and Encroachment where applicable) with recommendations for improvements	iver Conditio INAL CLASS:	n Assessment	Poor	MODIFIED ?  If yes, why and what supporting evidence is	
	ummary of F	RCA results (and I	Encroachment where a	pplicable) with recomme	ndations for improvements

River Condition Assessment Sheets for Moderate Condition Fledborough Beck



River Condition	n Assesement (E	CA) + Encroachment	esults for Priority rivers	, Other rivers and streams, Canals
Site name/loc		Fledborough Beck	Unique river section	, Other rivers and streams, Canais
CDC of MaDD	hE midnaint		reference:	
GPS of MoRP		L / draining networks withi	River section length:	
			section (from walkover s	urvev)
		N/A - Otne	r rivers and streams.	
		TORS FOR EACH RIVER SE		D BELOW WITH NOTES TO EXPLAIN
Condition Ass	essment Criteria	ĵ	RCA Index values	Notes / Justification
	RCA INDEX NAME		Insert values -4 to 0 OR 0 to 4; Highlight those >2 OR <-2	Explain where significant, the influence high/low RCA indices on overall river condition
BANK TOP			,	-
31	Bank top vegetation		2	Grasses, reed, scrub and trees recorded on separate banks
32	Bank top tree featu		3	
33	Bank top water-rela		0	
34	Bank top NNIPS cov		0	
35	Bank top managed	ground cover	-3	Extensive agriculture both banks dominant and sub-dominant
BANK FACE			p	
11		regetation structure	1	
22	Bank face tree feati		1	
3	Bank face natural b		0	
C4 C5	Bank face natural b	ank profile richness ank material richness	0	
26	Bank face natural b Bank face bare sedi		1	
7	Bank face artificial		-4	Resectioned / reprofiled extensive.
28	Bank face reinforce		0	resectioned / reprofiled extensive.
29		ment material severity	0	
10	Bank face NNIPS co		0	
CHANNEL MAR	RGIN			
01	Channel margin aqu	atic vegetation extent	1	Trace and Present extent
02		uatic morphotype richness	1	Present
03		sical feature extent	0	
04		sical feature richness	0	
05 CHANNEL BED	Channel margin art	ificial features	-1	
1	Channel aquatic mo	orphotype richness	2	
2	Channel bed tree fe	atures richness	1	Present
3		ulic features richness	0	
4	Channel bed natura		0	
E5	Channel bed natura		0	
6	Channel bed mater		1 -1	Silt
8	Channel bed siltation		-1	Evident in patches
9	Channel bed reinfor Channel bed reinfor		0	
10	Channel bed reinfor Channel bed artifici		0	
11	Channel bed NNIPS		0	
12	Channel bed filame		0	
	, , , , , , , , , , , , , , , , , , , ,		nd river section assessr	ment
River Condition		0.1	River Type and class bands:	Other Rivers and Streams
River Shape in		N/A	Is the river channel OVERDEEP? If yes, what supporting evidence is provided?	Yes - straightened. Though precautionarily considered moderat
River Condition	n Assessment	On cusp of Fairly Poor / Moderate. Considered Moderate representing worst case.	IS THE RCA FINAL CLASS MODIFIED ? If yes, why and what supporting evidence is provided?	No
		Encroachment where a entions to improve the		ndations for improvements



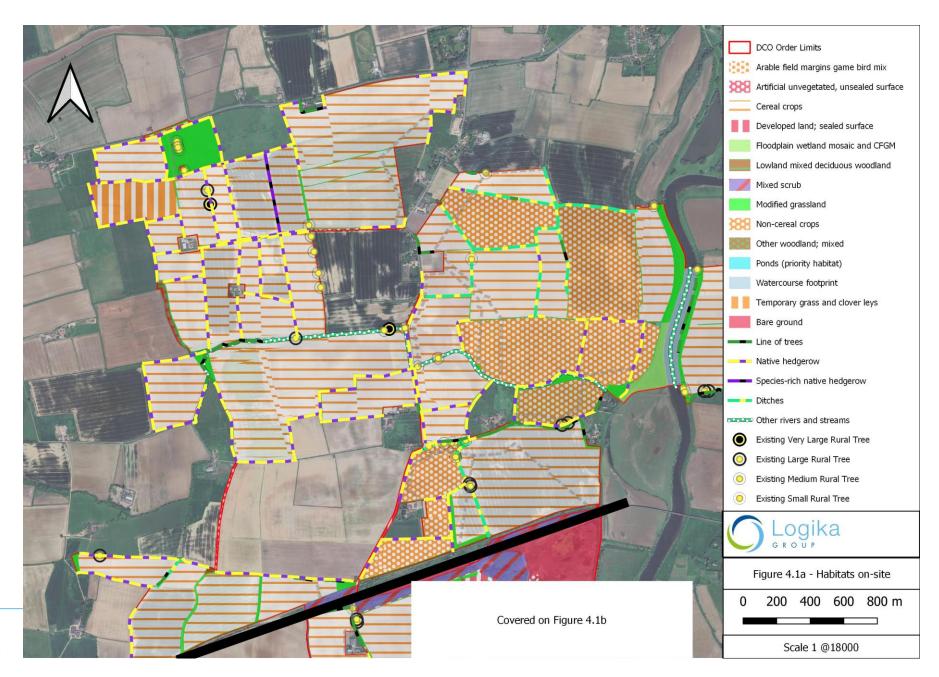
## **River Condition Assessment for River Trent**

Site name/loc	on Assessment (F	RCA) + Encroachment River Trent	results for: Priority river Unique river section	s, Other rivers and streams, Canals
		River Hellt	reference:	
	h5 midpoint	. doctors a stronger	River section length:	
		y draining networks with	section (from walkover	euryayl
CA River Ty	rpe and nabitat De	escription for full river	Section (Ironi walkover)	survey)
		N/A - Othe	er rivers and streams.	
THE RESULTS O	F THE 32 RCA INDICA	ATORS FOR EACH RIVER S	ECTION SHOULD BE INSERTI	ED BELOW WITH NOTES TO EXPLAIN
	sessment Criteria		RCA Index values	Notes / Justification
RCA INDEX ID	RCA INDEX NAME		Insert values -4 to 0 OR 0 to 4; Highlight those >2 OR <-2	Explain where significant, the influence of high/low RCA indices on overall river condition
BANK TOP	1		- LOK - L	Containon
31	Bank top vegetation	n structure	3	Grasses, Reed, scrub and trees - both bank
32	Bank top tree featu	re richness	2	2 to 3 indicator value
33	Bank top water-rela		0	
34	Bank top NNIPS cov		0	
35	Bank top managed			Permanently vegetated pasture on one
		The state of the s	-1	bank.
BANK FACE	I	AND THE PROPERTY OF THE PROPER	т	
1		vegetation structure	2	
C2	Bank face tree feat Bank face natural b		2	
C3			0	
C4 C5		ank profile richness ank material richness	1	
06	Bank face hatural b		1	
C7	Bank face artificial		-2	Embanked
28	Bank face reinforce		0	Ellipaliked
29		ment material severity	0	
C10	Bank face NNIPS co		0	
CHANNEL MA		74.7		
01		uatic vegetation extent	1	Trace and Present extent
02	Channel margin aqu		1	Present
03		ysical feature extent	1	
04		ysical feature richness	1	
D5	Channel margin art	ificial features	0	
CHANNEL BEI	0			
1	Channel aquatic me		0	Unable to assess - deep water
2	Channel bed tree fe		1	Present
3		ulic features richness	0	
E4	Channel bed natura		0	
E5 E6	Channel bed natura			
E7	Channel bed mater		2 0	Assumed silt and larger sediment  Not observed
8	Channel bed reinfor		0	Not observed
9	Channel bed reinfor		0	
10	Channel bed artifica		0	
E11	Channel bed NNIPS		0	
E12	Channel bed filame		0	
	, , , , , , , , , , , , , , , , , , , ,		and river section assess	ment
River Condition	n Assessment		River Type and class	
PRELIMINARY	SCORE:	0.7 - Fairly good	bands:	Other Rivers and Streams
River Shape ir		N/A	Is the river channel OVERDEEP? If yes, what supporting evidence is provided?	Yes - embanked to allow navigation b large vessels.
River Condition	on Assessment	Fairly good - classed as Good	IS THE RCA FINAL CLASS MODIFIED ? If yes, why and what supporting evidence is provided?	No
				endations for improvements

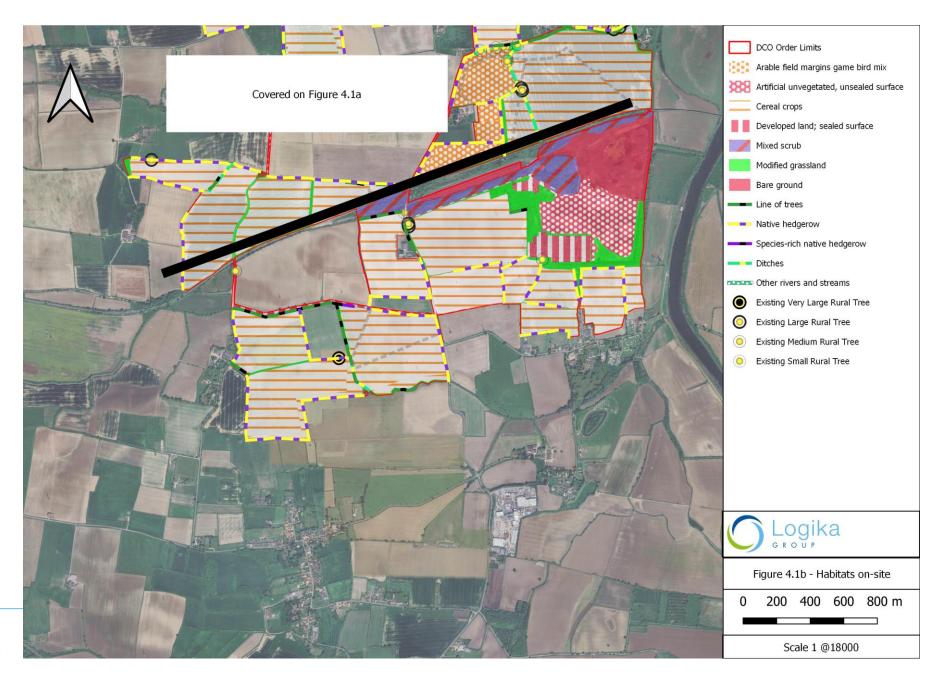


# A2 Further habitat figures

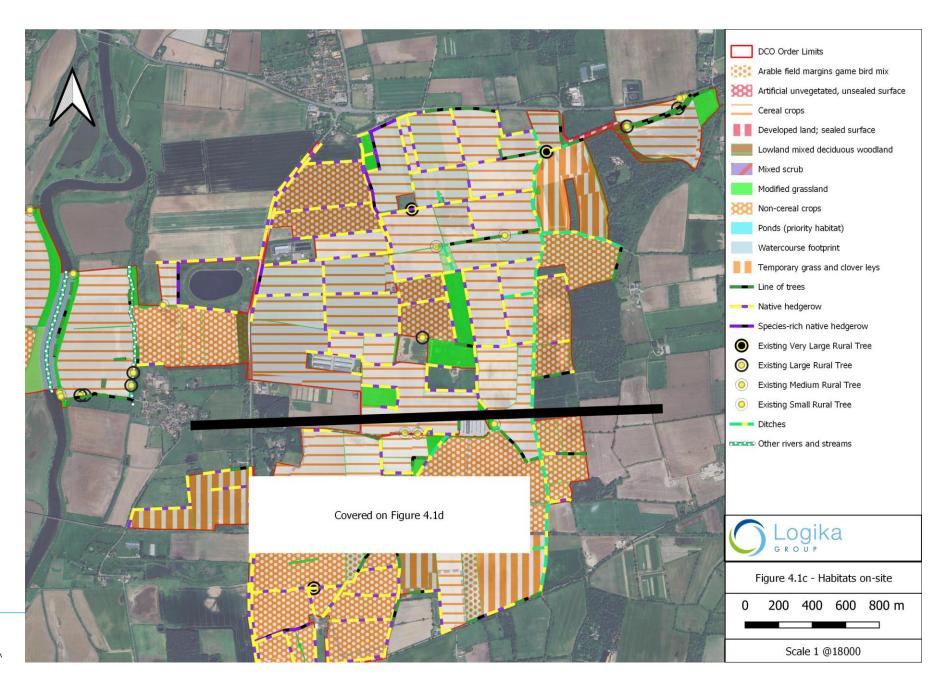




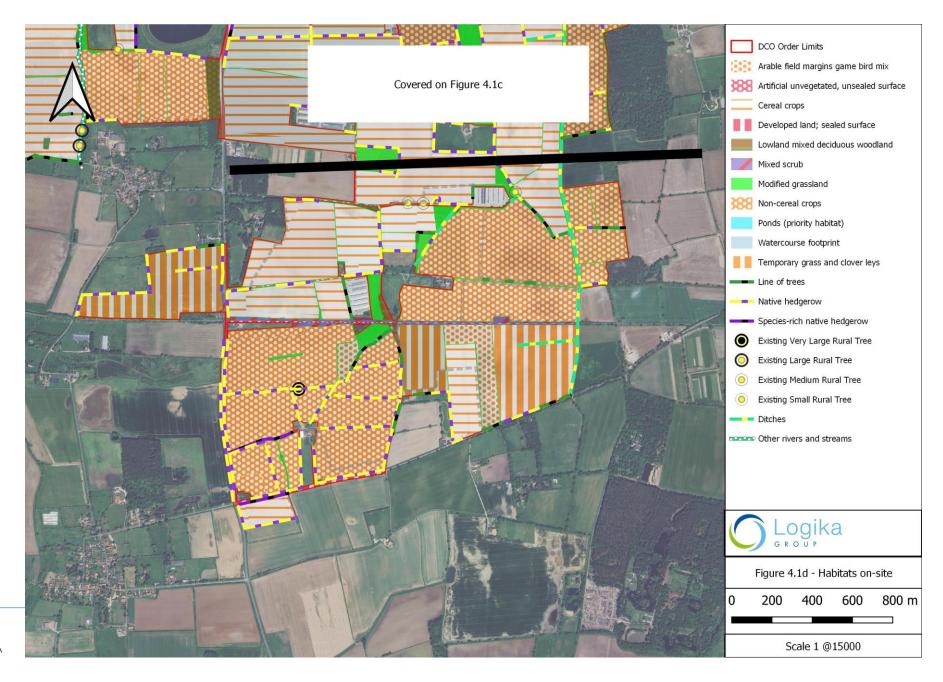




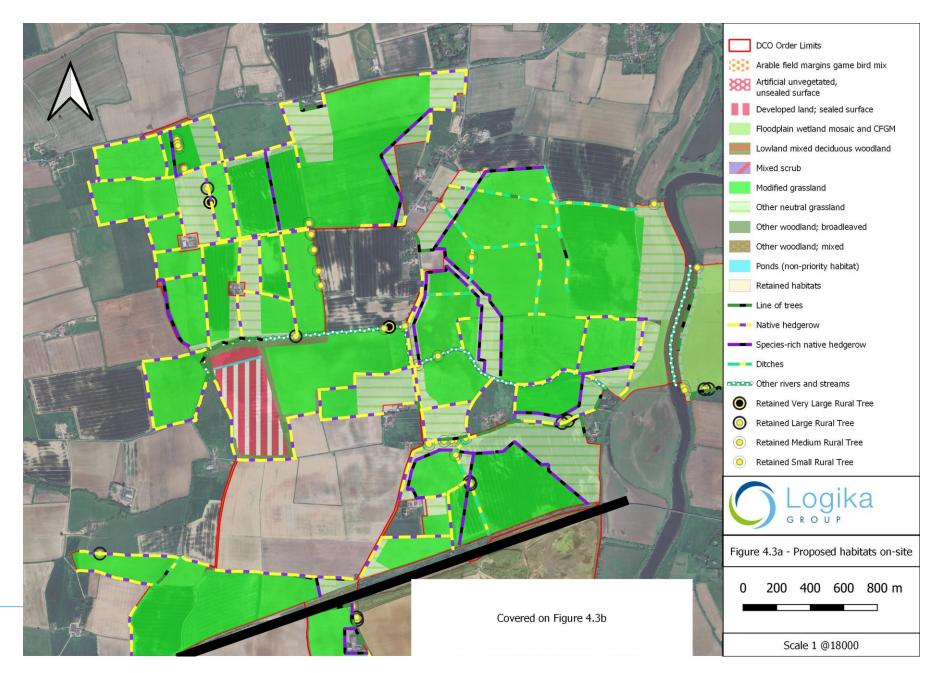




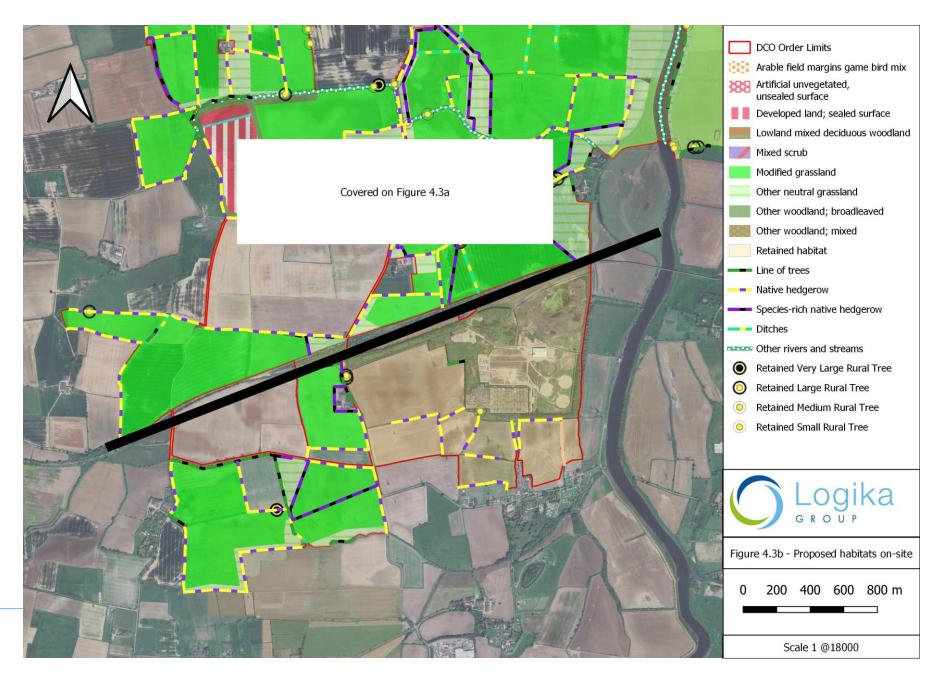




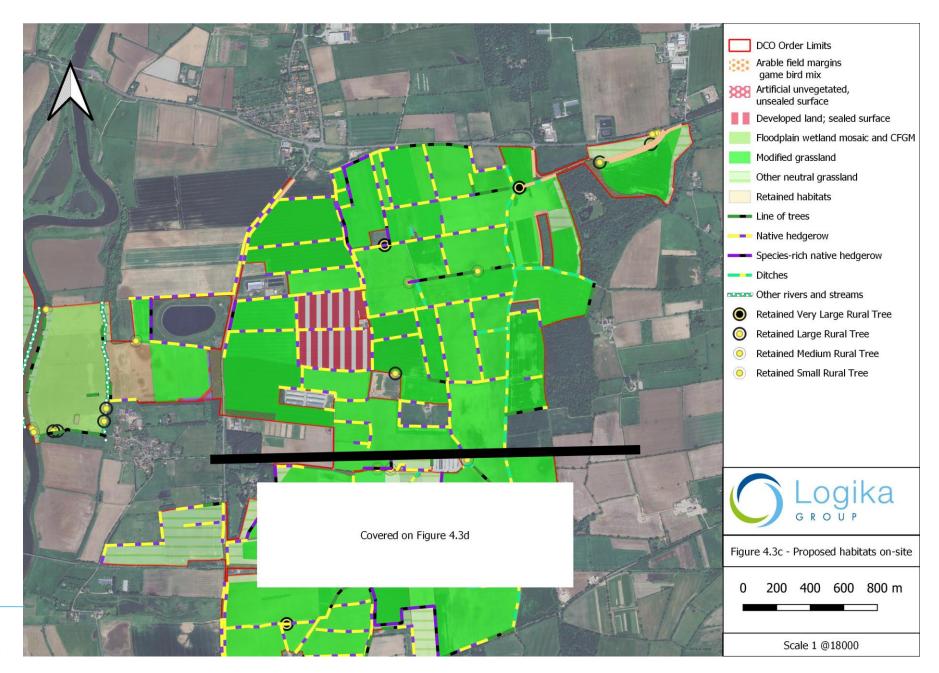




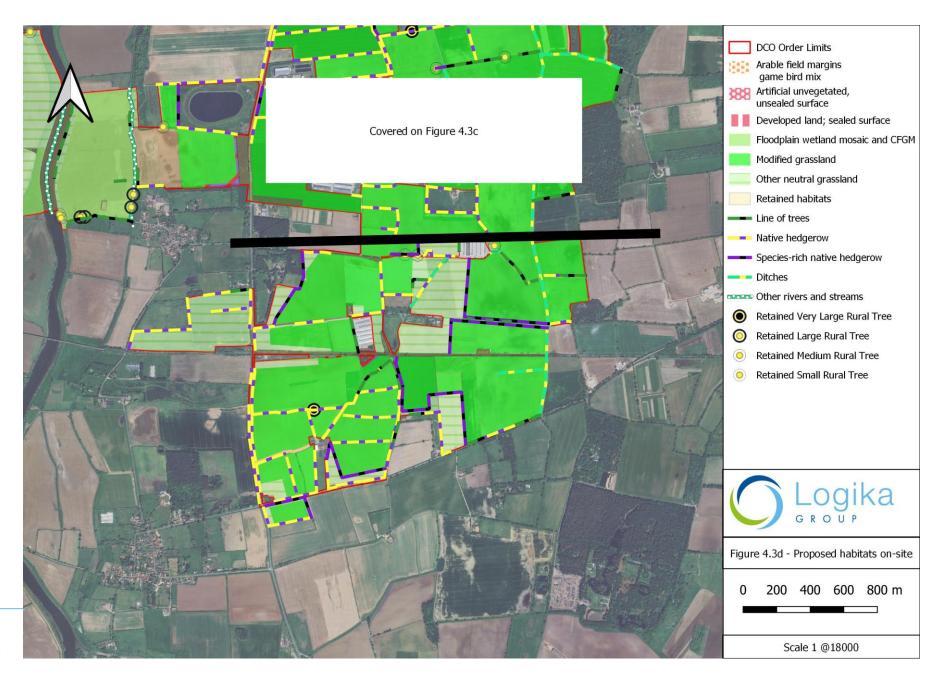














# A3 Statutory Biodiversity Metric Workbook

FINAL RESULTS		
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	3439.80
	Hedgerow units	363.34
	Watercourse units	87.57
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	112.88%
	Hedgerow units	92.64%
	Watercourse units	63.61%
Trading rules satisfied?	Yes√	



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