

Appendix 11.5: Hedgerows Regulations Assessment



THE
ENVIRONMENT
PARTNERSHIP



LAND NORTH OF BRYN LANE WREXHAM HEDGEROWS REGULATIONS ASSESSMENT

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APPENDIX A: Hedgerow Survey Data

DRAWINGS

DRAWINGS

Drawing 1: Hedgerow Plan G9134.019A

1.0 Introduction

1.1 TEP was commissioned in October 2021 by Net World Sports to undertake a Hedgerows Regulations Assessment of hedgerows within land known as Land north of Bryn Lane, Wrexham (hereafter referred to as 'the site'). Ecological surveys are required to support an Environmental Statement that will inform proposals for a commercial development.

1.2 The Proposed Scheme is in the form of a hybrid planning application. The detailed component of the proposed development comprises:

- *Demolition of all existing buildings, site clearance and preparation works, including removal of vegetation and reprofiling of topsoil, where necessary;*
- *Construction of a new warehouse unit (53.95 m above ordnance datum (AOD)), providing 33,595 sqm gross external area (GEA) of floorspace for B1c (light industry appropriate in a residential area), B2 (general industrial) and/or B8 (storage & distribution) uses (referred to as Unit 2);*
- *Construction of eight new smaller to medium size industrial units (ranging between up to 45.20 m AOD and 52.98 m AOD; referred to as Units 3-7; and 12-16), providing a total of 29,659 sqm GEA of floorspace for B1c (light industry appropriate in a residential area), B2 (general industrial) and/or B8 (storage & distribution) uses;*
- *Access and parking provision, including new access junctions, internal roads, service yards and car and HGV parking. Two new junctions are proposed providing vehicular access, as well as cycle and pedestrian access, from Bryn Lane/Industrial Estate Road with an additional access road for a substation. 592 car parking spaces (32 accessible spaces) and 138 HGV spaces are proposed within the detailed component;*
- *Retention and enhancements of some existing on-site green spaces and provision of landscaping around the detailed component of the application site; and*
- *Implementation of drainage/attenuation measures and ancillary infrastructure, including substation and pumping station.*

1.3 The outline component of the proposed development comprises:

- *Construction of new buildings, up to 59.80 m AOD (28.5 m above ground level) in height, collectively providing up to 72,635 sqm GEA of floorspace for B1c (light industry appropriate in a residential area), B2 (general industrial) and B8 (storage & distribution) uses, as well as potential ancillary retail/drive thru facilities, a hotel and a petrol filling station (A1, A3, C1 or sui generis). The overall quantum of A1, A3, C1 and/or sui generis use floorspace would not exceed 16,150sqm GEA;*
- *Access and parking provision, including internal roads, service yards and car and HGV parking. Up to 908 car parking spaces and up to 138 HGV trailer spaces and HGV lorry spaces are proposed across the application site;*
- *Retention and enhancements of some existing on-site green spaces and provision of landscaping around the application site; and*

- *Implementation of drainage/attenuation measures.*

Site Description

- 1.4 The site (central grid reference SJ 38614 51101) is approximately 37.21 ha in size and is located to the east of Wrexham in North Wales.
- 1.5 The site is bounded to the south by Bryn Lane and Wrexham Industrial Estate, to the north by Francis Lane, to the west by both Industrial Estate Road and Hugmore Lane (with associated residential properties), and to the east by open agricultural fields. The wider area predominantly comprises urban development to the west associated with Wrexham town centre, with open countryside present to the north and east and the industrial estate to the south.
- 1.6 The extent of the area covered by the ecological assessment is represented by the red line boundary in the site location plan (Figure 1).

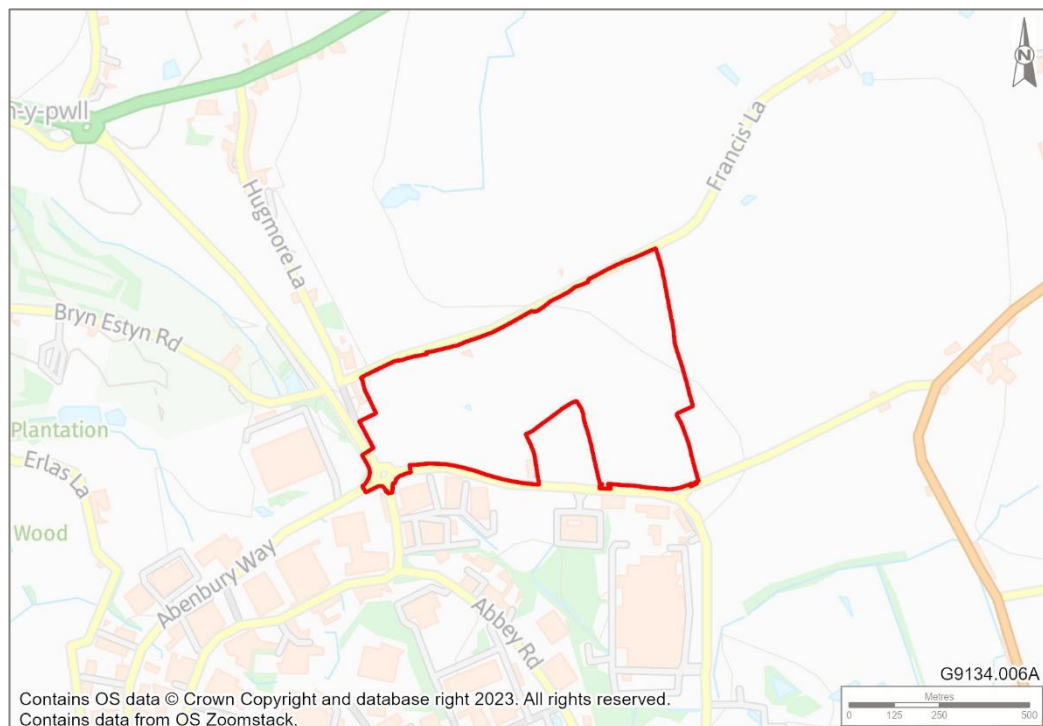


Figure 1 Location plan

- 1.7 The site contains a number of hedgerows, which form boundaries of fields present on site.
- 1.8 Under the Hedgerows Regulations (1997) it is against the law, with certain exceptions, to remove or destroy "important" hedgerows without permission from the local planning authority. 'Important' hedgerows are those that meet certain criteria, as set out in the regulations.

- 1.9 This document reports the findings of the assessment, which records the features and species associated with each hedgerow to assess whether any qualify as being "Important" under the wildlife and landscape criteria outlined in the Hedgerows Regulations (1997). For clarity, the scope of the survey and assessment does not cover the archaeology and history criteria set out in the Hedgerows Regulations, which has been assessed by a separate report, submitted as part of this hybrid planning application.

2.0 Methods

- 2.1 The Hedgerow Assessment survey was undertaken by TEP ecologist Alun Evans MCIEEM on 12th and 23rd August 2022.
- 2.2 The hedgerows were subject to a detailed sampling survey in accordance with the criteria set out in the Hedgerows Regulations (1997) in terms of wildlife and landscape criteria for determining “important” hedgerows. The hedgerows included in the survey were those with at least four woody species i.e. the minimum number of woody species required for hedgerows to be classified as “important” and/or contained the presence of species in Part II of Schedule 1 of the Regulations, such as the presence of Schedule 8 protected plant species.
- 2.3 The survey entailed recording the number of woody species (as listed on Schedule 3 of the Hedgerows Regulations) within 30m sample sections as well as any features within 2m associated with the hedge. These features include the presence of any bank or wall, ditch, standard trees and ground flora species (as listed on Schedule 2 of the Hedgerows Regulations). Also, the number of connections with adjacent hedgerows was recorded. Hedgerow target notes were made on standard data recording forms. For each hedgerow this included a hedgerow identification number, description of the hedge and detailed plant species list.
- 2.4 For the purposes of this assessment a hedgerow is defined as a boundary line of native shrubs or a mix of native shrubs and trees over 20m long and less than 5m wide, and where any gaps between the trees or shrub species are less than 20m wide. Any bank, wall, ditch or tree within 2m of the centre of the hedgerow is considered to be part of the hedgerow habitat, as is the herbaceous vegetation within 2m of the centre of the hedgerow. Only hedgerows consisting predominantly (80% or more cover) of at least one woody UK native species (listed on Schedule 3 of the Hedgerows Regulations) are considered to be native and covered by this assessment.
- 2.5 The above definition of a hedgerow is largely based on the Section 7 (S7) of the Environment (Wales) Act 2016 Act definition of a hedgerow, but it also takes into account details from the Hedgerows Regulations 1997 and Handbook for Phase 1 Habitat survey (JNCC 2010) in order to ensure all hedgerow features considered native are assessed.
- 2.6 Further factors which are considered during this assessment include the proximity of public by-ways and footpaths, parallel hedgerows, semi-natural woodland and ponds. The presence of these features adjacent to a hedgerow increases the likelihood that it could qualify as “important”.
- 2.7 In addition, presence of or field signs of any legally protected species or species which are listed on Section 7 (S7) of the Environment (Wales) Act 2016 were mapped and noted. This includes species which form part of Schedules 1, 5 & 8 of the Wildlife and Countryside Act (WCA), as amended (1981).

- 2.8 A link to wildlife and landscape criteria for determining “important” hedgerows under the Hedgerows Regulations 1997 is given below:

<http://www.legislation.gov.uk/ukxi/1997/1160/schedule/1/made>

Planning Policy

Statutory Development Plan

- 2.9 The statutory development plan for Wrexham County Borough Council (WCBC) comprises the Unitary Development Plan (UDP, adopted 2005) which covers the plan period 1996-2011.

- 2.10 Relevant policies of the UDP comprise:

- Policy PS11 - Encouragement will be given to proposals which improve the biodiversity value of sites and to the establishment of local nature reserves where the nature conservation and landscape interest of the land will be protected and enhanced
- Policy EC4 - Development proposals should provide for the conservation and management of hedgerows, trees, orchards, woodland, wildlife and other natural landscape and water features, and include new planting in order to enhance the character of the landscape and townscape. Development which results in the loss or significant damage to valuable trees, important hedgerows or ancient woodland sites will not be permitted
- -Policy EC6 - Development either within or close to sites of biodiversity interest will only be permitted where it can be clearly demonstrated that the need for the development outweighs the need to safeguard the intrinsic nature conservation value of the site. Where such development is permitted, damage should be kept to a minimum, and compensatory measures should be provided. Measures to improve the biodiversity value of sites and enhance their natural conservation interest and landscape quality including the establishment of local nature reserves, will be supported

Other Material Considerations

- 2.11 Of relevance to this report, Planning Policy Wales states that Development plan strategies, policies and development proposals must consider the need to:

- support the conservation of biodiversity, in particular the conservation of wildlife and habitats; •
- ensure action in Wales contributes to meeting international responsibilities and obligations for biodiversity and habitats;
- ensure statutorily and non-statutorily designated sites are properly protected and managed;
- safeguard protected and priority species and existing biodiversity assets from impacts which directly affect their nature conservation interests and compromise the resilience of ecological networks and the components which underpin them, such as water and soil, including peat; and

- secure enhancement of and improvements to ecosystem resilience by improving diversity, condition, extent and connectivity of ecological networks.

2.12 In addition, Technical Advice Note (TAN) 5 states that:

- The potential effects of a development on habitats or species listed as priorities in the UK Biodiversity Action Plan (BAP), habitats or species listed by the Assembly Government as of principal importance for the purposes of conserving biological diversity and by local biodiversity partnerships are capable of being a material consideration in the preparation of local development plans and in making planning decision

2.13 WCBC are preparing a Local Development Plan (LDP) which will replace the current adopted Unitary Development Plan. The LDP is a land use plan that sets out the planning requirements for achieving sustainable development in the Borough over the period 2013-2028. WCBC has decided not to adopt the plan at this stage, however it remains a material consideration with significant weight, as it has been found sound by a Planning Inspector

2.14 Relevant policies of the Local Development Plan comprise:

- Draft Policy SP15 Natural Environment - Development will only be permitted where it seeks to protect, conserve, and enhance the natural environment including internationally, nationally and local designated sites, protected species and their habitats, natural landscape features such as trees, hedges, and woodland and the green networks between them which contribute to the quality and diversity of the natural environment (inter alia).

Limitations

2.15 The survey was undertaken outside of the optimal period for hedgerow ground flora survey (April - May). Furthermore the dense woody growth at the base of many hedgerows limited observation of ground flora. It is therefore possible that ground flora, notably Schedule 8 protected plant species (*Hyacinthoides non-scripta* Bluebell) could have been missed.

3.0 Results

- 3.1 The hedgerows surveyed, assessed and mapped as a result of this hedgerow assessment are illustrated in Drawing G9134.019A. The survey results including species composition and details of further sampling (if identified as having potential importance) are provided in Appendix 1.
- 3.2 A total of 29 hedgerows within the site were identified as requiring survey following the Hedgerows Regulations method in order to ascertain whether any qualify as “important”.
- 3.3 Two hedgerows H12 and H15 within the site were found to have sufficient species diversity and associated features, to qualify as “important” under the Hedgerows Regulations in terms of the wildlife and landscape criteria. H12 H15 are located in the east of the site.
- 3.4 Currently, no Wildlife & Countryside Act 1981 species, Schedule 1 birds or Schedule 5 bat species use any of the mature trees within the hedgerows as nest or roost sites. A number of the trees have been identified as having the potential to support bat roosts.
- 3.5 Should any nest or roost sites be confirmed in trees associated with hedgerows in the future, then the hedgerows in which they are located would be categorised as “important”. It should also be noted that since the use of nest or roost sites can change within and between years, hedgerows can be classed as ‘important’ even if one of these species is not currently using a known nest or roost site.

4.0 Conclusions

- 4.1 Two of the hedgerows surveyed have been assessed to qualify as “important” under the Hedgerows Regulations 1997 under the wildlife and landscape criteria. Additional hedgerows may also qualify under the historical or archaeological criteria which has been assessed as part of this hybrid planning application.
- 4.2 All native hedgerows over 20m in length also qualify as S7 habitat. Native hedgerows provide foraging, commuting and refuge habitat for a range of faunal species, including protected species, and form part of a network of hedgerows across the wider landscape. As such, the native hedges within the site are considered to have local importance within the landscape.

5.0 Recommendations

- 5.1 It is considered that the hedgerows present within the site do not preclude development. However a number of potential ecological constraints require further consideration so as to ensure that the development does not result in either an offence being committed in respect of protected species or a net loss of biodiversity interest.
- 5.2 Under the Hedgerows Regulations 1997 it is against the law, with certain exceptions, to remove or destroy 'important' hedgerows without permission from the local planning authority.
- 5.3 In line with Planning Policy Wales 11 (2021) and local plan policies (PS11, EC4, EC6) development should protect or enhance biodiversity¹. Section 6 of the Environment (Wales) Act 2016 requires public authorities to maintain and enhance biodiversity.
- 5.4 The impacts of the proposed development and proposed mitigation are assessed in the accompanying ES Chapter (TEP Report Ref: 9134.011).

¹ Wrexham Unitary Development Plan 1996 - 2011 (adopted February 2005).

References

Legislation and Policy

The Hedgerows Regulations 1997

Planning Policy Wales 11. 2021

Planning Policy Wales Technical Advice Note 5: Nature Conservation and Planning 2009.

Wildlife and Countryside Act 1981. London: HMSO.

Wrexham County Borough Council Unitary Development Plan (UDP, adopted 2005)

Wrexham County Borough Council Local Development Plan (LDP, not adopted)

APPENDIX A: Hedgerow Survey Data

Hedgerow Target Notes Report

Target Note H01

<i>Crataegus monogyna</i>	Hawthorn	A
<i>Hedera helix</i>	Ivy	A
<i>Prunus spinosa</i>	Blackthorn	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Achillea millefolium</i>	Yarrow	R
<i>Arrhenatherum elatius</i>	False Oat-grass	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Geranium robertianum</i>	Herb-Robert	R
<i>Quercus robur</i>	English Oak	R

	Hedgerow Regulations (1997) Schedule 2 Species
	Hedgerow Regulations (1997) Schedule 3 Species

KEY - D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	174m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Hawthorn	Hawthorn		
Average of at least one standard tree per 50m?	No	English Oak	Blackthorn		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No				
Ditch along at least half of the hedgerow?	No				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	2				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)	2
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Does this hedge meet the wildlife and countryside criteria for Importance?	No - hedgerow contained insufficient woody species
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Target Note H02

<i>Hedera helix</i>	Ivy	A
<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Galium aparine</i>	Cleavers	O
<i>Urtica dioica</i>	Nettle	O
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa</i> sp.	Rose species	R
<i>Rubus fruticosus</i> agg.	Bramble	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Salix caprea</i>	Goat Willow	R
<i>Sambucus nigra</i>	Elder	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	172m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn		
Average of at least one standard tree per 50m?	No	English Oak	Hawthorn		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Rose species	English Oak		
Ditch along at least half of the hedgerow?	Yes	Hawthorn			
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)	3.5
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Does this hedge meet the wildlife and countryside criteria for Importance?	No - hedgerow contained insufficient woody species
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Target Note H03

<i>Hedera helix</i>	Ivy	D
<i>Prunus spinosa</i>	Blackthorn	A
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Epilobium hirsutum</i>	Great Willowherb	O
<i>Lolium perenne</i>	Perennial Ryegrass	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Alopecurus pratensis</i>	Meadow Foxtail	R
<i>Elymus repens</i>	Common Couch	R
<i>Juncus effusus</i>	Soft Rush	R
<i>Quercus robur</i>	English Oak	R
<i>Ranunculus repens</i>	Creeping Buttercup	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Solanum dulcamara</i>	Bittersweet	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	3.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	66m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Dog Rose			
Average of at least one standard tree per 50m?	Yes	Blackthorn			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn			
Ditch along at least half of the hedgerow?	Yes	English Oak			
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H04

<i>Prunus spinosa</i>	Blackthorn	A
<i>Hedera helix</i>	Ivy	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Agrostis stolonifera</i>	Creeping Bent	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Crataegus monogyna</i>	Hawthorn	R
<i>Dactylis glomerata</i>	Cock's-foot	R
<i>Elymus repens</i>	Common Couch	R
<i>Galium aparine</i>	Cleavers	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	70m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Hawthorn			
Average of at least one standard tree per 50m?	No	Blackthorn			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Dog Rose			
Ditch along at least half of the hedgerow?	Yes				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H05

<i>Prunus spinosa</i>	Blackthorn	A
<i>Hedera helix</i>	Ivy	F
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Elymus repens</i>	Common Couch	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	77m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn			
Average of at least one standard tree per 50m?	No	English Oak			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn			
Ditch along at least half of the hedgerow?	Yes	Dog Rose			
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H06

<i>Prunus spinosa</i>	Blackthorn	A
<i>Elymus repens</i>	Common Couch	F
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Hedera helix</i>	Ivy	O
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Crataegus monogyna</i>	Hawthorn	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa sp.</i>	Rose species	R
<i>Rubus fruticosus agg.</i>	Bramble	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	24m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn			
Average of at least one standard tree per 50m?	Yes	English Oak			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn			
Ditch along at least half of the hedgerow?	No	Rose species			
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H07

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Cirsium arvense</i>	Creeping Thistle	O
<i>Hedera helix</i>	Ivy	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Calystegia sepium</i>	Hedge Bindweed	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Salix caprea</i>	Goat Willow	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	5.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	98m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Hawthorn			
Average of at least one standard tree per 50m?	Yes	Blackthorn			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Dog Rose			
Ditch along at least half of the hedgerow?	Yes				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	2				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H08

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Hedera helix</i>	Ivy	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Anthriscus sylvestris</i>	Cow Parsley	O
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Holcus lanatus</i>	Yorkshire-fog	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Urtica dioica</i>	Nettle	O
<i>Acer campestre</i>	Field Maple	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Festuca rubra</i>	Red Fescue	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa</i> sp.	Rose species	R
<i>Solanum dulcamara</i>	Bittersweet	R
<i>Tamus communis</i>	Black Bryony	R
<i>Ulmus glabra</i>	Wych Elm	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	3.0m	Hedge width	2.5m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	275m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn	Blackthorn	
Average of at least one standard tree per 50m?	No	Hawthorn	Ash	English Oak	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No		Wych Elm	Rose species	
Ditch along at least half of the hedgerow?	Yes		Rose species		
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H09

<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Festuca rubra</i>	Red Fescue	O
<i>Hedera helix</i>	Ivy	O
<i>Rosa sp.</i>	Rose species	O
<i>Rubus fruticosus agg.</i>	Bramble	O
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Epilobium hirsutum</i>	Great Willowherb	R
<i>Persicaria maculosa</i>	Redshank	R
<i>Quercus robur</i>	English Oak	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Salix caprea</i>	Goat Willow	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management			

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	200m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn		
Average of at least one standard tree per 50m?	Yes	English Oak	Hawthorn		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Rose species	English Oak		
Ditch along at least half of the hedgerow?	No	Hawthorn	Rose species		
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H10

<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	F
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Lolium perenne</i>	Perennial Ryegrass	O
<i>Quercus robur</i>	English Oak	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Rosa</i> sp.	Rose species	R
<i>Salix caprea</i>	Goat Willow	R
<i>Sambucus nigra</i>	Elder	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	Yes	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	208m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Rose species	Hawthorn	
Average of at least one standard tree per 50m?	Yes	English Oak	Blackthorn	Blackthorn	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn	English Oak	Goat Willow	
Ditch along at least half of the hedgerow?	No	Elder	Hawthorn		
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3.67

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H11

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Lolium perenne</i>	Perennial Ryegrass	O
<i>Urtica dioica</i>	Nettle	O
<i>Arrhenatherum elatius</i>	False Oat-grass	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb	R
<i>Persicaria maculosa</i>	Redshank	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa sp.</i>	Rose species	R
<i>Rubus fruticosus agg.</i>	Bramble	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Salix caprea</i>	Goat Willow	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	Yes – adjacent to	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	200m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Field Maple	Hawthorn		
Average of at least one standard tree per 50m?	No	Dog Rose	Blackthorn		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn			
Ditch along at least half of the hedgerow?	Yes	Ash			
Parallel hedge within 15m of the hedgerow?	Yes	Blackthorn			
Gaps less than 10% of hedgerow length?	Yes	Goat Willow			
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4

Does this hedge meet the wildlife and countryside criteria for Importance?

No – insufficient features

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	258m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Hawthorn	Hawthorn	Hawthorn	
Average of at least one standard tree per 50m?	No	Blackthorn	Blackthorn	Blackthorn	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No		Rose species	Goat Willow	
Ditch along at least half of the hedgerow?	No				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)	2.67
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Does this hedge meet the wildlife and countryside criteria for Importance?	No - hedgerow contained insufficient woody species
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Target Note H12

<i>Crataegus monogyna</i>	Hawthorn	A
<i>Acer campestre</i>	Field Maple	O
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Festuca rubra</i>	Red Fescue	O
<i>Hedera helix</i>	Ivy	O
<i>Lolium perenne</i>	Perennial Ryegrass	O
<i>Prunus spinosa</i>	Blackthorn	O
<i>Rosa canina</i> agg.	Dog Rose	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Urtica dioica</i>	Nettle	O
<i>Anthriscus sylvestris</i>	Cow Parsley	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Epilobium</i> sp.	Willowherb species	R
<i>Sambucus nigra</i>	Elder	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	3.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	Yes – adjacent to	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	107m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Dog Rose	Blackthorn		
Average of at least one standard tree per 50m?	No	Hawthorn	Dog Rose		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Field Maple	Hawthorn		
Ditch along at least half of the hedgerow?	Yes	Blackthorn	Field Maple		
Parallel hedge within 15m of the hedgerow?	No	Elder			
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	5				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4.5

Does this hedge meet the wildlife and countryside criteria for Importance?

Yes – footpath present and sufficient woody species

Target Note H13

<i>Crataegus monogyna</i>	Hawthorn	A
<i>Lolium perenne</i>	Perennial Ryegrass	F
<i>Rubus fruticosus</i> agg.	Bramble	F
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Cirsium arvense</i>	Creeping Thistle	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	O
<i>Festuca rubra</i>	Red Fescue	O
<i>Hedera helix</i>	Ivy	O
<i>Holcus lanatus</i>	Yorkshire-fog	O
<i>Juncus effusus</i>	Soft Rush	O
<i>Juncus inflexus</i>	Hard Rush	O
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Bromus</i> sp.	Brome species	R
<i>Centaurea nigra</i>	Knapweed	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Lonicera periclymenum</i>	Honeysuckle	R
<i>Myrrhis odorata</i>	Sweet Cicely	R
<i>Prunus spinosa</i>	Blackthorn	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Sambucus nigra</i>	Elder	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	1.5m	Hedge width	1.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	Yes	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	290m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Hawthorn	Hawthorn	
Average of at least one standard tree per 50m?	Yes	English Oak	Dog Rose	English Oak	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn	English Oak	Dog Rose	
Ditch along at least half of the hedgerow?	Yes	Dog Rose	Blackthorn		
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	No				
Connection (<10m) with another hedgerow? (1pt each)	5				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3. 66

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H14

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Festuca rubra</i>	Red Fescue	O
<i>Holcus lanatus</i>	Yorkshire-fog	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Acer campestre</i>	Field Maple	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Calystegia sepium</i>	Hedge Bindweed	R
<i>Carex</i> sp.	Sedge species	R
<i>Centaurea nigra</i>	Knapweed	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	R
<i>Epilobium hirsutum</i>	Great Willowherb	R
<i>Filipendula ulmaria</i>	Meadowsweet	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Juncus inflexus</i>	Hard Rush	R
<i>Lonicera periclymenum</i>	Honeysuckle	R
<i>Myrrhis odorata</i>	Sweet Cicely	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Salix caprea</i>	Goat Willow	R
<i>Solanum dulcamara</i>	Bittersweet	R
<i>Ulmus glabra</i>	Wych Elm	R
<i>Urtica dioica</i>	Nettle	R

Target Note H15

<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	F
<i>Dactylis glomerata</i>	Cock's-foot	F
<i>Hedera helix</i>	Ivy	O
<i>Lolium perenne</i>	Perennial Ryegrass	O
<i>Rosa canina</i> agg.	Dog Rose	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Urtica dioica</i>	Nettle	O
<i>Acer campestre</i>	Field Maple	R
<i>Alliaria petiolata</i>	Garlic Mustard	R
<i>Anthriscus sylvestris</i>	Cow Parsley	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Bromus</i> sp.	Brome species	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Epilobium hirsutum</i>	Great Willowherb	R
<i>Malus sylvestris</i>	Crab-apple	R
<i>Quercus robur</i>	English Oak	R
<i>Salix caprea</i>	Goat Willow	R
<i>Sambucus nigra</i>	Elder	R
<i>Solanum dulcamara</i>	Bittersweet	R
<i>Stachys sylvatica</i>	Hedge Woundwort	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	205m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn	Blackthorn	
Average of at least one standard tree per 50m?	Yes	Field Maple	Crab-apple	Crab-apple	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn	Dog Rose	Goat Willow	
Ditch along at least half of the hedgerow?	Yes	Dog Rose	Goat Willow	Hawthorn	
Parallel hedge within 15m of the hedgerow?	No		English Oak	English Oak	
Gaps less than 10% of hedgerow length?	Yes		Hawthorn	Dog Rose	
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

5.33

Does this hedge meet the wildlife and countryside criteria for Importance?

Yes – sufficient woody species and associated features

Target Note H16

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Hedera helix</i>	Ivy	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Elymus repens</i>	Common Couch	O
<i>Rosa canina</i> agg.	Dog Rose	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Acer campestre</i>	Field Maple	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Chenopodium</i> sp.	Goosefoot	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Epilobium parviflorum</i>	Hoary Willowherb	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Juncus effusus</i>	Soft Rush	R
<i>Quercus robur</i>	English Oak	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Salix caprea</i>	Goat Willow	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management			

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	426m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	English Oak	Goat Willow	
Average of at least one standard tree per 50m?	Yes	Ash	Blackthorn	Blackthorn	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn	Dog Rose	English Oak	
Ditch along at least half of the hedgerow?	No		Hawthorn	Dog Rose	
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3.67

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H17

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Hedera helix</i>	Ivy	O
<i>Holcus lanatus</i>	Yorkshire-fog	O
<i>Rosa canina</i> agg.	Dog Rose	O
<i>Rumex obtusifolius</i>	Broad-leaved Dock	O
<i>Urtica dioica</i>	Nettle	O
<i>Acer campestre</i>	Field Maple	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Juncus effusus</i>	Soft Rush	R
<i>Juncus inflexus</i>	Hard Rush	R
<i>Poa trivialis</i>	Rough Meadow-grass	R
<i>Quercus robur</i>	English Oak	R
<i>Salix caprea</i>	Goat Willow	R
<i>Solanum dulcamara</i>	Bittersweet	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	2.5m	Hedge width	2.0m
Signs of management			

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	285m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Dog Rose	Field Maple	Hawthorn	
Average of at least one standard tree per 50m?	Yes	Hawthorn	Blackthorn	Blackthorn	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	English Oak	Hawthorn	Dog Rose	
Ditch along at least half of the hedgerow?	Yes	Blackthorn	Dog Rose	Goat Willow	
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)	4
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Does this hedge meet the wildlife and countryside criteria for Importance?	No - hedgerow contained insufficient woody species
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Target Note H18

<i>Crataegus monogyna</i>	Hawthorn	A
<i>Arrhenatherum elatius</i>	False Oat-grass	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Acer campestre</i>	Field Maple	O
<i>Calystegia sepium</i>	Hedge Bindweed	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Epilobium hirsutum</i>	Great Willowherb	O
<i>Hedera helix</i>	Ivy	O
<i>Rosa canina</i> agg.	Dog Rose	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Solanum dulcamara</i>	Bittersweet	O
<i>Urtica dioica</i>	Nettle	O
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Corylus avellana</i>	Hazel	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Quercus robur</i>	English Oak	R
<i>Typha latifolia</i>	Greater Reedmace	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	171m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn		
Average of at least one standard tree per 50m?	No	Hawthorn	Hawthorn		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	English Oak	Dog Rose		
Ditch along at least half of the hedgerow?	Yes	Dog Rose	Hazel		
Parallel hedge within 15m of the hedgerow?	Yes	Field Maple			
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4.5

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H19

<i>Prunus spinosa</i>	Blackthorn	A
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Alopecurus pratensis</i>	Meadow Foxtail	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Crataegus monogyna</i>	Hawthorn	R
<i>Dactylis glomerata</i>	Cock's-foot	R
<i>Epilobium hirsutum</i>	Great Willowherb	R
<i>Galium aparine</i>	Cleavers	R
<i>Hedera helix</i>	Ivy	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Malus sylvestris</i>	Crab-apple	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Sambucus nigra</i>	Elder	R
<i>Stachys sylvatica</i>	Hedge Woundwort	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	12 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	143m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn		
Average of at least one standard tree per 50m?	No	Hawthorn	Dog Rose		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No		Hawthorn		
Ditch along at least half of the hedgerow?	Yes		Crab-apple		
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	No				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H20A

<i>Crataegus monogyna</i>	Hawthorn	A
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Alliaria petiolata</i>	Garlic Mustard	R
<i>Arrhenatherum elatius</i>	False Oat-grass	R
<i>Centaurea nigra</i>	Knapweed	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Jacobaea vulgaris</i>	Common Ragwort	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Tamus communis</i>	Black Bryony	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	3.0m	Hedge width	3.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	109m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Hawthorn	Hawthorn		
Average of at least one standard tree per 50m?	No	Ash			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No				
Ditch along at least half of the hedgerow?	No				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	2				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

1.5

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H20B

<i>Crataegus monogyna</i>	Hawthorn	A
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb	O
<i>Corylus avellana</i>	Hazel	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Ilex aquifolium</i>	Holly	O
<i>Prunus spinosa</i>	Blackthorn	O
<i>Rosa canina</i> agg.	Dog Rose	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Urtica dioica</i>	Nettle	O
<i>Acer campestre</i>	Field Maple	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Equisetum arvense</i>	Field Horsetail	R
<i>Juncus inflexus</i>	Hard Rush	R
<i>Plantago lanceolata</i>	Ribwort Plantain	R

Note

Hedgerow is less than 30 years old and is therefore not covered by the Hedgerow Regulations 1997.

Target Note H21

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Elymus repens</i>	Common Couch	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Alliaria petiolata</i>	Garlic Mustard	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Bromus</i> sp.	Brome species	R
<i>Galium aparine</i>	Cleavers	R
<i>Hedera helix</i>	Ivy	R
<i>Prunus domestica</i>	Wild Plum/Bullace	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Sambucus nigra</i>	Elder	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	5.0m	Hedge width	4.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	205m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Hawthorn	Wild Plum/Bullace		
Average of at least one standard tree per 50m?	Yes	English Oak	Hawthorn		
3+ woodland ground flora species (listed on Sch. 2) within 1m?	No	Blackthorn	Dog Rose		
Ditch along at least half of the hedgerow?	Yes				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	4				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H22

<i>Prunus spinosa</i>	Blackthorn	A
<i>Arum maculatum</i>	Lords-and-Ladies	O
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Elymus repens</i>	Common Couch	O
<i>Epilobium parviflorum</i>	Hoary Willowherb	O
<i>Hedera helix</i>	Ivy	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Fraxinus excelsior</i>	Ash	R
<i>Galium aparine</i>	Cleavers	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Prunus domestica</i>	Wild Plum/Bullace	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa</i> sp.	Rose species	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	R
<i>Sambucus nigra</i>	Elder	R
<i>Solanum dulcamara</i>	Bittersweet	R
<i>Stachys sylvatica</i>	Hedge Woundwort	R
<i>Tamus communis</i>	Black Bryony	R
<i>Urtica dioica</i>	Nettle	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	198m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Blackthorn		
Average of at least one standard tree per 50m?	No	Rose species	Rose species		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn	Ash		
Ditch along at least half of the hedgerow?	Yes				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	0				
Connection (<10m) with a pond? (2pts each)	1 (dry)				
Connection (<10m) broadleaved woodland? (2pts each)	2				

Average Woody Species (Schedule 3)

3

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H23

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Elymus repens</i>	Common Couch	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Acer campestre</i>	Field Maple	R
<i>Arrhenatherum elatius</i>	False Oat-grass	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Dactylis glomerata</i>	Cock's-foot	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Prunus domestica</i>	Wild Plum/Bullace	R
<i>Rosa</i> sp.	Rose species	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	3.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	No photo available
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	71m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn			
Average of at least one standard tree per 50m?	No	Rose species			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No				
Ditch along at least half of the hedgerow?	Yes				
Parallel hedge within 15m of the hedgerow?	No				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	2				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	2				

Average Woody Species (Schedule 3)	2
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Does this hedge meet the wildlife and countryside criteria for Importance?	No - hedgerow contained insufficient woody species
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Target Note H24

<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Hedera helix</i>	Ivy	O
<i>Acer campestre</i>	Field Maple	R
<i>Arrhenatherum elatius</i>	False Oat-grass	R
<i>Calystegia sepium</i>	Hedge Bindweed	R
<i>Chenopodium sp.</i>	Goosefoot	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Dactylis glomerata</i>	Cock's-foot	R
<i>Epilobium parviflorum</i>	Hoary Willowherb	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa sp.</i>	Rose species	R
<i>Salix species</i>	Willow species	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	4.0m	Hedge width	3.0m
Signs of management			

Does the hedge have the appearance of being over 30 years old?	No	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	120m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Grey Willow	Hawthorn		
Average of at least one standard tree per 50m?	No	Blackthorn	English Oak		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Rose species	Blackthorn		
Ditch along at least half of the hedgerow?	Yes	Field Maple			
Parallel hedge within 15m of the hedgerow?	No	Hawthorn			
Gaps less than 10% of hedgerow length?	Yes	Ash			
Connection (<10m) with another hedgerow? (1pt each)	2				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)	4.5
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Does this hedge meet the wildlife and countryside criteria for Importance?	No - hedgerow contained insufficient woody species
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Target Note H25

<i>Hedera helix</i>	Ivy	A
<i>Prunus spinosa</i>	Blackthorn	A
<i>Crataegus monogyna</i>	Hawthorn	F
<i>Acer campestre</i>	Field Maple	O
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Cirsium arvense</i>	Creeping Thistle	O
<i>Elymus repens</i>	Common Couch	O
<i>Epilobium parviflorum</i>	Hoary Willowherb	O
<i>Fraxinus excelsior</i>	Ash	O
<i>Heracleum sphondylium</i>	Hogweed	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Urtica dioica</i>	Nettle	O
<i>Acer pseudoplatanus</i>	Sycamore	R
<i>Calystegia sepium</i>	Hedge Bindweed	R
<i>Chamaenerion angustifolium</i>	Rosebay Willowherb	R
<i>Dactylis glomerata</i>	Cock's-foot	R
<i>Galium aparine</i>	Cleavers	R
<i>Mercurialis perennis</i>	Dog's Mercury	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Salix alba</i>	White Willow	R
<i>Solanum dulcamara</i>	Bittersweet	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	2.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	280m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Willow species	Ash	
Average of at least one standard tree per 50m?	No	Rose species	Hawthorn	Hawthorn	
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn	Blackthorn	Blackthorn	
Ditch along at least half of the hedgerow?	Yes		Dog Rose	Dog Rose	
Parallel hedge within 15m of the hedgerow?	Yes		Field Maple		
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	1				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

4

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H26

<i>Prunus spinosa</i>	Blackthorn	A
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Cirsium arvense</i>	Creeping Thistle	O
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Crataegus monogyna</i>	Hawthorn	R
<i>Rosa</i> sp.	Rose species	R
<i>Salix fragilis</i>	Crack Willow	R

Note

Hedgerow forms part of domestic curtilage and is therefore not covered by the Hedgerow Regulations 1997.

Target Note H27

<i>Crataegus monogyna</i>	Hawthorn	O
<i>Prunus domestica</i>		O
<i>Hedera helix</i>	Ivy	R
<i>Rosa sp.</i>	Rose species	R
<i>Rubus fruticosus agg.</i>	Bramble	R
<i>Salix species</i>	Willow species	R

Note

Hedgerow forms part of domestic curtilage and is therefore not covered by the Hedgerow Regulations 1997.

Target Note H28

<i>Acer campestre</i>	Field Maple	O
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Hedera helix</i>	Ivy	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Fraxinus excelsior</i>	Ash	R
<i>Ligustrum ovalifolium</i>	Garden Privet	R
<i>Prunus</i> sp.	Cherry species	R
<i>Quercus robur</i>	English Oak	R

Note

Hedgerow forms part of domestic curtilage and is therefore not covered by the Hedgerow Regulations 1997.

Target Note H29

<i>Crataegus monogyna</i>	Hawthorn	F
<i>Prunus spinosa</i>	Blackthorn	F
<i>Arrhenatherum elatius</i>	False Oat-grass	O
<i>Calystegia sepium</i>	Hedge Bindweed	O
<i>Epilobium parviflorum</i>	Hoary Willowherb	O
<i>Hedera helix</i>	Ivy	O
<i>Rosa sp.</i>	Rose species	O
<i>Rubus fruticosus agg.</i>	Bramble	O
<i>Solanum dulcamara</i>	Bittersweet	O
<i>Urtica dioica</i>	Nettle	O
<i>Acer campestre</i>	Field Maple	R
<i>Centaurea nigra</i>	Knapweed	R
<i>Dactylis glomerata</i>	Cock's-foot	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Phleum pratense</i>	Timothy	R
<i>Quercus robur</i>	English Oak	R
<i>Symphytum sp.</i>	Comfrey species	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	3.0m	Hedge width	2.0m
Signs of management	No		

Does the hedge have the appearance of being over 30 years old?	Yes	
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No	
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No	
Further assessment (30m sampling) required and undertaken?	Yes	

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	185m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Blackthorn	Ash		
Average of at least one standard tree per 50m?	No	Hawthorn	Hawthorn		
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Rose species	Blackthorn		
Ditch along at least half of the hedgerow?	Yes		Rose species		
Parallel hedge within 15m of the hedgerow?	Yes				
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	3				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

3.5

Does this hedge meet the wildlife and countryside criteria for Importance?

No - hedgerow contained insufficient woody species

Target Note H30

<i>Prunus spinosa</i>	Blackthorn	A
<i>Elymus repens</i>	Common Couch	O
<i>Hedera helix</i>	Ivy	O
<i>Rubus fruticosus</i> agg.	Bramble	O
<i>Crataegus monogyna</i>	Hawthorn	R
<i>Quercus robur</i>	English Oak	R
<i>Rosa canina</i> agg.	Dog Rose	R
<i>Salix caprea</i>	Goat Willow	R

Hedgerow Assessment

Date of survey	23 August 2022	Surveyor	Alun Evans
Hedge height	5.0m	Hedge width	3.0m
Signs of management			

Does the hedge have the appearance of being over 30 years old?	Yes		
Does the hedge run alongside a bridleway, footpath or road used as a public path or a byway open to all traffic?	No		
Protected species noted? (WCA Sch 1, 5, 8: RDB birds, vascular plants, insects, other)	No		
Further assessment (30m sampling) required and undertaken?	Yes		

Features and Connections		Woody species present in 30m samples (listed on Schedule 3 of the Hedgerow Regulations 1997) - For hedgerows 30-100m in length, species in the central 30m have been recorded. For hedgerows 100-200m species in the central 30m stretches of each half of the hedgerow have been recorded. For hedgerows >200m, species present in the central stretch of 30m within each third of the hedgerow have been recorded.			
Hedge length (m)	47m	Sample 1	Sample 2	Sample 3	Schedule 2 species
Wall/bank along at least half its length?	No	Goat Willow			
Average of at least one standard tree per 50m?	Yes	Blackthorn			
3+ woodland ground flora species (<i>listed on Sch. 2</i>) within 1m?	No	Hawthorn			
Ditch along at least half of the hedgerow?	No	Dog Rose			
Parallel hedge within 15m of the hedgerow?	No	English Oak			
Gaps less than 10% of hedgerow length?	Yes				
Connection (<10m) with another hedgerow? (1pt each)	1				
Connection (<10m) with a pond? (2pts each)	0				
Connection (<10m) broadleaved woodland? (2pts each)	0				

Average Woody Species (Schedule 3)

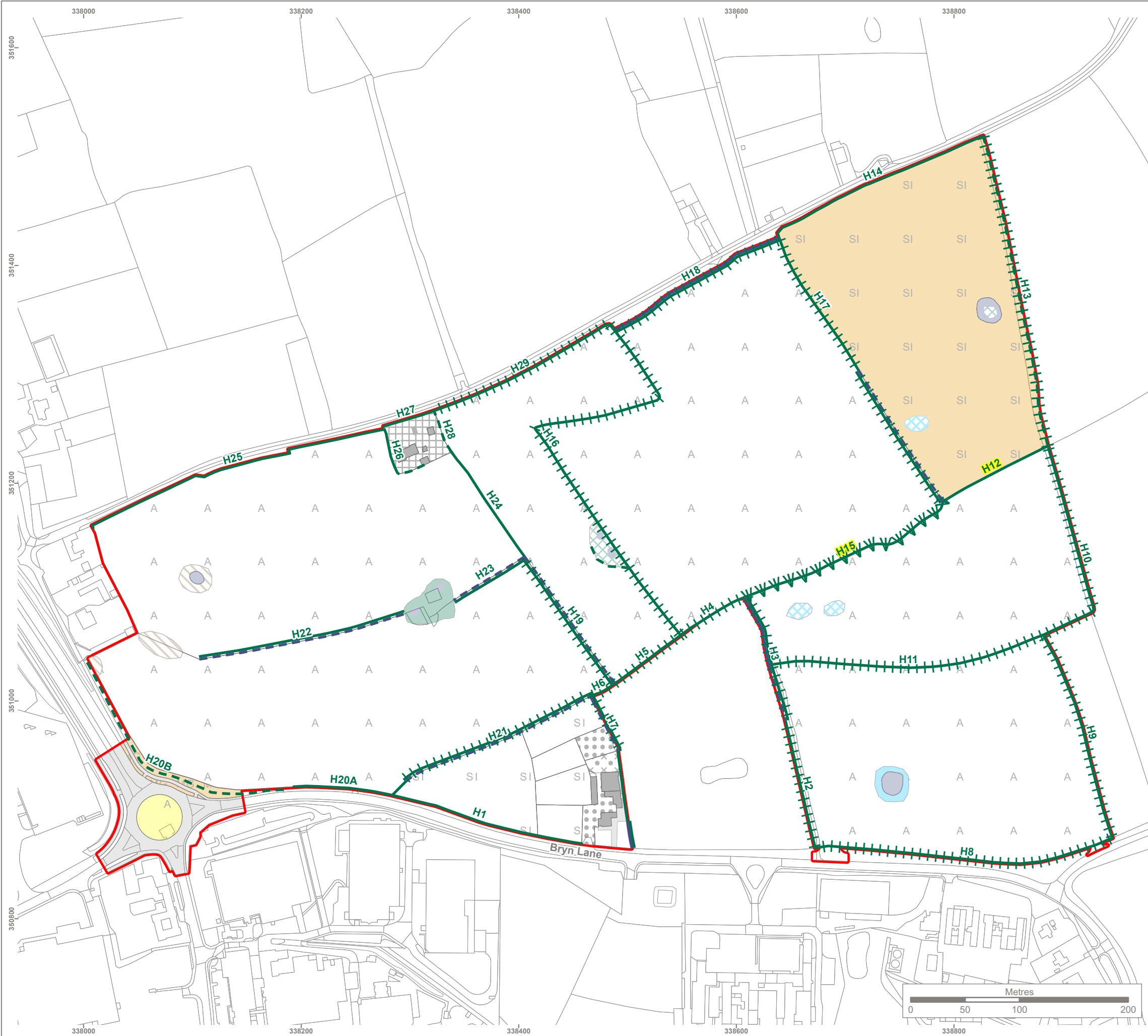
5

Does this hedge meet the wildlife and countryside criteria for Importance?

No

DRAWINGS

Drawing 1 – Hedgerow Plan 9134.019A



KEY

Site boundary

Hedgerows

Species-poor intact hedge

Species-poor intact hedge and ditch

Species-poor intact hedge and dry ditch

Species-poor defunct hedge

Native species-rich hedge and trees

Species-poor hedge and trees

Species-poor defunct hedge and trees

Species-poor hedge and trees with ditch

Species-poor hedge and trees with dry ditch

Phase 1 Habitat Survey

Semi-natural broad-leaved woodland

Dense/continuous scrub

SI SI

 Semi-improved neutral grassland

MG M

 Modified neutral grassland

SI SI SI

 Poor semi-improved grassland

Tall ruderal

Swamp

Ephemeral pool

Standing water

A A A

 Arable

A A A

 Amenity grassland

x x x

 Bare ground with ephemeral/short perennial

Building

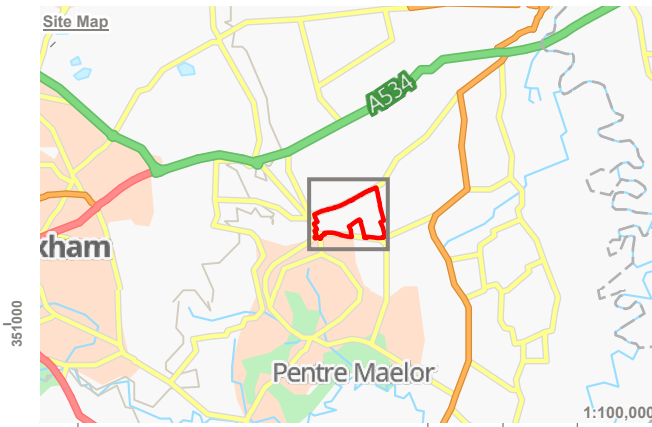
Bare ground

Hardstanding

Not surveyed

Note:
The locations of habitats and habitat features are indicative. Important hedgerows are identifiable by a highlighted label.

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A	Site boundary update	SP	AE	17/04/2023
Rev	Description	Drawn	Approved	Date

THE ENVIRONMENT PARTNERSHIP

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Project
Land North of Bryn Lane, Wrexham

Title
Hedgerow Location Plan

Drawing Number
G9134.019A

Drawn	Checked	Approved	Scale	Date
BJ	##	AE	1:3,500 @ A3	17/04/2023



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