



The Ecology Co-op

ENVIRONMENTAL CONSULTANTS

Unit 4, Langham Stables, Langham Lane, Lodsworth, Petworth, West Sussex, GU28 9BU.

Tel: 01798 861 800 - E-Mail: info@ecologyco-op.co.uk - Web: www.ecologyco-op.co.uk

Biodiversity Impact Calculation

Site Name

Church Farm, Upper Beeding

Issue Date

18th December 2025

Client

Fairfax Acquisitions Ltd

Author

Meerabai Kings

Project No: P10959

The Ecology Co-operation Ltd

Registered Office: Unit 4, Langham Stables, Langham Lane, Lodsworth, West Sussex, GU28 9BU

Company number: 8905527





Document Control

Issue No	Author	Reviewer	Issue Date	Additions/alterations	Notes
REV01	Meerabai Kings MSci (Hons)	Emma Baker BSc (Hons), MSc, MCIEEM	18/09/2025		
Rev02	Meerabai Kings MSci (Hons)	Emma Baker BSc (Hons), MSc, MCIEEM	17/12/2025	Changes to layout plans	
Rev03	Meerabai Kings MSci (Hons)	N/A	17/12/2025	Corrections and amendments	
Rev04	Paul Whitby BSc (Hons)	N/A	17/03/26	Changes to layout plans and offsite habitat creation	

Conditions of use

This report has been prepared by The Ecology Co-operation Ltd, with all reasonable skill, care and diligence within the terms of the Contract with the client. This report only becomes the property of the client once payment for it has been received in full.

We disclaim responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client, and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk.

About the Author

This report has been prepared by Meerabai Kings, a Consultant Ecologist at The Ecology Co-op, with over two years' experience. As a qualifying member of the Chartered Institute for Ecology and Environmental Management (CIEEM) she is bound by their code of professional conduct.

About the Reviewer

This report has been reviewed by Emma Baker, who is a Senior ecologist with eight years' experience. She holds Level 1 great crested newt and hazel dormice survey licenses. As a Full member of the Chartered Institute for Ecology and Environmental Management (CIEEM), she is bound by their code of professional conduct.



Report Summary

Purpose	The Ecology Co-operation was commissioned by Fairfax Acquisitions Ltd to undertake a Biodiversity Impact Calculation of a proposal to build four houses at Church Farm, Upper Beeding, using the Statutory Biodiversity Metric to quantify net change in biodiversity.
Summary of Losses and Gains	The proposed development scheme at this site will result in the loss of: On-site 0.49ha of bramble scrub h3d (condition N/A). Post-intervention the following habitats will be created: On-site 0.064ha of developed land; sealed surface - u1b (condition N/A) 0.077ha of buildings - u1b5 (condition N/A) 0.227ha of vegetated garden - u1827 (condition N/A) 0.027ha of artificial unvegetated, unsealed surface – u1c (condition N/A) 0.019ha of modified grassland – g4 (poor condition) 0.057ha of other neutral grassland – g3c (poor condition) 0.029ha of mixed scrub - h3h (poor condition) 0.114km of species-rich native hedgerow – h2a5 (poor condition) 0.08km of native hedgerow - h2a (poor condition) 0.1018ha of individual rural trees (25 small trees in moderate condition). Off-site 0.1306ha of other woodland; broadleaved – w1g (poor condition) and 0.012ha of other woodland; broadleaved – w1g (poor condition) 0.0057ha of mixed scrub – h3h (good condition) and 0.0052ha of mixed scrub – h3h (good condition). Post-intervention the following habitats will be enhanced: Off-site 0.024ha of blackthorn scrub (poor condition) to blackthorn scrub (good condition) 0.393ha bramble scrub (condition N/A) - h3d to blackthorn scrub (good condition)..
Final Metric Results	The Statutory Biodiversity Metric calculation has demonstrated that the proposed scheme will result in a likely net gain of 2.27 habitat units (+115.58%) and 0.86 hedgerow units. The current scheme satisfies the trading rules within the Statutory Biodiversity Metric.
Does the scheme meet net gain requirements?	The current scheme exceeds the 10% mandatory net gain value set out within the Environment Act 2021.



CONTENTS PAGE

1 INTRODUCTION.....	1
1.1 Purpose of the Report	1
1.2 Background	1
1.3 Summary of Previous Survey Work.....	4
1.4 Policy and Legislation	4
2 METHODOLOGY.....	5
2.1 Data Sources.....	6
3 RESULTS.....	6
3.1 Existing Habitats Assessment.....	6
3.2 Habitat Losses and Gains	7
4 CONCLUSIONS.....	9
APPENDIX 1 – Habitat Condition Assessment Sheets	10



1 INTRODUCTION

1.1 Purpose of the Report

There has been a mandatory requirement for all new developments to demonstrate 'net gains' in biodiversity from the 12th February 2024, following the release of updated National Planning Policy Framework¹ by the Department of Housing, Communities and Local Government and the Environment Act 2021². A mandatory value of 10% net gain in biodiversity value for all developments (that do not meet exemption criteria) is required under the Environment Act 2021.

This document includes a baseline 'Biodiversity Impact Calculation' (BIC) for the proposed development at Church Farm, Upper Beeding. The calculation utilises the Statutory Biodiversity Metric and assigns 'biodiversity units' to the pre-existing habitats contained within a proposed development site and those that are predicted to be lost, restored and/or created once the development has been constructed. This allows an objective comparison to be made between the existing biodiversity value of a given site and the predicted biodiversity value post development, with the net change in biodiversity value subsequently quantified.

The purpose of this document is to present the findings of the BIC based on the most up-to date existing habitat survey information and the most current outline plans for the proposed development of the site. BICs provide an evidence base for discussions between the ecological consultant, developer and the local planning authority regarding on-site avoidance, on-site mitigation and off-site compensation requirements.

This report will be used in relation to a proposal for four houses to be built on the site. Given the likelihood of proposed changes in the design scheme, some of the recommendations will potentially be subject to change. The results of the BIC are deemed accurate for the most recent layout plan.

This report was commissioned and produced at the request of Fairfax Acquisitions Ltd.

1.2 Background

The site measures approximately 0.49 ha in area, and comprises bramble scrub, which has recently been cleared.

The site was subject to a Preliminary Ecological Appraisal in 2021³ and 2025⁴.

Habitats (UKHAB) within the site are shown in (Figure 1), these are:

- 0.49ha of recently cleared bramble scrub - h3d (condition N/A)

The site is situated within a wider ownership boundary measuring approximately 3ha, comprised of grassland and

¹ HM Government (2024). National Planning Policy Framework. Department for Housing, Communities and Local Government. Available online at: <https://www.gov.uk/government/publications/national-planning-policy-framework--2>

² HM Government (2021). Environment Act 2021 Available online at: <https://www.legislation.gov.uk/ukpga/2021/30/contents/enacted>

³ The Ecology Co-op (2021) Church Farm, Upper Beeding, Ecological Assessment.

⁴ The Ecology Co-op (2025) Church Farm, Upper Beeding, Preliminary Ecological Appraisal.



scrub. These areas have been earmarked for enhancement in order to achieve at least 10% biodiversity net gain (BNG). The habitats present within the wider ownership boundary include:

- 0.53ha of bramble scrub – h3d (condition N/A)
- 0.034ha of blackthorn scrub - h3a (poor condition)

The proposed scheme includes the construction of four new dwellings, with associated soft and hard landscaping (see Figure 2).



Figure 1. UKHab map showing existing habitats within the site and off site. The site boundary is indicated with a red line and the wider ownership boundary with a blue line. Produced using QGIS software, version 3.36 Maidenhead.

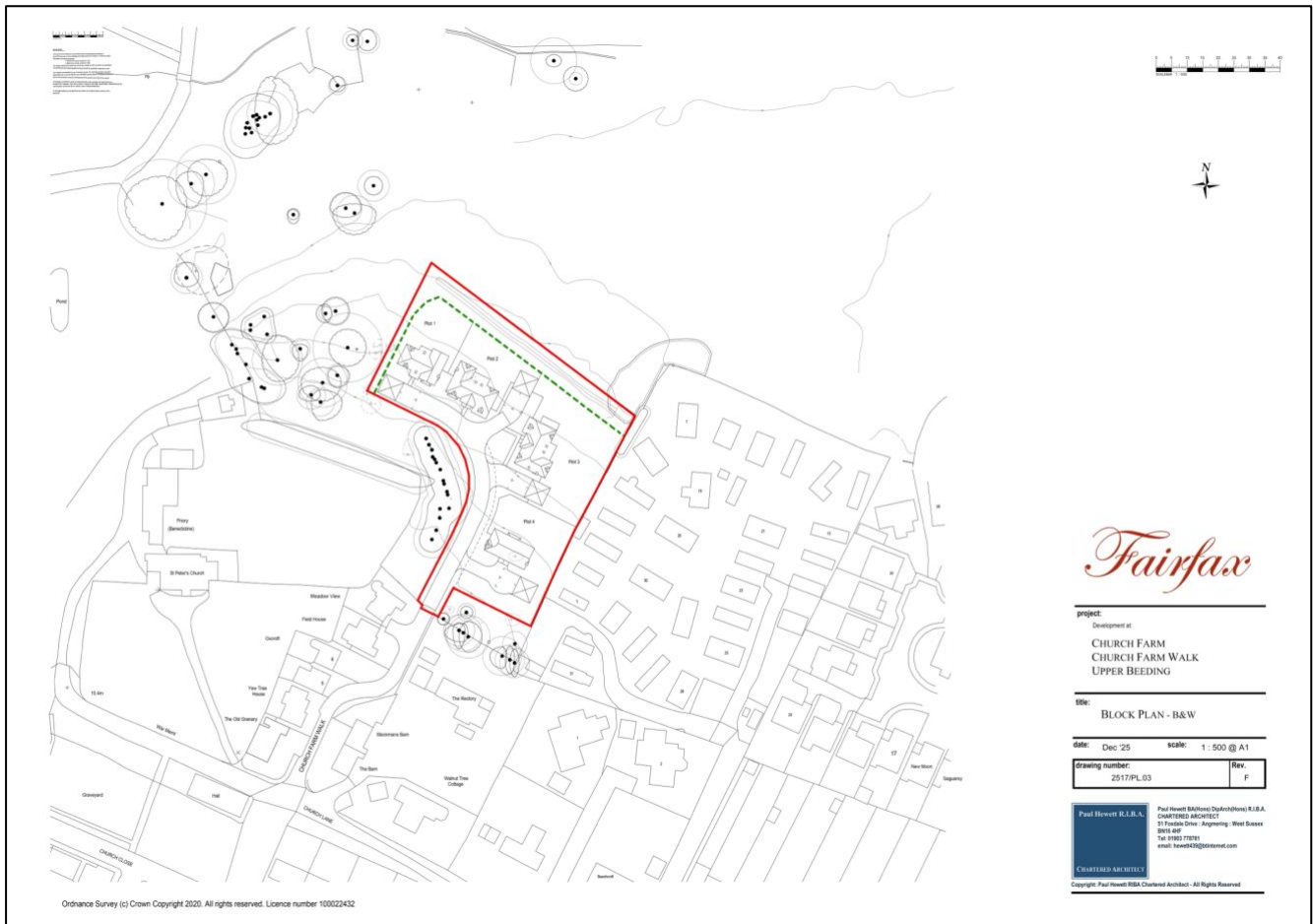


Figure 2. Proposed scheme layout for the development at Church Farm, reproduced from Paul Hewett RIBA Chartered Architect, drawing number 2517/PL.03, version F, dated December 2025.

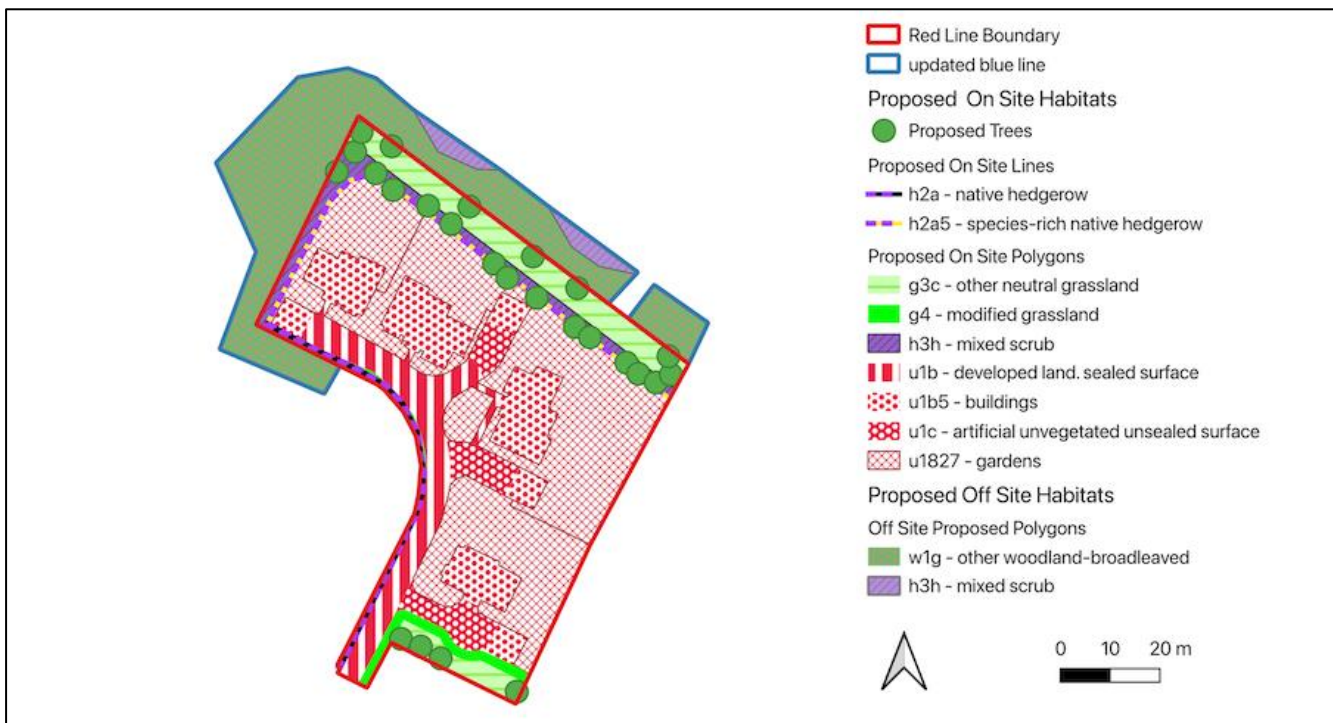


Figure 3. UKHab map showing proposed habitats within the site. The site boundary is indicated with a red line and the wider ownership boundary with a blue line. Produced using QGIS software, version 3.36 Maidenhead.



1.3 Summary of Previous Survey Work

A Preliminary Ecological Appraisal (PEA), completed by The Ecology Co-op in June and October 2021³ identified the potential for reptiles and commuting/foraging bats to be present on the site. Phase 2 surveys throughout 2022 revealed that the site supports populations of slow worm *Anguis fragilis* (maximum count of six) and grass snake *Natrix helvetica* (maximum count of 1). The results of the bat activity surveys revealed that the site supports the following species: common pipistrelle *Pipistrellus pipistrellus*, soprano pipistrelle *Pipistrellus pygmaeus*, noctule *Nyctalus noctula*, barbastelle *Barbastella barbastellus*, and *Myotis* sp.

A PEA with UKHab, completed by The Ecology Co-op in August 2025⁴ identified that the site still holds potential for reptiles and commuting/foraging bats. Updated Phase 2 surveys for these species have been recommended as appropriate.

1.4 Policy and Legislation

NPPF (2024)

The NPPF sets out the Government's view on how planners should balance nature conservation with development and helps ensure that Government meets its biodiversity commitments with regards to the operation of the planning system.

Paragraph 187d, states that planning policies and decisions should contribute to and enhance the local environment by:

- “*minimising impacts on and providing net gains for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures.*”

Paragraph 192b, states that to protect and enhance biodiversity and geodiversity, plans should;

- “*promote the conservation, restoration and enhancement of priority habitats, ecological networks and the protection and recovery of priority species; and identify and pursue opportunities for securing measurable net gains for biodiversity.*”

Paragraph 193d, states that when determining planning applications, authorities should apply the following principle:

- “*development whose primary objective is to conserve or enhance biodiversity should be supported; while opportunities to improve biodiversity in and around developments should be integrated as part of their design, especially where this can secure measurable net gains for biodiversity or enhance public access to nature where this is appropriate.*”

Environment Act (2021)

The Environment Act sets a target of halting the decline in species through the inclusion of a legally binding 2030 species abundance target. Aiming to restore natural habitats and enhance biodiversity, the Act requires new developments to improve or create habitats for nature (through mechanisms such as mandatory Biodiversity Net Gain), and tackle deforestation. Going forwards, UK businesses will need to look closely at their supply chains as amongst other measures they will be prohibited from using commodities associated with wide-scale deforestation. Woodland protection measures are also strengthened through the Act.



Local Policy – Horsham District Planning Framework⁵:

Horsham District Council's Policy 25: Strategic Policy: The Natural Environment and Landscape Character:

The council will support development that: [...]

Maintains and enhances the existing network of geological sites and biodiversity, including safeguarding existing designated sites and species, and ensures no net loss of wider biodiversity and provides net gains in biodiversity where possible [...]

Horsham District Council's Policy 31: Green Infrastructure and Biodiversity:

Development proposals will be required to contribute to the enhancement of existing biodiversity, and should create and manage new habitats where appropriate. The Council will support new development which retains and/or enhances significant features of nature conservation on development sites. The Council will also support development which makes a positive contribution to biodiversity through the creation of green spaces, and linkages between habitats to create local and regional ecological networks.

Horsham District Council's Policy 37 – Sustainable Construction

To deliver sustainable design, development should incorporate the following measures where appropriate according to the type of development and location: [...] Incorporate measures which enhance the biodiversity value of development

2 METHODOLOGY

This Biodiversity Impact Calculation uses the Statutory Biodiversity Metric calculation tool published by Natural England⁶. This is used to calculate 'habitat units' and 'hedgerow units' by multiplying the area (ha) or lengths (km), 'distinctiveness' (habitat type), 'condition' (quality), and strategic significance (location in relation to the authority's local strategy) of each habitat parcel.

The calculation provides a negative value to the biodiversity units where habitat is being directly lost to development. Where habitats are enhanced or created on-site, or off-site, the calculation gives a positive value but adds risk factors that account for uncertainty - difficulty in creating new habitats and time delays while they establish; habitats that are more difficult to restore or that will take a long time to reach a set target condition will score lower and therefore make a smaller positive contribution.

Where on-site gains are equal to or larger than the losses, the project is deemed to have neutral biodiversity impact or biodiversity 'net gain' respectively.

Where on-site gains do not outweigh on-site losses and a biodiversity 'net loss' is calculated, this becomes an 'offset requirement'. Offsets can be provided by further habitat creation or enhancement in-situ or elsewhere and are assessed using the same metric to balance the predicted gains against the losses to ensure no net loss will be achieved. It follows that a biodiversity net gain can still be achieved by providing higher biodiversity gains through the offset than the net loss resulting from the development.

⁵ Horsham District Council (2015) Horsham District Planning Framework available online at: <https://www.horsham.gov.uk/planning/local-plan/read-the-current-local-plan>

⁶ Natural England (2023) *The Statutory Biodiversity Metric – Calculation Tool*. Available online at: <https://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides>



Note that the metric does not allow for ‘trading down’; one of the key principles in measuring biodiversity net losses or gains is that habitats of high ecological importance cannot be offset by the creation of larger areas of habitats with lower value. The Statutory Biodiversity Metric calculation tool includes a ‘trading down correction’ that deducts the number of biodiversity units that are not accounted for through the creation of equivalent high distinctive habitats than that lost. For example, the loss of a small area of lowland meadow priority habitat (high distinctiveness) will not be offset by a larger area of modified grassland (medium distinctiveness) and will only be offset by an equivalent area of habitat of the same distinctiveness or higher.

2.1 Data Sources

This calculation uses the most up to date survey information, using botanical data and specific condition assessments gathered during the site visit on 11th August 2025 (and 11th September 2025 for off-site habitats). The areas of each habitat category were measured using GIS Mapping Tools (QGIS). Condition assessments were made in accordance with the Statutory Biodiversity Metric condition assessments document⁷ and the Statutory Biodiversity Metric: draft user guide⁸. Applying the precautionary principle, a presumption for the higher condition was used where there was any uncertainty in the condition of existing habitats.

To predict habitat/hedgerow units supported after by the site after completion of the development, the aerial imagery was overlaid by the proposed scheme layout (see Figure 2). This allowed direct losses of habitats to be measured where the built environment overlaps with pre-existing habitat, with gardens and amenity areas treated separately. The habitats that are ‘created’ after development are assumed to achieve the highest level of condition as appropriate; a separate landscape and enhancement plan should be produced to ensure this condition is achieved.

The Statutory Biodiversity Metric calculation tool uses a separate calculator spreadsheet for linear features. This works under the same principles as above but replaces areas of habitat with linear length of a feature. It should be noted that because linear features often have higher ecological importance, linear habitats are assigned higher distinctiveness and must be offset with other linear features. The hedgerow units generated for linear features are not equivalent or interchangeable with biodiversity calculations for areas of habitat.

3 RESULTS

3.1 Existing Habitats Assessment

A summary of habitats and condition assessments is provided in Table 1. Full results of condition assessments for habitats which require it (using the Statutory Biodiversity Metric condition assessment document) are provided in Appendix 1.

Overall, the on-site calculated baseline is 1.96 habitat units. The off-site calculated baseline is 2.26 habitat units.

⁷ Natural England (2023) *Statutory Biodiversity Metric Condition Assessments* Available online at: <https://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides>

⁸ Natural England (2023). *Statutory Biodiversity Metric draft user guide*. Available online at: <https://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides>



Table 1. Existing habitat conditions for Church Farm.

On-site habitats		Condition Assessments
Bramble Scrub (h3d)	Recently cleared/ flailed bramble <i>Rubus fruticosus</i> scrub throughout the site.	N/A
Off-site habitats		Condition Assessments
Blackthorn scrub (h3a)	One stand of blackthorn <i>Prunus spinosa</i> scrub bordering the northeastern corner of the site.	Poor
Bramble Scrub (h3d)	Recently cleared/ flailed bramble <i>Rubus fruticosus</i> scrub west of the site.	N/A
Modified Grassland	Rye grass <i>Lolium perenne</i> and Yorkshire fogg dominant <i>Holcus lanatus</i> , with some scattered scrub	Poor

3.2 Habitat Losses and Gains

The proposed development scheme at this site will result in the loss of:

On-site

- 0.49ha of bramble scrub h3d (condition N/A)

Post-intervention the following habitats will be created:

On-site

- 0.064ha of developed land; sealed surface - u1b (condition N/A)
- 0.077ha of buildings - u1b5 (condition N/A)
- 0.227ha of vegetated garden - u1827 (condition N/A)
- 0.027ha of artificial unvegetated, unsealed surface – u1c (condition N/A)
- 0.019ha of modified grassland – g4 (poor condition)
- 0.057ha of other neutral grassland – g3c (poor condition)
- 0.029ha of mixed scrub - h3h (poor condition)
- 0.114km of species-rich native hedgerow – h2a5 (poor condition)
- 0.08km of native hedgerow - h2a (poor condition)
- 0.1018ha of individual rural trees (25 small trees in moderate condition).

Off-site

- 0.1215ha of other woodland; broadleaved – w1g (poor condition) and 0.012ha of other woodland; broadleaved – w1g (poor condition)
- 0.0057ha of mixed scrub – h3h (good condition) and 0.0052ha of mixed scrub – h3h (good condition).

Post-intervention the following habitats will be enhanced:

Off-site

- 0.024ha of blackthorn scrub (poor condition) to blackthorn scrub (good condition)
- 0.4276ha bramble scrub (condition N/A) - h3d to blackthorn scrub (good condition)..

The overall results of the calculations are presented in Table 2 and the trading summaries for relevant habitats



(area habitats) are shown in Table 3. Please refer to the Statutory Biodiversity Metric calculation tool supplied with this document (submitted separately) for full details of the calculation.

Table 2. Headline results of the Biodiversity Impact Calculation for the proposed development at Church Farm.

On-site baseline	<i>Area habitat units</i>	1.96
	<i>Hedgerow units</i>	0.00
	<i>Watercourse units</i>	0.00
On-site post-intervention (Including habitat retention, creation & enhancement)	<i>Area habitat units</i>	1.16
	<i>Hedgerow units</i>	0.86
	<i>Watercourse units</i>	0.00
On-site net change (units & percentage)	<i>Area habitat units</i>	-0.80
	<i>Hedgerow units</i>	0.86
	<i>Watercourse units</i>	0.00
Off-site baseline	<i>Area habitat units</i>	2.24
	<i>Hedgerow units</i>	0.00
	<i>Watercourse units</i>	0.00
Off-site post-intervention (Including habitat retention, creation & enhancement)	<i>Area habitat units</i>	5.31
	<i>Hedgerow units</i>	0.00
	<i>Watercourse units</i>	0.00
Off-site net change (units & percentage)	<i>Area habitat units</i>	3.07
	<i>Hedgerow units</i>	0.00
	<i>Watercourse units</i>	0.00
Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Area habitat units</i>	2.27
	<i>Hedgerow units</i>	0.86
	<i>Watercourse units</i>	0.00
Spatial risk multiplier (SRM) deductions	<i>Area habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>Watercourse units</i>	0.00
FINAL RESULTS		
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Area habitat units</i>	2.27
	<i>Hedgerow units</i>	0.86
	<i>Watercourse units</i>	0.00
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Area habitat units</i>	115.58%
	<i>Hedgerow units</i>	N/A
	<i>Watercourse units</i>	0.00%
Trading rules satisfied?	Yes ✓	



Table 3. Trading results for area habitats for the proposed development at Church Farm.

Medium Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change	Cumulative broad habitat change
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins pollen and nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Grassland - Other lowland acid grassland	Grassland	0.00	0.00	0.00	0.21
Grassland - Other neutral grassland	Grassland	0.21	0.00	0.21	
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Blackthorn scrub	Heathland and shrub	0.00	-2.14	-2.14	
Heathland and shrub - Bramble scrub	Heathland and shrub	-1.96	-2.12	-4.08	0.03
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hazel scrub	Heathland and shrub	0.00	0.00	0.00	0.11
Heathland and shrub - Mixed scrub	Heathland and shrub	0.11	4.14	4.25	
Lakes - Ponds (non-priority habitat)	Lakes	0.00	0.00	0.00	
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Other inland rock and scree	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	
Individual trees - Urban tree	Individual trees	0.00	0.00	0.00	
Individual trees - Rural trees	Individual trees	0.26	0.00	0.26	
Woodland and forest - Other Scots pine woodland	Woodland and forest	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland; broadleaved	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland; mixed	Woodland and forest	0.00	0.00	0.00	
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI)	Intertidal hard structures	0.00	0.00	0.00	
		-1.28	1.88	0.60	

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset lower distinctiveness deficit	0.00 ✓
Medium Distinctiveness broad habitat losses to be offset by trading up	0.00
Medium Distinctiveness Unit deficit (required to meet trading rules)	0.00

4 CONCLUSIONS

The Statutory Biodiversity Metric calculation has demonstrated that the proposed scheme will result in a likely net gain of **2.27 (+115.58%)** and **0.86 hedgerow units**.

The current scheme satisfies the trading rules within the Statutory Biodiversity Metric. It also exceeds the 10% mandatory net gain value set out within the Environment Act 2021.

Should you need any further advice on the information provided above, please do not hesitate to contact The Ecology Co-op.



APPENDIX 1 – Habitat Condition Assessment Sheets

S1- Bramble Scrub (h3d) (on site)

UKHab Primary Name

Bramble scrub

Metric Broad Habitat

Heathland and shrub

Metric Habitat

Bramble scrub

h3d

Secondary Codes

UKHab code **h3d**

Species information

[View species information](#)

🌀 **10** Total species recorded

📏 **0** Quadrats recorded

🌿 **3** Total native woody species

📊 **0.0** Mean species per quadrat

Habitat Notes



Cleared bramble scrub. Failed

Condition of habitat

Condition Assessment N/A

1

Distinctiveness

Medium

4





10 species recorded

Select species to see more information

Search for a Species



Rubus fruticosus agg. (Bramble)

Pteridium aquilinum (Bracken)

Dactylis glomerata (Cock's-foot)

Urtica dioica (Common Nettle)

Prunus spinosa (Blackthorn)

Sambucus nigra (Elder)

Plantago major (Greater Plantain)

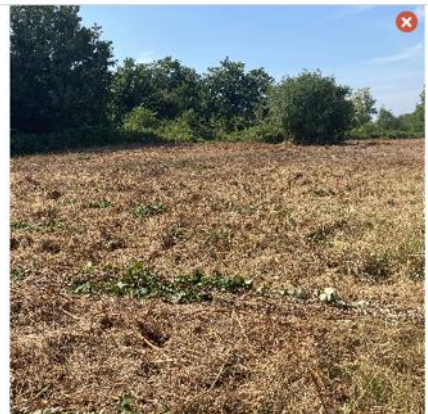
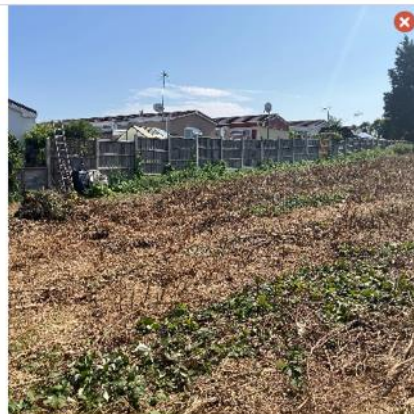
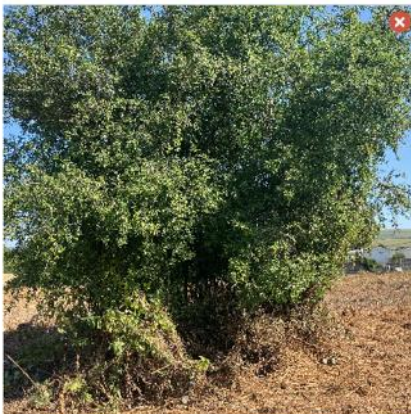
Hedera helix (Common Ivy)

Arum maculatum (Lords-and-Ladies)

Acer pseudoplatanus (Sycamore)

Photos of habitat features and relating to the condition assessment

Upload Image





Off S2 – Blackthorn Scrub (h3a) – poor condition

UKHab Primary Name Blackthorn scrub		h3a
Metric Broad Habitat Heathland and shrub	Metric Habitat Blackthorn scrub	

Secondary Codes	UKHab code h3a
-----------------	-----------------------

Species information		View species information
7 Total species recorded	☐ 0 Quadrats recorded	
2 Total native woody species	0.0 Mean species per quadrat	

Condition of habitat Poor	1	Distinctiveness Medium	4
View assessment			





Church Farm, Upper Beeding – BIODIVERSITY IMPACT CALCULATION

Condition Criteria Assessment for Scrub		Total Score: 0
A. The scrub is a good representation of the habitat type it has been identified as, based on its UKHabit description (where in its natural range). The appearance and composition of the vegetation closely matches the characteristics of the specific scrub type. At least 80% of scrub is native, and there are at least three native woody species, with no single species comprising more than 75% of the cover (except hazel <i>Corylus avellana</i>, common juniper <i>Juniperus communis</i>, sea buckthorn <i>Hippophae rhamnoides</i> or box <i>Buxus sempervirens</i>, which can be up to 100% cover).	Notes Blackthorn dominant	
B. Seedlings, saplings, young shrubs and mature (or ancient or veteran) shrubs are all present.	Notes	
C. There is an absence of invasive non-native plant species (as listed on Schedule 9 of WCA) and species indicative of sub-optimal condition make up less than 5% of ground cover.	Notes	
D. The scrub has a well-developed edge with scattered scrub and tall grassland and/or herbs present between the scrub and adjacent habitat(s).	Notes	
E. There are clearings, glades or rides present within the scrub, providing sheltered edges.	Notes	

7 species recorded

Select species to see more information

Search for a Species



Prunus spinosa (Blackthorn)

Rubus fruticosus agg. (Bramble)

Crataegus monogyna (Hawthorn)

Cirsium arvense (Creeping Thistle)

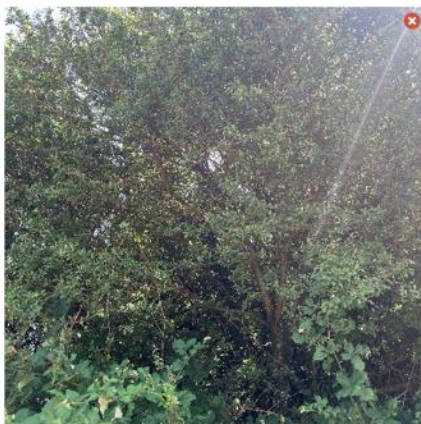
Heracleum sphondylium (Hogweed)

Clematis vitalba (Traveller's-joy)

Urtica dioica (Common Nettle)

Photos of habitat features and relating to the condition assessment

Upload Image





OffS2 – Bramble Scrub (condition N/A)

UKHab Primary Name Bramble scrub	h3d
Metric Broad Habitat Heathland and shrub	
Metric Habitat Bramble scrub	

Secondary Codes	UKHab code h3d
-----------------	----------------

Species information View species information	
11 Total species recorded	0 Quadrats recorded
4 Total native woody species	0.0 Mean species per quadrat

Condition of habitat Condition Assessment N/A	1	Distinctiveness Medium	4
--	---	---------------------------	---





Church Farm, Upper Beeding – BIODIVERSITY IMPACT CALCULATION

11 species recorded

Select species to see more information

Search for a Species



Rubus fruticosus agg. (Bramble)

Holcus lanatus (Yorkshire-fog)

Cirsium vulgare (Spear Thistle)

Lolium perenne (Perennial Rye-grass)

Prunus spinosa (Blackthorn)

Sambucus nigra (Elder)

Heracleum sphondylium (Hogweed)

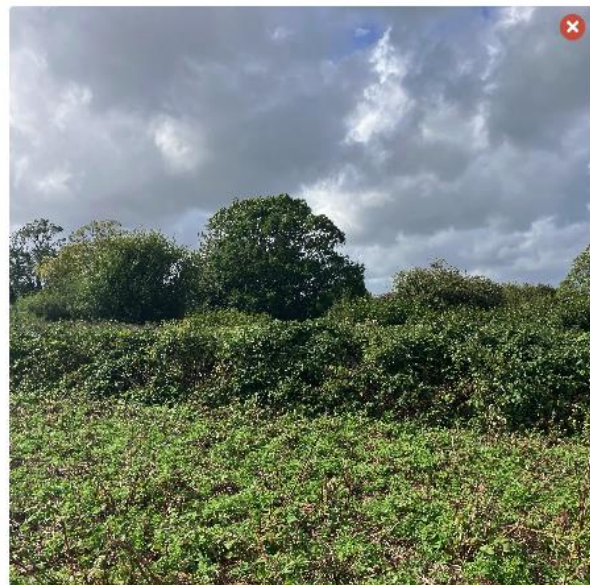
Galium aparine (Cleavers)

Crataegus monogyna (Hawthorn)

Phragmites australis (Common Reed)

Fraxinus excelsior (Ash)

Photos of habitat features and relating to the condition assessment





Church Farm, Upper Beeding – BIODIVERSITY IMPACT CALCULATION

OffS3 – Modified Grassland (condition Poor)

Grassland Metric Broad Habitat	Metric Habitat Modified grassland	1 Condition Assessment Score	Poor Condition Assessment Results	2 Distinctiveness
16 Total Species	0 Quadrats recorded	0.0 Mean species per quadrat	1 Total native woody species	
UKHab Primary Name Modified grassland		g4 Primary Code		
UKHab Combined Code g4 10				
Secondary Code 1 10		Secondary Name 1 Scattered scrub		
Score: 1 Result: Poor				
Condition Criteria Assessment for Grasslandlow				
A. There are 6-8 vascular plant species per m2 present, including at least 2 forbs (this may include those listed in Footnote 1).				FALSE
B. Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20 per cent is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed.				TRUE
C. Scrub accounts for less than 20% of total grassland area.				FALSE
D. Physical damage evident in less than 5% of total grassland area.				TRUE
E. Cover of bare ground between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens).				TRUE
F. Cover of bracken is <20%.				TRUE
G. There is an absence of invasive non-native species (as listed on Schedule 9 of WCA, 1981)				TRUE

