

COYNE ENVIRONMENTAL LTD

**Oxleaze Business Park
Greenhill
Royal Wootton Bassett
SN4 8EH**



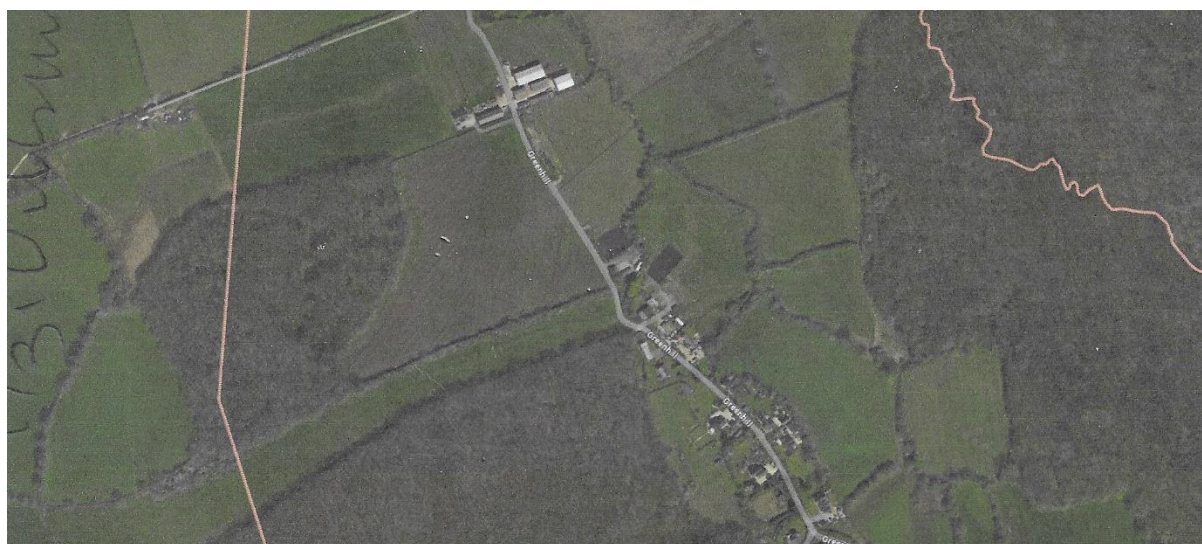
Biodiversity Net Gain Report November 2024

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INTRODUCTION

Coyne Environmental Ltd has been instructed by Offgrid Architecture to carry out an Ecological Assessment of Oxleaze Business Park, Greenhill, Royal Wotton Bassett, SN4 8EH. A Preliminary Ecological Appraisal (PEA) has found on ecology of significance on site and a Biodiversity Net Gain (BNG) in accordance with the Environment Act 2021 has achieved a **10.22%** habitat net gain and **10.28%** hedgerow net gain with mitigation, all on site. This is for a planning application to Wiltshire Council (WC) to develop the site.

I am a qualified Ecologist, with over 40 years' experience in the environmental field. This includes being a licence bat worker (Bat Licence 2015-15943-CLS-CLS). The initial Ecological Assessment survey was carried out on the 18th July 2024.



HEADLINE RESULTS

Total net unit change		
	Habitat Units	10.22%
	Hedgerow Units	10.28%
Total net % change		
	Habitat Units	10.22%
	Hedgerow Units	10.28%
Habitats units needed required to meet target		
	Habitat Units	00.00
	Hedgerow Units	00.00

This indicates that the required BNG will be achieved with additional mitigation, to gain the necessary overall 10% gain, as seen in the Detailed Results and as will be set out in the Report

ASSESSMENT RESULTS

Base Line Value		
	Habitat Units	0.05
	Hedgerow Units	0.92
Post development value		
	Habitat Units	0.05
	Hedgerow Units	1.02
On site net change		
	Habitat Units	0.01
	Hedgerow Units	0.92
Cumulative net change		
	Habitat Units	0.01
	Hedgerow Units	0.92
Total net % change		
	Habitat Units	10.22%
	Hedgerow Units	10.28%

DETAILED RESULTS

Type	Target	Baseline Unit	Unit Required	Unit Deficit	Note
Habitat Unit	10%	0.05	0.05	0.00	No additional habitat units needed to meet target
Hedgerow Unit	10%	0.92	1.02	0.000	No additional habitat units needed to meet target

ANALYSIS

The Biodiversity Metric shows a Total Net % change habitat unit for the scheme of **10.22%** and a Total Net % change hedgerow unit of **10.28%** so the overall BNG does gains the minimum 10.00 % required. This therefore meets the Environment Act 2021 Mandatory Requirement for information on biodiversity.

REVIEW

To achieve the 10.22% habitat net gain and 10.28% hedgerow net gain, it will be necessary to enhance the areas from poor to moderate condition as follows:

- **81m²** mixed scrub (native scrub species, *Crataegus monogyna*, *Prunus spinosa*, *Sambucus nigra*), ensuring a structurally diverse scrub mosaic
- **51m lin.** Enhance existing hedges (native species *Corylus avellana*, *Cornus sanguinea*, *Acer campestre*, *Rosa arvensis*), ensuring at least 80% native species composition. Fill in gaps or sparse sections to create a dense and continuous hedgerow
- **2m lin.** Wildflower buffer strip or tussocky grassland along both sides of the hedgerow to increase foraging opportunities and create habitat for pollinators and small mammals

- Ensure that invasive or non-native species cover is kept below 1% and that deadwood or unmanaged sections are retained for biodiversity.
- These enhancements should be incorporated into an ecological plan

Enhancement Measures

- Incorporate varying height structures to support nesting birds and provide foraging habitats for invertebrates and small mammals, while maintaining connectivity.
- Avoid non-native or invasive species and ensure less than 1% cover of undesired species to meet moderate condition requirements.
- Introduce a buffer of tussocky grassland or wildflower planting around the scrub to further enhance ecological value and connectivity.
- Ensure the new scrub is managed through light trimming to maintain its structural integrity and biodiversity value over time
- Avoid non-native or invasive species and ensure less than 1% cover of undesired species to meet moderate condition requirements.

A Preliminary Ecological Analysis (PEA) has been undertaken and found no ecology of significance. The requirement for information on Biodiversity Net Gain (BNG) has now been undertaken, using the Statutory Biodiversity Metric and indicates that the 10% gain can be achieved with additional landscape mitigation. The two Reports and the accompanying Excel Sheet form a joint proposal of the Ecological Assessment (EA) indicating that the development will have minimal effect on ecology and provide the opportunity to increase the areas biodiversity.

CONCLUSION

Coyne Environmental Ltd has been instructed to assess the potential presence or absence of protected ecological features of significance of Oxleaze Business Park, Greenhill, Royal Wotton Bassett, SN4 8EH and carry out an assessment to obtain a Biodiversity Net Gain (BNG) in accordance with the Environment Act 2021. This is part of a planning proposal to be submitted to Wiltshire Council.

In accordance with BCT Guidelines and having regard to the Conservation of Habitats and Species Regulations 2017, I conclude that this site does not contain evidence of areas of significance and high biodiversity value, including European Protected Species (EPS). I assess that no further surveys would be needed to confirm this absence.

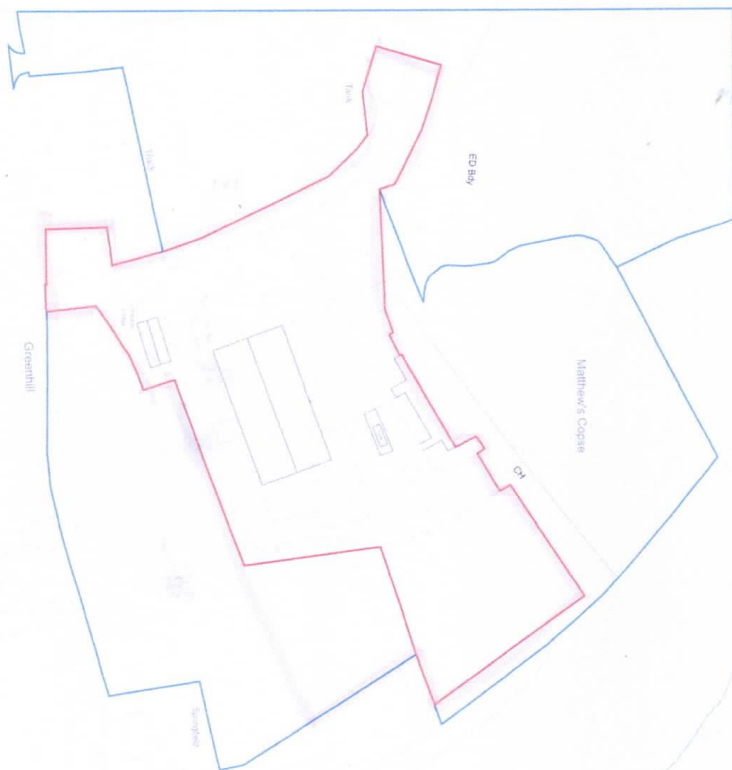
Therefore, in my professional opinion the Preliminary Ecological Appraisal Report and the recommendations in this Biodiversity Net Gain Report with accompanying Excel spread sheet, should satisfy the requirements in respect of ecology and biodiversity enhancement. The application can be considered on this basis and that no further environment surveys are necessary to determine the Application to the Local Planning Authority.

EXG. LOCATION PLAN 1:1250

0 5 10 20
50m

1:1250

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→ To Lyndell Green



SURVEY

EXTENDING & ALTERATIONS

Owner: Burrell Farm, Gwent, Royal Wootton Bassett, SN4 6PP
 Date: 08/04/2015
 Project: EXG LOCATION PLAN
 Drawn: 17/09/2015
 Scale: 1:1250
 Date: 2015 001