

Biodiversity Net Gain Supplementary Note

Land off Edmunds Road
Worsborough
Barnsley
S70 4TA



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**Haslam Ecology
Wolverhampton**

Project

Biodiversity Net Gain- Supplementary Note
Land off Edmunds Road, Worsborough, Barnsley. S70 4TA.

Date: 8th September 2024

Description:

Supplementary Note to accompany the Statutory Biodiversity Net Gain Metric (V.4.0) in relation to a residential development proposal.

Author

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Disclosure

The information which I have prepared and provided is true and has been prepared and given in accordance with the guidance of my professional institution's Code of Professional Conduct, and I confirm that the opinions expressed are my true and professional opinions.

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1 Introduction

1.1 Terms of Reference

Haslam Ecology has been commissioned by the owners to undertake a Biodiversity Net Gain (BNG) calculation for a planning application for a residential development on a small area of land off Edmunds Road, Worsborough. The site was surveyed on 24th July 2024.

The site (approximately 670m²) is a small plot of land adjacent to a residential area. At the time of the survey, the site had been cleared of fly tipping and the dominant habitat is tall herb/ruderal.

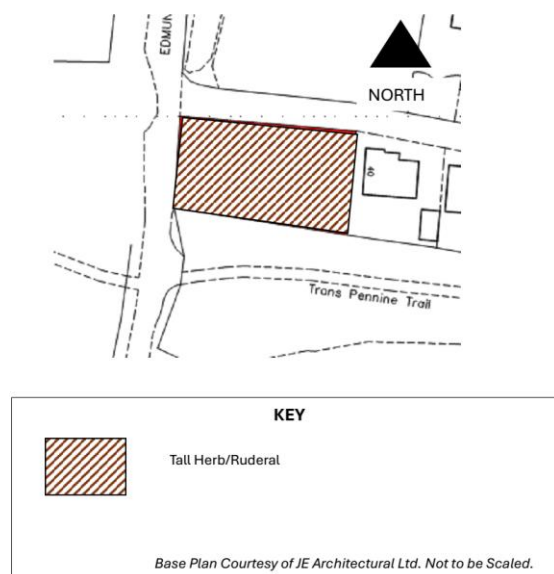
The scale of this development falls within the criteria of the Statutory Small Sites Biodiversity Net Gain metric (Defra February 2024) and there is a requirement for the developed site to have a minimum 10% net gain for the biodiversity enhancement to compensate for the loss of habitats through the proposed planning application.

This note is to provide additional information and clarification of features on the site and is to be read in conjunction with the Statutory Biodiversity Metric which is supplied as a separate Excel file.

2 Site Habitats

There is only one habitat within the site which is Tall Herb/Ruderal with a dominance of creeping thistle (75%), with nettle, false-oat grass, comfrey, bracken, cock's-foot grass, mugwort, rosebay willowherb, hogweed and common couch grass amongst others at low frequencies. Due to the dominance of creeping thistle and the low frequencies of other plants, the habitat is classed as ecologically poor.

Figure 2.1. Phase 1 Habitat Plan.



3 Biodiversity Net Gain

The habitat baseline biodiversity units (BU) for the site has been calculated as 0.268, in order to compensate for the loss of tall herb habitat and to provide a 10% net gain, the following habitat enhancements are proposed.

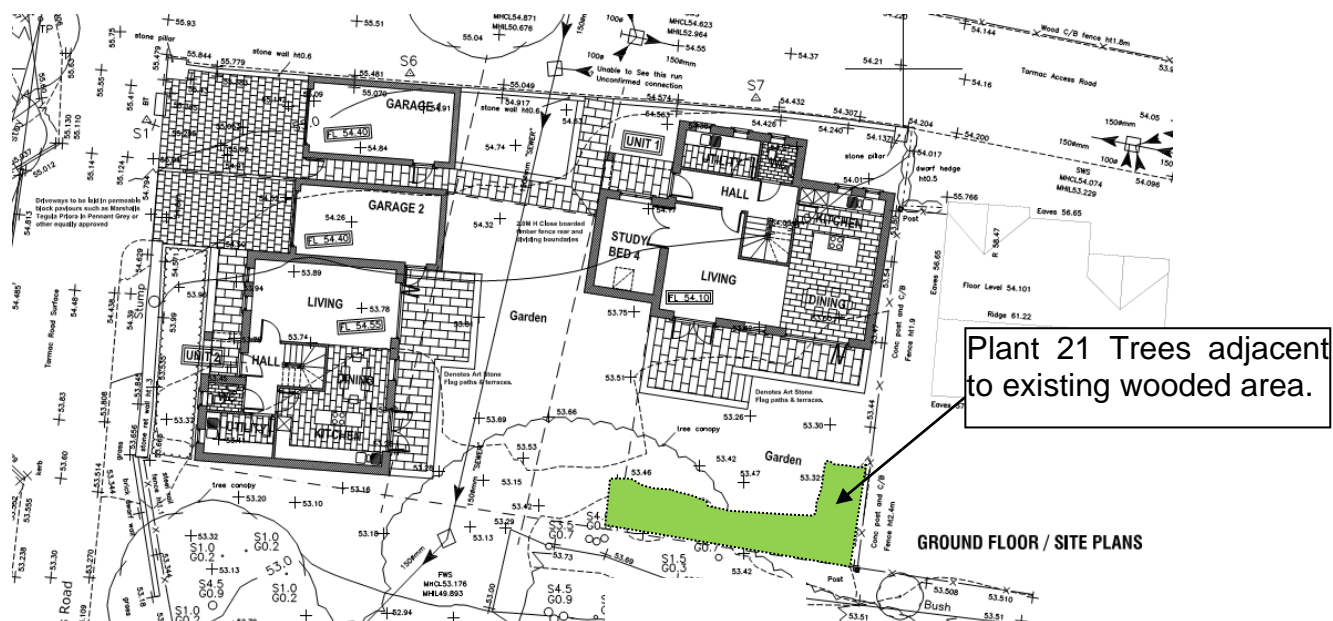
- Plant 21 trees along the southern boundary.

The above enhancements will provide 0.0321 BU giving a 11.96% net gain.

Table 3.1: Biodiversity Net Gain Headline Results.

Site Name		Land off Edmunds Road, Worsborough	
Sheet Name		Headline Results	
Headline Results			
Headline		BNG Targets Met ✓	
Trading Rules		Trading Rules Satisfied ✓	
Next steps		Check for input errors/rule breaks present in the metric ⚠	
Baseline Units	Habitat units	0.2680	
	Hedgerow units	Zero Units Baseline	
	Watercourse units	Zero Units Baseline	
Post-development Units	Habitat units	0.3001	
	Hedgerow units	0.0000	
	Watercourse units	0.0000	
Total net unit change	Habitat units	0.0321 ✓	
	Hedgerow units	0.0000	
	Watercourse units	0.0000	
Total net % change	Habitat units	11.96% ✓	
	Hedgerow units	% target not appropriate	
	Watercourse units	% target not appropriate	

Figure 3.1. Biodiversity Enhancement Areas (outline).



Specifications.

Tree Planting – use bare rooted whips at a density of 1 per 2m²

Species Mix:

- Wild Cherry (*Prunus avium*) - 5
- Field Maple (*Acer campestre*) – 4
- Rowan (*Sorbus aucuparia*) - 8
- Whitebeam (*Sorbus aria*) - 4

Planting period: October-March.

Management: During first year keep watered during dry weather, replace dead trees on a like for like basis.

4 Photographs.

Site Aerial.



General Views:



