

BEN BANK ROAD, SILKSTONE COMMON**BIODIVERSITY NET GAIN (BNG) SUMMARY REPORT**

March 2025

	Name	Date
Lead Author	Amy Wardle BA (Hons.) MA, Consultant Ecologist	04/03/2025
1 st Check	John Harvey ACIEEM MA (Hons.), Senior Ecologist, NE Bat and GCN Class 1 Licence Holder and Badger Low Impact Class Holder	04/03/2025
Final Check	Cian Oldfield MRes (Hons.), Assistant Ecologist	04/03/2025
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1 SUMMARY

It is considered that the development, if granted, would be subject to the biodiversity gain condition.

The pre-development biodiversity value of the onsite habitats has been determined using the habitat condition assessments contained within the accompanying Preliminary Ecological Appraisal and the Statutory Defra Biodiversity Metric (published 23/07/2024), and are as follows:

- **2.70 Habitat Units**
- **0.05 Hedgerow Units**

It is noted that there was previous removal of scrub on the site in winter 2024/5, and to accurately record the pre-development biodiversity value, these have been included within the baseline UKHabs Plan (see Appendix A) and contained within the accompanying metric.

As the site layout is fixed, the post-intervention habitats are detailed in the UKHabs Post-Development Plan (Appendix B) and have been entered into the metric (as a Draft Biodiversity Gain Plan).

- Private garden;
- Hard-standing and buildings;
- Grassland (verge).
- Hedgerows and tree planting

Based on the Statutory Defra Biodiversity Metric calculations, the proposed development will result in an overall change in **Habitat Units to -45.82** (-1.24 Habitat units), a change in **Hedgerow units to +896.85%** (+0.43 Hedgerow units).

This is summarised in the Headline Results extract in Figure 1 below.

To achieve the 10% net gain target required by the Environment Act (2021), **1.51 Habitat units** will need to be provided as off-site compensation.

In order to achieve trading rules, these units must specifically comprise **1.51 Habitat units of 'Medium' distinctiveness Heathland and Shrub (the same broad habitat)** or a higher distinctiveness habitat.

These units will need to be provided post-planning by the applicant (listed in order of most favorable to least favorable option¹):

- On other land within the applicant's ownership;
- Through a habitat bank;
- Or as a last resort through DEFRA's Statutory Biodiversity Credit system.

This can be secured via the pre-commencement 'Biodiversity Gain Condition'.

All subsequent on-site landscape plans / strategies submitted for approval must have due regard to habitat prescriptions provided within the user comments section of BNG metric to ensure that the targeted habitat and conditions will be achieved.

¹ At the time of writing, South Yorkshire does not have a published LNRS or means to provide Units at a local scale. This would be the second most-favourable delivery option if/when available.

On-site baseline	Habitat units	2.70		On-site net gain is less than target set ▲	
	Hedgerow units	0.05			
	Watercourse units	0.00			
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	1.46			
	Hedgerow units	0.48			
	Watercourse units	0.00			
On-site net change (units & percentage)	Habitat units	-1.24	-45.82%		
	Hedgerow units	0.43	896.85%		
	Watercourse units	0.00	0.00%		
Off-site baseline	Habitat units	0.00			
	Hedgerow units	0.00			
	Watercourse units	0.00			
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.00			
	Hedgerow units	0.00			
	Watercourse units	0.00			
Off-site net change (units & percentage)	Habitat units	0.00	0.00%		
	Hedgerow units	0.00	0.00%		
	Watercourse units	0.00	0.00%		
Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-1.24			
	Hedgerow units	0.43			
	Watercourse units	0.00			
Spatial risk multiplier (SRM) deductions	Habitat units	0.00			
	Hedgerow units	0.00			
	Watercourse units	0.00			
FINAL RESULTS					
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-1.24			
	Hedgerow units	0.43			
	Watercourse units	0.00			
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-45.82%	Total net gain achieved is less than target set ▲		
	Hedgerow units	896.85%			
	Watercourse units	0.00%			

Figure 1: Extract of BNG Metric Headline Final Results

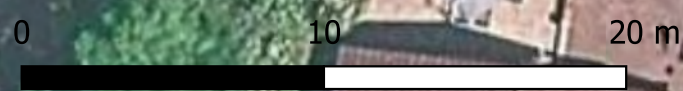
APPENDIX A: UKHABS BASELINE PLAN



Key

- Red Line Boundary
- Rabbit Warren
- 'Small' Tree
- h2a - Native Hedgerow
- g4 - modified grassland
- h3h - mixed scrub

Google Hybrid



Job: BEN BANK ROAD, SILKSTONE COMMON			
Title: UKHABS BASELINE PLAN			
Scale@A3: 250:1	Drawn: AW	Date: 04/03/25	Drawing no. n/a

APPENDIX B: UKHABS POST-DEVELOPMENT PLAN



Key

- Red Line Boundary
- Existing 'small' tree
- Existing 'Medium' tree
- Existing 'large' Tree
- Proposed Tree
- h2a - Native Hedgerow
- u1e - Built Linear Feature
- g3 - neutral grassland
- u1 - Vegetated Garden
- u1b - developed land; sealed surface
- u1b5 - buildings

Google Hybrid



Job: BEN BANK ROAD, SILKSTONE COMMON			
Title: UKHABS POST-DEVELOPMENT PLAN			
Scale@A3: 250:1	Drawn: AW	Date: 04/03/25	Drawing no. 1926-006