

The Statutory Biodiversity Metric

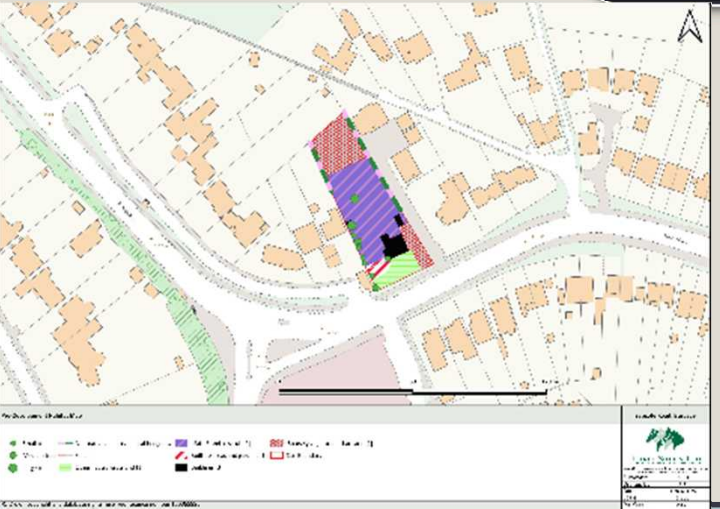
Start page

Project details			
Planning authority:	Hinckley and Bosworth		
Project name:	1 Sapcote Road, Burbage		
Applicant:	HSSP Architects		
Application type:			
Planning application reference:			
Completed by:	Maximilian Cheesman BSc (Hons) MSc		
Date of metric completion:	20 March 2025		
Reviewer:	Nigel Shelton BSc (Hons) MSc MCIEEM		
Calculation iteration:	v1.0		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	0.18	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

Cell style conventions	
<div><div></div></div>	Attention required
<div><div></div></div>	Input error/rules and principles not met
<div><div></div></div>	Use of this cell is not appropriate
<div><div></div></div>	Enter data
<div><div></div></div>	Automatic lookup
<div><div></div></div>	Result

On-site baseline map

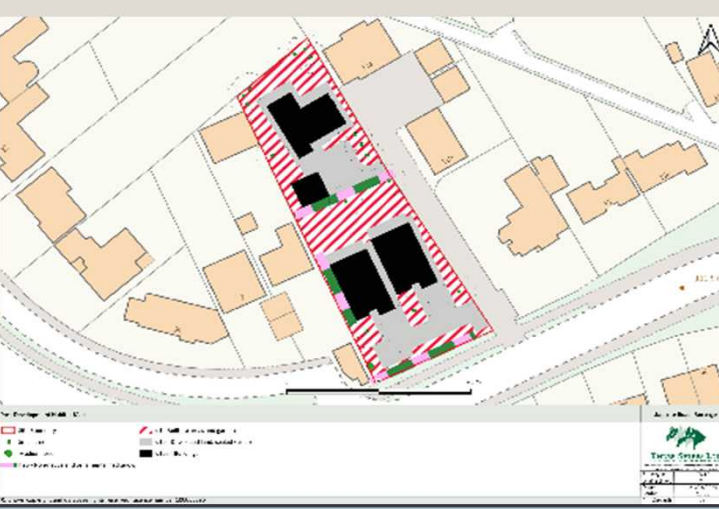
Insert



On-site baseline map reference number

On-site post intervention map

Insert



On-site post-intervention map reference number

Off-site baseline map

Insert

Off-site baseline map reference number

Off-site post intervention map

Insert

Off-site post-intervention reference number

Main menu

Results

View all

Reset view

Key

Area habitats

Hedgerows and lines of trees

Watercourses

The Statutory Biodiversity Metric
Main menu

Start page

Technical data

Results

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	6	0.0244		0.0000
Medium		0.0000	3	0.0489		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	9	0.0733	0	0.0000

Start here



On-site baseline

A-1 On-site Area Habitat Baseline

B-1 On-site Hedge Baseline

C-1 On-site Watercourse Baseline

On-site post development

A-2 On-site Area Habitat Creation

A-3 On-site Area Habitat Enhancement

B-2 On-site Hedge Creation

B-3 On-site Hedge Enhancement

C-2 On-site Watercourse Creation

C-3 On-site Watercourse Enhancement

Off-site baseline

D-1 Off-site Area Habitat Baseline

E-1 Off-site Hedge Baseline

F-1 Off-site Watercourse Baseline

Off-site post development

D-2 Off-site Area Habitat Creation

D-3 Off-site Area Habitat Enhancement

E-2 Off-site Hedge Creation

E-3 Off-site Hedge Enhancement

F-2 Off-site Watercourse Creation

F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

Return to start
page

Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Irreplaceable
habitats summary

Unit shortfall
summary

1 Sapcote Road, Burbage

Headline Results

Scroll down for final results ☐

Return to results menu

On-site baseline	Habitat units	1.23		
	Hedgerow units	0.07		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.28		
	Hedgerow units	0.06		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-0.95		-77.16%
	Hedgerow units	-0.02		-20.68%
	Watercourse units	0.00		0.00%

On-site net gain is less than target set ☐

On-site net gain is less than target set ☐

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 <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-0.95
	Hedgerow units	-0.02
	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 <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-0.95
	Hedgerow units	-0.02
	Watercourse units	0.00

Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-77.16%
	Hedgerow units	-20.68%
	Watercourse units	0.00%

Total net gain achieved is less than target set ▲

Total net gain achieved is less than target set ▲

Trading rules satisfied?	No - Check Trading Summaries ▲
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	1.23	1.36	1.07
Hedgerow units	10.00%	0.07	0.08	0.02
Watercourse units	10.00%	0.00	0.00	0.00

No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Project Name: 1 Sapcote Road, Burbage Map Reference:

A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary

Total Net Unit Change

-0.95

Total Net % Change

-27.16%

Trading Rules Satisfied

No - check trading summaries ▲

Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline		
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance		Strategic significance multiplier	Total habitat units	
1	Grassland	Other neutral grassland	No	0.017034459	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥1)	0.07	
2	Urban	Developed land; sealed surface	No	0.01076237	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00	
3	Urban	Bare ground	No	0.05140044	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.21	
4	Urban	Vegetated garden	No	0.006418695	Low	2	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.01	
5	Heathland and shrub	Bramble scrub	No	0.08989149	Medium	4	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥1)	0.36	
6	Individual trees	Urban tree	No	0.0733	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥1)	0.59	
7														
8														
9														
10														
11														
Total habitat area				0.25										1.23
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)				0.18										

M² to hectares conversion tool:

Select a unit

Hectares

M²

						Comments			
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Despoke compensation agreed for losses of VHDH or irreplaceable habitat	User comments	Planning authority comments	Habitat reference number
0	0	0.00	0.00	0.02	0.07		Front lawn to the south of the bungalow		
0	0	0.00	0.00	0.01	0.00		bungalow and sheds		
0	0	0.00	0.00	0.05	0.21		driveway and bare ground at north of site		
0	0	0.00	0.00	0.01	0.01		garden west of the bungalow		
0	0	0.00	0.00	0.09	0.36		bramble scrub throughout site		
0.0163	0	0.13	0.00	0.06	0.46		10 individual trees		
0.02	0.00	0.13	0.00	0.23	1.10				

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)

0.18

Project Name: 1 Sapcote Road, Burbage Map Reference:

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	-0.02
Total Net % Change	-20.68%
Trading Rules Satisfied	No - check trading summary ▲

Existing hedgerow habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total hedgerow units
1	1	Non-native and ornamental hedgerow	0.05	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.05
2	1	Non-native and ornamental hedgerow	0.023	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.02
3												
4												
5												
6												
7												
			0.07									
												0.07

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0	0	0.00	0.00	0.05	0.05	northeastern laurel hedge		
0	0	0.00	0.00	0.02	0.02	northwestern laurel hedge		
0.00	0.00	0.00	0.00	0.07	0.07			

Project Name: 1 Sapcote Road, Burbage Map Reference:

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	-0.02
Total Net % Change	-20.68%
Trading Rules Satisfied	No - check trading summary ▲

		Proposed habitats		Distinctiveness		Condition		Strategic significance			Temporal multiplier						Difficulty risk multipliers				Hedge units delivered	Comments		
Ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied		User comments	Planning authority comments	Habitat reference number
1		Non-native and ornamental hedgerow	0.021	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.02			76
2		Non-native and ornamental hedgerow	0.016	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.02			77
3		Non-native and ornamental hedgerow	0.023	V.Low	1	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0	0	Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.02			78
4																								
5																								
6																								
7																								
8																								
			0.06																			0.06		