The Statutory Biodiversity Metric

Version 1.0.3

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Open Tool

Calculation Tool

The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:	Hinckley & Bosworth Borough Council		
Project name:	Land adjacent to 22 Elwell Avenue, Barwell, Leicester, LE9 8FH		
Applicant:	Paul Allen		
Application type:			
Planning application reference:			
Completed by:	Ecologist EJ BSc (Hons)		
Date of metric completion:	17 December 2024		
Reviewer:			
Calculation iteration:	V0		
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):	**0.04**	**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**

Main menu

Results

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

View all

Reset view

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	

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

The Statutory Biodiversity Metric
Main menu

Start page | Technical data | Results

Start here

1 → 2 → 3 → 4

Tree helper

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	0	0.0000	0	0.0000

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

Land adjacent to 22 Elwell Avenue, Barwell, Leicester

Headline Results

Scroll down for final results ☐

Return to results menu

On-site baseline	*Habitat units*	0.06		
	Hedgerow units	0.02		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	0.04		
	Hedgerow units	0.01		
	Watercourse units	0.00		
On-site net change (units & percentage)	*Habitat units*	-0.02	-41.20%	On-site net gain is less than target set ☐
	Hedgerow units	-0.01	-36.84%	On-site net gain is less than target set ☐
	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*	-0.02		
	Hedgerow units	-0.01		
	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*	-0.02	
	Hedgerow units	-0.01	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-41.20%	Total net gain achieved is less than target set ▲
	Hedgerow units	-36.84%	Total net gain achieved is less than target set ▲
	Watercourse units	0.00%	
Trading rules satisfied?		No - Check Trading Summaries ▲	

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	0.06	0.07	0.03	
Hedgerow units	10.00%	0.02	0.02	0.01	
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: Land adjacent to 22 Elwell Avenue, Barwell, Leicester, LE9 8FH Map

A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.02
Total Net % Change	-41.20%
Trading Rules Satisfied	No - check trading summaries ▲

	Existing area habitats				Distinctiveness		Condition		Strategic significance				Ecological baseline								Comments		
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Rules	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	User comments	Planning authority comments	Habitat reference number
1	Grassland	Modified grassland	No	0.0267	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.05	0.0139	0	0.03	0.00	0.01	0.03				
2	Urban	Developed land; sealed surface	No	0.0141	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	0.0129	0	0.00	0.00	0.00	0.00				
3	Urban	Vegetated garden	No	0.0035	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	0.0027	0	0.01	0.00	0.00	0.00				
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			Total habitat area	0.04									0.06	0.03	0.00	0.03	0.00	0.01	0.03				
			Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	0.04																			

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	0.01

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name: Land adjacent to 22 Elwell Avenue, Barwell, Leicester, LE9 8FH   Map Reference

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.02
Total Net % Change	-41.20%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

				Distinctiveness		Condition		Strategic significance			Post intervention habitats: Temporal multiplier						Difficulty multipliers					Comments		
Ref	Broad Habitat	Proposed habitat	Area (hectares)	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	Habitat units delivered	User comments	Planning authority comments	Habitat reference number
1	Urban	Developed land; sealed surface	0.0135	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
2	Urban	Vegetated garden	0.0012	Low	2	Condition Assessment N/A	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	0.00			
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		Total habitat area	0.01																	Total Units	0.00			

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	0.01

M² to hectares conversion tool:	Select a unit	Hectares	M²

Name: Land adjacent to 22 Elwell Avenue, Barwell, Leicester, LE9 8FH   Map Re

B-1 On-Site Hedge Baseline

Condense / Show Columns | Condense / Show Rows | Main Menu

Hedgerow summary	
Total Net Unit Change	-0.01
Total Net % Change	-36.84%
Trading Rules Satisfied	No - check trading summary ▲

	Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline							Comments		
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
1		Non-native and ornamental hedgerow	0.019	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	0.012	0	0.01	0.00	0.01	0.01			
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Name: Land adjacent to 22 Elwell Avenue, Barwell, Leicester, LE9 8FH Map Re

B-2 On-Site Hedge Creation

Condense / Show Columns | Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	-0.01
Total Net %1 Change	-76.84%
Trading Rules Satisfied	No - check trading summary! ▲

Ref	New hedge number	Proposed habitats: Habitat type	Length (km)	Distinctiveness: Distinctiveness	Score	Condition: Condition	Score	Strategic significance: Strategic significance	Strategic significance	Strategic significance multiplier	Temporal 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	Difficulty risk multipliers: Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	Hedge units delivered	Comments: User comments	Planning authority comments	Habitat reference number
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