The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:			
Project name:			
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Nick Bell MCIEEM		
Date of metric completion:	12th August 2024		
Reviewer:			
Calculation iteration:			
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):	4.76	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

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Technical data

Results

Start here

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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

Tree helper

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	26	0.1059		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	26	0.1059	0	0.0000

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Results

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Headline results

Detailed results

Habitat trading summaries

Off-site summary

Irreplaceable habitats summary

Unit shortfall summary

Return to results menu

Headline Results

Scroll down for final results ⚠

On-site baseline	*Habitat units*	4.80	
	Hedgerow units	1.20	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	11.71	
	Hedgerow units	3.21	
	Watercourse units	0.00	
On-site net change (units & percentage)	*Habitat units*	6.91	144.01%
	Hedgerow units	2.01	167.37%
	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*	6.91	
	Hedgerow units	2.01	
	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	*Habitat units*	6.91

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)		
	Hedgerow units	2.01
	Watercourse units	0.00

Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)		
	Habitat units	144.01%
	Hedgerow units	167.37%
	Watercourse units	0.00%

Trading rules satisfied?	No - Check Trading Summaries ▲

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	4.80	5.28	0.00	No additional area habitat units required to meet target ✓
Hedgerow units	10.00%	1.20	1.32	0.00	No additional hedgerow units required to meet target ✓
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:	Map Reference:
A-1 On-Site Habitat Baseline	

Condense / Show Columns

Condense / Show Rows

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Area habitat summary	
Total Net Unit Change	6.91
Total Net % Change	144.01%
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	1.84	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	3.68			0.00	0.00	1.84	3.68				
2	Urban	Developed land; sealed surface	No	2.92	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			0.00	0.00	2.92	0.00				
3	Individual trees	Urban tree	No	0.14	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 (S)	1.12	0.1		0.80	0.00	0.04	0.32		35 existing trees within the boundary, 9 lost		
				Total habitat area									4.80	0.10	0.00	0.80	0.00	4.80	4.00				
				Site Area (Excluding area of individual trees, green walls, intertidal hard structures)																			

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	4.76

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name: Map Reference:

A-2 On-Site Habitat Creation

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Area habitat summary	
Total Net Unit Change	6.91
Total Net % Change	144.01%
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	3.13	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0			Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
2	Grassland	Other neutral grassland	1.63	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5			Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	10.91			

Total habitat area	4.76
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	4.76
Total Units	10.91

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name:	Map Reference:
B-1 On-Site Hedge Baseline	

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Hedgerow summary	
Total Net Unit Change	2.01
Total Net % Change	167.37%
Trading Rules Satisfied	Yes ✓

	Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance				Ecological baseline							Comments		
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Rules	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
1	H1	Native hedgerow	0.3	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	1.20		0.3	0.00	1.20	0.00	0.00	Retained hedgerow to be enhanced		
			0.30									1.20	0.00	0.30	0.00	1.20	0.00	0.00			

Project Name:	Map Reference:
B-3 On-Site Hedge Enhancement	

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Hedgerow summary	
Total Net Unit Change	2.01
Total Net % Change	141.21%
Trading Rules Satisfied	Yes ✓

Baseline Habitats											Post intervention habitats																														
												Change in distinctiveness and condition			Distinctiveness		Condition		Strategic significance			Temporal multiplier						Difficulty risk multipliers						Comments		
Baseline ref	Baseline habitat	Length (km)	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units	Required Action to Meet Trading Rules	Proposed habitat	Distinctiveness movement	Condition movement	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat enhanced in advance (years)	Delay in starting habitat enhancement (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final Time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier	Final difficulty of enhancement	Difficulty multiplier applied	Hedge units delivered off	User comments	Planning authority comments	Habitat reference number
1	Native hedgerow	0.3	Low	2	Moderate	2	Low (Average Significance)	1	1.2	Same distinctiveness band or better	Species-rich native hedgerow	Low - Medium	Lower Distinctiveness Habitat - Good	0.3	Medium	4	Good	3	Area/compensation not in local strategic sections	Low (Average Significance)	1	5			Standard time to target condition applied	5	0.667	Low	Standard difficulty applied	Low	1	2.01	Assumed creation and enhancement of 40		
														0.3																									