

The Statutory Biodiversity Metric

Auditing and accounting for biodiversity

Calculation Tool

Version 1.0.4

[Open Tool](#)



The Statutory Biodiversity Metric
Start page

'Completed by' and 'Date of metric completion' fields must be filled in ▲

Project details			
Planning authority:			
Project name:			
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Bethany Halfpenny		
Date of metric completion:			
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):	0.14	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	
▲	Attention required
▲	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

On-site baseline map

Insert

On-site post intervention map

Insert

On-site baseline map reference number

On-site post-intervention map reference number

Off-site baseline map

Insert

Off-site post intervention map

Insert

Main menu

Results

View all

Reset view



Off-site baseline map reference number	
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Off-site post-intervention reference number	
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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

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	1	0.0041		0.0000
Medium		0.0000		0.0000	1	0.0163
Large		0.0000	1	0.0366		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	2	0.0407	1	0.0163

Headline Results		Return to results menu	
Scroll down for final results ▲			
On-site baseline	Area habitat units	0.75	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site net change (units & percentage)	Area habitat units	-0.75	-100.00%
	Hedgerow units	0.00	0.00%
	Watercourse units	0.00	0.00%
On-site net gain is less than target set ▲			
Off-site baseline	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site post-intervention (Including habitat retention, creation & enhancement)	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change (units & percentage)	Area 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)	Area habitat units	-0.75	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Spatial risk multiplier (SRM) deductions	Area 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)	Area habitat units	-0.75	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Area habitat units	-100.00%	Total net gain achieved is less than target set ▲
	Hedgerow units	0.00%	
	Watercourse units	0.00%	
Trading rules satisfied?	No - Check Trading Summaries ▲		

Area created must match area lost for both onsite and offsite ▲				
Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Area habitat units	10.00%	0.75	0.82	0.82
Hedgerow units	10.00%	0.00	0.00	0.00
Watercourse units	10.00%	0.00	0.00	0.00

No additional hedgerow units required to meet target ✓

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

Main Menu

Area habitat summary	
Total Net Unit Change	-0.75
Total Net % Change	-100.00%
Trading Rules Satisfied	No - check trading summaries ▲

	Existing area habitats				Distinctiveness		Condition		Strategic significance		
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier
1	Urban	Developed land; sealed surface	No	0.099	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
2	Grassland	Modified grassland	No	0.038	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
3	Individual trees	Urban tree	No	0.0407	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
4	Individual trees	Urban tree	No	0.0163	Medium	4	Good	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
5											
				Total habitat area	0.19						
				Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	0.14						

M² to hectares conversion tool:

Select a unit

Hectares

M²

Required Action to Meet Trading Rules	Ecological baseline							Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	Comments		
	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		User comments	Planning authority comments	Habitat reference number
Compensation Not Required	0.00			0.00	0.00	0.10	0.00		Hardstanding - 0.066ha, Building footprint - 0.033		1, B1
Same distinctiveness or better habitat required ≥	0.23			0.00	0.00	0.04	0.23				2
Same broad habitat or a higher distinctiveness habitat required (≥)	0.33			0.00	0.00	0.04	0.33		Trees in moderate condition - T1 & T3		T1, T3
Same broad habitat or a higher distinctiveness habitat required (≥)	0.20			0.00	0.00	0.02	0.20		Tree in good conditioin - T2		T2
	0.75	0.00	0.00	0.00	0.00	0.19	0.75				

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	0.14
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Project Name:

Map Reference:

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.75
Total Net % Change	-100.00%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Error - Area created does not equal area lost ▲

	Post intervention habitats								
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty
				Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation
1									
2									
3									
4									
5									

Total habitat area0.00

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)0.00

M² to hectares conversion tool:

Select a unit

Hectares

M²

Habitat units delivered	Comments		
	User comments	Planning authority comments	Habitat reference number
0.00			