

The Biodiversity Metric 4.0 - Calculation Tool

Start page

Project details			
Planning authority:	East Devon District Council		
Project name:	Twistgate Farm Cottage		
Applicant:	Duncan Gray		
Application type:	Full Planning		
Planning application reference:			
Completed by:	Sara Curtis		
Date of metric completion:	25 November 2023		
Reviewer:	John Polley		
Version control:	V1		
Consenting body reviewer:			
Date of consenting body review:			
Target % net gain:	10%		
Irreplaceable habitat present on-site at baseline:	No		
Total site area (including irreplaceable habitat area):	0.31	Irreplaceable habitat area at baseline:	0.00

Instructions

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 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

Off-site baseline map reference number

Off-site post-intervention reference number

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

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Main menu

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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	1	0.0366		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Total	1	0.0366	0	0.0000	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 Biodiversity Metric 4.0 - Calculation Tool Results

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Twistgate Farm Cottage

Headline Results

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Scroll down for final results ▲

On-site baseline	Habitat units	1.09	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	1.34	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site net change <small>(units & percentage)</small>	Habitat units	0.25	22.91%
	Hedgerow units	0.00	0.00%
	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 <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change <small>(units & percentage)</small>	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	0.25	
	Hedgerow units	0.00	
	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	0.25	
	Hedgerow units	0.00	

(Including all on-site & off-site habitat retention, creation & enhancement)	<i>Watercourse units</i>	0.00
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Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>	22.91%
	<i>Hedgerow units</i>	0.00%
	<i>Watercourse units</i>	0.00%

Trading rules satisfied?	Yes ✓
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
<i>Habitat units</i>	10.00%	1.09	1.20	0.00
<i>Hedgerow units</i>	10.00%	0.00	0.00	0.00
<i>Watercourse units</i>	10.00%	0.00	0.00	0.00

Unit requirement met or surpassed ✓
 Unit requirement met or surpassed ✓
 Unit requirement met or surpassed ✓

Project Name: Yosemite Park Center - New Addition	
A-1 On-Site Habitat Baseline	
Condition / On-site Location	Condition / On-site Area
Map Area	Instructions

Area habitat summary	
Total Area Class	0.00
Total Area to Remove	0.00
Total Area Available	0.00

ID	Broad Habitat	Habitat Type	Area (Square Feet)	Disturbance			Condition			Strategic Significance			Required Action to Meet Threshold Value	Strategic Justification	Total Habitat Value	Estimate category biodiversity value					Species composition adjusted for disturbance levels	Condition			
				Disturbance	Score	Condition	Score	Strategic significance	Strategic Justification	Strategic Justification	Area available	Area to remove				Area habitat lost	Value lost	Tree canopy	Groundcover/soil	Other reference species					
1	Open	Open	0.00	None	1	Open	1	High	High	High	High	High	High	High	0.00	0.00	0.00	0.00	0.00	0.00					
2	Woodland wet forest	Open woodland (unimproved)	0.00	Medium	1	Open	1	High	High	High	High	High	High	High	0.00	0.00	0.00	0.00	0.00	0.00					
3	Open	Open	0.00	None	1	Open	1	High	High	High	High	High	High	High	0.00	0.00	0.00	0.00	0.00	0.00					
4																									
5																									
6																									
Sub Area (Including area of individual trees and shrubs)			0.00												0.00										
Total area for quantifying loss of individual trees and shrubs																									0.00

MP in baseline restoration task

Product Group: Polypropylene Fiber, Cutlery - 3000 Subcategory	
A-0 Co-Site Initial Creation	
Product Group	Product Group
Product Group	Product Group

Item Initial Assessment	
Item Name	Item Name
Item Description	Item Description
Item Quantity	Item Quantity

Brand/Model	Prepared Initial	Item (SKU/UPC)	Availability			Inventory conditions				Inventory position				Inventory valuation				Inventory		Off-inventory status	
			Stock/On-hand	Open	On-order	Item	Strategic significance	Inventory location	Inventory quantity	Inventory status	Inventory type	Inventory location	Inventory quantity	Inventory status	Inventory type	Inventory location	Inventory quantity	Inventory status	Inventory type		

Item Name: Polypropylene Fiber, Cutlery - 3000 Subcategory

Item Description: Polypropylene Fiber, Cutlery - 3000 Subcategory

Item Quantity: 1000



Project Name: Vantage Field College		Map Reference:	
B-1 On-Site Hedge Baseline			
		Hedge Inventory Summary	
		Map Scale (feet/meter)	1:500
		Project Area (sq. ft./sq. m)	1000
		Survey Date	2023
		Surveyor Name	ABC

Hedge #	Hedge Name	Hedge Type	Length (ft)	Disturbance			Condition			Strategic Significance			Special Status	Notes	Management	
				Excavation	Removal	Clearing	Stems	Roots	Structural	Strategic	Ecological	Historical				
1	Hedge 01	Redwood	50													
2	Hedge 02	Redwood	30													
3	Hedge 03	Redwood	20													
4	Hedge 04	Redwood	10													
5	Hedge 05	Redwood	5													
			6.80													

Baseline category (individual values)					Observed		GIS
Length	Width	Area	Perimeter	Volume	Count	Volume	
6.80	0.50	0.50	0.50	0.50	0.50	0.50	