

The Statutory Biodiversity Metric Start page

Project details			
Planning authority:	Arun District Council		
Project name:	Land at 84 Barnham Road, Barnham		
Applicant:	Elberry Estates Ltd.		
Application type:	Full		
Planning application reference:			
Completed by:	Chris Brown BSc (Hons) ACIEEM		
Date of metric completion:	18 November 2025		
Reviewer:	Frances King-Smith BSc (Hons) CEcol MCIEEM		
Calculation iteration:	1		
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):	0.13	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

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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

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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	2	0.0081		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	2	0.0081	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](#)

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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](#)

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[F-2 Off-site Watercourse Creation](#)

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Land at 84 Barnham Road, Barnham
Headline Results
Scroll down for final results

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On-site baseline	Area habitat units	0.62	
	Hedgerow units	0.03	
	Watercourse units	0.00	
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Area habitat units	0.69	
	Hedgerow units	0.05	
	Watercourse units	0.00	
On-site net change <small>(units & percentage)</small>	Area habitat units	0.07	10.69%
	Hedgerow units	0.02	86.78%
	Watercourse units	0.00	0.00%

Off-site baseline	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change <small>(units & percentage)</small>	Area 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>	Area habitat units	0.07	
	Hedgerow units	0.02	
	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 <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	0.07
	Hedgerow units	0.02
	Watercourse units	0.00
Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	10.69%
	Hedgerow units	86.78%
	Watercourse units	0.00%

Trading rules satisfied? **Yes ✓**

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Area habitat units	10.00%	0.62	0.69	0.00
Hedgerow units	10.00%	0.03	0.03	0.00
Watercourse units	10.00%	0.00	0.00	0.00

No additional area habitat units required to meet target ✓
 No additional hedgerow units required to meet target ✓
 No additional watercourse units required to meet target ✓

Project Name: Land at 84 Barnham Road, Barnham Map Reference:
A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

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Area habitat summary	
Total Net Unit Change	0.07
Total Net % Change	10.89%
Trading Rules Satisfied	Yes ✓
Area Check:	Area Acceptable ✓

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Post intervention habitats							Comments		
				Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty	Habitat units delivered	User comments	Planning authority comments	Habitat reference number
				Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation				
1	Grassland	Modified grassland	0.02	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	4	Low	0.07			
2	Urban	Vegetated garden	0.02	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.04			
3	Urban	Developed land: sealed surface	0.02	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	Buildings		
4	Urban	Developed land: sealed surface	0.05	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	Other developed land		
5	Individual trees	Urban tree	0.0081	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	27	Low	0.02	2x small trees to be planted		
6	Heathland and shrub	Mixed scrub	0.02	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.13			
7													
8													
9													
10													
			Total habitat area	0.14						0.27			

Site Area (Excluding area of individual trees, green walls, intertidal hard structures) 0.13

M² to hectares conversion tool: Select a unit: Hectares M²

Project Name: Land at 84 Barnham Road, Barnham Map Reference:
B-1 On-Site Hedge Baseline

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Hedgerow summary	
Total Net Unit Change	0.02
Total Net % Change	86.78%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units	Comments								
Ref	Hedge number	Habitat type	Length (m)	Distinctiveness	Condition	Strategic significance			Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
1	H1	Non-native and ornamental hedgerow	0.027	V.Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.03	0.027		0.03	0.00	0.00	0.00			
2																	
3																	
4																	
5																	
6																	
			0.03					0.03	0.03	0.00	0.03	0.00	0.00	0.00			

Project Name: Land at 84 Barnham Road, Barnham Map Reference:
A-1 On-Site Habitat Baseline

Area habitat summary	
Total Net Unit Change	0.07
Total Net % Change	10.0%
Trading Rules Relieved	Yes ✓

Condense / Show Columns
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Condense / Show Rows

Ref	Existing area habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline
	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)					
1	Grassland	Modified grassland	No	0.09	Low	Poor	Area/compensation not in local strategy no local strategy	Some distinctiveness or better habitat required 2	0.18
2	Urban	Introduced shrub	No	0.01	Low	Good	Area/compensation not in local strategy no local strategy	Some distinctiveness or better habitat required 2	0.02
3	Urban	Developed hard sealed surface	No	0.03	V.Low	N/A - Other	Area/compensation not in local strategy no local strategy	Compensation Not Required	0.00
4	Individual trees	Urban tree	No	0.0529	Medium	Moderate	Area/compensation not in local strategy no local strategy	Some limited habitat or a higher distinctiveness habitat required 2	0.42
5									
6									
7									
8									
9									
				Total habitat area					0.68
				Site Area (Including area of individual trees, green walls, intertidal hard structures)	0.18				

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Net/zero compensation agreed for losses of VEDER or irreplaceable habitat	Comments		
							User comments	Planning authority comments	Habitat reference number
		0.00	0.00	0.09	0.18				
		0.00	0.00	0.01	0.02				
		0.00	0.00	0.03	0.00				
0.0529		0.42	0.00	0.00	0.00		All 54 trees to be retained		
0.06	0.00	0.42	0.00	0.13	0.30				

Total area lost (including area of individual trees, green walls and intertidal hard structures) **0.13**

M² to hectares conversion tool: Select a unit: Hectares M²

Project Name: Land at 84 Barnham Road, Barnham Map Reference:
B-2 On-Site Hedge Creation

Hedgerow summary	
Total Net Unit Change	0.02
Total Net % Change	88.78%
Trading Rules Satisfied	Yes ✓

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Condense / Show Rows

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Ref	New hedge number	Proposed habitats		Distinctiveness	Condition	Strategic significance	Temporal multiplier			Difficulty risk multipliers	Hedge units delivered	Comments		
		Habitat type	Length (km)				Distinctiveness	Condition	Strategic significance			Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation
1	H2	Native hedgerow	0.007	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.02	7m native hedgerow to be planted in the south-west corner of the site			
2														
3														
4														
5														
6														
			0.01							0.02				