

The Statutory Biodiversity Metric Start page

Project details

Project details			
Planning authority:	North Herts Council		
Project name:	Land off Echo Hill, Royston		
Applicant:	Gladman Developments Limited		
Application type:	Outline - Residential		
Planning application reference:	TBC		
Completed by:	Bethany Wilson ACIEEM		
Date of metric completion:	20 June 2025		
Reviewer:	jamie Woolam CEcol MCIEEM		
Calculation iteration:	REV A		
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):	8.91	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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Cell style conventions

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

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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

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

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1

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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 

The Statutory Biodiversity Metric Results

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Land off Echo Hill, Royston
Headline Results
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On-site baseline	Habitat units	61.17	
	Hedgerow units	10.33	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	33.78	
	Hedgerow units	12.48	
	Watercourse units	0.00	
On-site net change (units & percentage)	Habitat units	-27.39	-44.77%
	Hedgerow units	2.15	20.81%
	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	-27.39	
	Hedgerow units	2.15	
	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	-27.39	
	Hedgerow units	2.15	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-44.77%	Total net g
	Hedgerow units	20.81%	
	Watercourse units	0.00%	
Trading rules satisfied?	No - Check Trading Summaries ▲		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	61.17	67.28	33.50	No additional b No additional wa
Hedgerow units	10.00%	10.33	11.37	0.00	
Watercourse units	10.00%	0.00	0.00	0.00	

Input errors/rule breaks present in metric ▲

[illegible]

Project Name: Leid off Echo JWA, Berrion Map Reference: A-2 On-Site Habitat Creation
Coordinate / Show Outcrops
Coordinate / Show Rows
Map Menu

Area habitat summary	
Total Net Unit Change	-87.89
Total Net % Change	-44.77%
Trailing Value Estimated	No other values estimated
Area Check	Area Acceptable ✓

Ref	Breed Habitat	Proposed habitat	Area (hectares)	Difficulty/Type		Condition		Strategic significance				Post intervention habitat		Temporal multiplier	Difficulty multipliers				Comments					
				Difficulty/Type	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Standard time to target condition (years)	Habitat created in 10 years (Gross)	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 value delivered	Use comments	Planning authority comments	Habitat reference number
1	Grassland	Other neutral grassland	1.01	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.10	0			Standard time to target condition applied	0	0.007	Low	Standard difficulty applied	Low	1	11.03	In open spaces to the south of the development.		
2	Heathland and scrub	Mixed scrub	0.48	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.10	0			Standard time to target condition applied	0	0.007	Low	Standard difficulty applied	Low	1	3.48	Mixed scrub		
3	Heathland and scrub	Mixed scrub	0.23	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.10	0			Standard time to target condition applied	0	0.007	Low	Standard difficulty applied	Low	1	1.77	Woodland/scrub across the site		
4	Grassland	Modified grassland	1.47	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.008	Low	Standard difficulty applied	Low	1	2.84	Assessory grassland areas		
5	Grassland	Other neutral grassland	1.23	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.10	0			Standard time to target condition applied	0	0.007	Low	Standard difficulty applied	Low	1	6.47	Openness rich upland site		
6	Grassland	Other neutral grassland	0.01	Medium	4	Poor	1	Formally identified in local strategy	High strategic significance	1.10	0			Standard time to target condition applied	0	0.001	Low	Standard difficulty applied	Low	1	0.00	Openness rich grassland in open landscape with hills		
7	Urban	Developed land, sealed surface	0.07	V.Low	0	NA - 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	As per Development Framework Plan: Development Parcel + Roads = 0.01ha. Remaining Development Parcel (0.06ha) up to 70:30 sealed surface to vegetation gardens.		
8	Urban	Developed land, sealed surface	1.84	V.Low	0	NA - 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	As per Development Framework Plan: Development Parcel + Roads = 0.01ha. Remaining Development Parcel (1.83ha) up to 70:30 sealed surface to vegetation gardens.		
9	Urban	Vegetated garden	0.7	Low	2	Condition Assessment NA	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.000	Low	Standard difficulty applied	Low	1	1.00	As per Development Framework Plan: Development Parcel + Roads = 0.01ha. Roads measured as 0.01ha. Remaining Development Parcel (0.69ha) up to 70:30 sealed surface to vegetation gardens.		
10	Grassland	Traditional orchards	0.1	High	6	Moderate	3	Formally identified in local strategy	High strategic significance	1.10	30			Standard time to target condition applied	30	0.400	Low	Standard difficulty applied	Low	1	0.06	Traditional orchards managed for production and conservation		
11	Urban	Sustainable drainage system	0.7	Low	2	Moderate	3	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	3			Standard time to target condition applied	3	0.000	Medium	Standard difficulty applied	Medium	0.07	1.00	Sustainable drainage system, with permeable surface materials		
12																								
13																								
14																								
15																								
16																								
17																								
18																								
Total habitat area:			8.81																		Total Urban	88.78		

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	8.81		
MP to heathcare conversion tool:	Select a unit	Heathcare	MP

Project Name: Land off Echo Hill, Royston Map Reference:
B-1 On-Site Hedge Baseline

Condense / Show Columns
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Condense / Show Rows

Hedgerow summary	
Total Net Unit Change	2.18
Total Net % Change	20.81%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline							Comments		
Ref	Hedge number	Habitat type	Length (km)	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	Native hedgerow - associated with bank or ditch	0.271	Medium	Good	Formally identified in local strategy	Same distinctiveness band or better	3.74	0	0.271	0.00	3.74	0.00	0.00			
2	H2	Native hedgerow	0.089	Low	Good	Formally identified in local strategy	Same distinctiveness band or better	0.61	0.089	0	0.61	0.00	0.00	0.00			
3	H3	Native hedgerow - associated with bank or ditch	0.077	Medium	Good	Formally identified in local strategy	Same distinctiveness band or better	1.06	0.077	0	1.06	0.00	0.00	0.00			
4	H4	Native hedgerow	0.203	Low	Good	Formally identified in local strategy	Same distinctiveness band or better	1.40	0	0.203	0.00	1.40	0.00	0.00			
5	H5	Native hedgerow	0.265	Low	Good	Formally identified in local strategy	Same distinctiveness band or better	1.83	0.2	0	1.38	0.00	0.07	0.45			
6	H6	Native hedgerow	0.168	Low	Moderate	Formally identified in local strategy	Same distinctiveness band or better	0.77	0.138	0	0.63	0.00	0.03	0.14			
7	H7	Native hedgerow	0.124	Low	Good	Formally identified in local strategy	Same distinctiveness band or better	0.86	0.124	0	0.86	0.00	0.00	0.00			
8	H8	Native hedgerow	0.03	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.06	0.03	0	0.06	0.00	0.00	0.00			
9																	
10																	
11																	
12																	
13																	
			1.33					10.33	0.66	0.47	4.61	5.14	0.10	0.59			

