

The Statutory Biodiversity Metric Start page

Project details			
Planning authority:	Horsham District Council (HDC)		
Project name:	Long Barn, Crays Lane, Goose Green, West Sussex, RH20 2LR		
Applicant:	Matthew Holt		
Application type:	Residential		
Planning application reference:	DC/25/1756		
Completed by:	Alice Motola - Assistant Ecologist		
Date of metric completion:	23 January 2026		
Reviewer:	Hannah Baker MSc ACIEEM - Principal Ecologist		
Calculation iteration:	1		
Planning authority reviewer:	TBC		
Date of planning authority review:	TBC		
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	0.30	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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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	1	0.0041		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	1	0.0041	0	0.0000

Start here!




1

2


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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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Headline Results

Scroll down for final results 

On-site baseline	Area habitat units	0.34	
	Hedgerow units	0.01	
	Watercourse units	0.00	
On-site post-intervention <small>(including habitat retention, creation & enhancement)</small>	Area habitat units	0.39	
	Hedgerow units	0.02	
	Watercourse units	0.00	
On-site net change <small>(units & percentage)</small>	Area habitat units	0.05	14.40%
	Hedgerow units	0.00	35.09%
	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	0.05	
	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 <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	0.05
	Hedgerow units	0.00
	Watercourse units	0.00

Total net % change <small>(including all on-site & off-site habitat retention, creation & enhancement)</small>	Area habitat units	14.40%
	Hedgerow units	35.09%
	Watercourse units	0.00%

Trading rules satisfied?	Yes ✓
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Area habitat units	10.00%	0.34	0.37	0.00
Hedgerow units	10.00%	0.01	0.01	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: Long Barn, Crayke Lane, Goose Green, West Sussex, BN420 2LR Map
A-1 On-Site Habitat Baseline

Area habitat summary	
Total Net Unit Change	0.08
Total Net % Change	14.60%
Travelling Rules Selected	Tier 7

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Ref	Broad Habitat	Existing area habitats			Disturbance		Condition		Strategic significance			Required Action to Meet Travelling Rules	Ecological baseline		
		Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbance	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Total habitat units		Area retained	Units lost	
1	Urban	Developed land: sealed surface	No	0.05	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		
2	Urban	Developed land: sealed surface	No	0.017	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		
3	Urban	Artificial unvegetated, sealed surface	No	0.052	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		
4	Grassland	Modified grassland	No	0.141	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some disturbance by better habitat retained >	0.98		
6	Individual trees	Rural tree	No	0.0041	Medium	4	Good	3	Formally identified in local strategy	High strategic significance	1.15	Area listed in local strategy/ not in local strategy/ not in local strategy/ not in local strategy	0.06		
8															
7															
9															
10															
				Total habitat area	0.30									0.84	
				Site Area (including area of individual trees, green walls, terrestrial hard structures)	0.30										

Baseline							Respects compensation agreed for losses of VEDS or Irreplaceable habitat			Comments		
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		User comments	Planning authority comments	Habitat reference number			
0	0	0.00	0.00	0.05	0.00		Existing Barn Building					
0	0	0.00	0.00	0.00	0.00		Existing concrete surfaces (areas combined), located north and south of the existing barn.					
0.07	0	0.00	0.00	0.00	0.00		Public driveway (areas combined)					
0.009	0	0.01	0.01	0.14	0.08		Grassland located west, north and east of the existing barn.					
0.0041	0	0.06	0.00	0.00	0.00		Hawthorn small tree (DBH = 12.5cm), located along the eastern development boundary.					
0.08	0.00	0.06	0.00	0.08	0.08							
				Total area lost (including area of individual trees, green walls and terrestrial hard structures)	0.08							

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

cd Name: Long Barn, Crayke Lane, Goose Green, West Sussex, BN20 2LR Map Ref: A-9 On-Site Habitat Creation

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Area habitat summary	
Total Net Dist Change	0.00
Total Net % Change	14.40%
Trailing Balance Detailed	Yes ✓
Area Check	Area Acceptable ✓

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Disturbance		Condition		Strategic significance			Temporal multiplier			Difficulty multiplier			Habitat value delivered	Comments						
				Disturbance	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	User comments	Planning authority comments	Habitat reference number
1	Urban	Developed land, sealed surface	0.048	V.Low	0	POA - 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	Proposed three new residential-use green buildings across 4 small plots (target 1)		
2	Urban	Artificial (unvegetated) paved surface	0.008	V.Low	0	POA - 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	Proposed new gravel driveway		
3	Urban	Vegetated garden	0.13	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	0.965	Low	Standard difficulty applied	Low	1	0.25	Proposed Plot 1, 2 and 3 garages and covered residential garden areas		
4	Heathland and scrub	Mixed scrub	0.014	Medium	4	POA	1	Condition ecologically distinct but not in local strategy	Medium Strategic Significance	1.1	1			Standard time to target condition applied	1	0.965	Low	Standard difficulty applied	Low	1	0.05	Proposed mixed scrub habitat on the eastern side of the B20C area A, along the western development boundary.		
5	Arboreal trees	Broad trees	0.0041	Medium	4	Moderate	2	Formally identified in local strategy	High Strategic Significance	1.15	27			Standard time to target condition applied	27	0.982	Low	Standard difficulty applied	Low	1	0.01	Proposed planting of one mature tree within the mixed scrub habitat.		
6																								
			Total habitat area														Total Value							
			Site Area (Excluding area of individual trees, grass yards, internal hard structures)																					
			MP to facilitate conversation tool	Submit & view	Sections																			

B-1 On-Site Hedge Baseline

Condense / Show Columns Condense / Show Rows

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Hedgerow summary	
Total Net Unit Change	0.00
Total Net % Change	35.00%
Trading Rules Satisfied	Yes ✓

Ref	Hedge number	Existing hedgerow habitats		Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units	Comments									
		Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier			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	0.011	V Low	1	Poor	1	Formally identified in local strategy	High strategic significance	1.15	Same distinctiveness band or better	0.01	0.011	0	0.01	0.00	0.00	0.00	0.00	Existing recently planted ornamental beech hedgerow, located along the northern development boundary. Strategic Significance: Horsham District Planning Framework, Policy SD6 - Landscape Buffer, Landscape Character, Biodiversity and Green Infrastructure. "The proposed design, layout and new landscape of the development should [...] conserve and enhance the existing site network of hedgerows and hedgerow trees, maintaining their connectivity as much as possible".		
2																						
3																						
4																						
5																						
			0.01									0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00			

Site: Long Barn, Crays Lane, Goose Green, West Sussex, RH20 2LR Map 1

B-2 On-Site Hedge Creation

Conditions / Show Columns

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Hedgerow summary	
Total Net Unit Change	0.00
Total Net % Change	38.09%
Trading Rules Estimated	Yes ✓

Ref	New hedge number	Proposed habitats		Distictiveness		Condition		Strategic significance			Temporal multiplier					Difficulty risk multipliers			Hedge units delivered	Comments				
		Habitat type	Length (m)	Distictiveness	Score	Condition	Score	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 scaled	User comments	Planning authority comments	Habitat reference number	
1	BH	Native hedgerow	0.002	Low	2	Poor	1	Formally identified in local strategy	High strategic significance	1.15	1			Standard time to target condition applied	1	0.969	Low	Standard difficulty applied	Low	1	0.00	Proposed native hedgerow to be planted within the southeastern development corridor		
2																								
3																								
4																								
5																								
6																								
			0.00																		0.00			