The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:			
Project name:	Land at Redkiln Close, Horsham, West Sussex, RH13 5QL.		
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Thomas Knight BSc(Hons) MSc MCIEEM		
Date of metric completion:	14 April 2025		
Reviewer:	Thomas Knight BSc(Hons) MSc MCIEEM		
Calculation iteration:	V1		
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):	0.23	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

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	

Off-site baseline map

Insert

Off-site baseline map reference number	

On-site post-intervention map reference number	

Off-site post intervention map

Insert

Off-site post-intervention reference number	

The Statutory Biodiversity Metric
Main menu

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

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		0.0000		0.0000
Medium		0.0000		0.0000	1	0.0163
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	0	0.0000	1	0.0163

Unit Shortfall by Tier/Module

Tier	Unit Shortfall
A1	2.02 ▲
A2	0.00
A3	0.00
A4	0.00
A5	0.00
H	0.00
W	0.00

*The spatial risk multiplier has been applied to all unit shortfall values.

The Statutory Biodiversity Metric
Results

Return to start page

Headline results

Detailed results

Habitat trading summaries

Off-site summary

Irreplaceable habitats summary

Unit shortfall summary

Land at Redkiln Close, Horsham, West Sussex, RH13

Return to results menu

Headline Results

Scroll down for final results ⚠

On-site baseline	*Habitat units*	0.92		
	Hedgerow units	0.00		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
On-site net change (units & percentage)	*Habitat units*	-0.92	-100.00%	On-site net gain is less than target set ⚠
	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 (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*	-0.92		
	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*	-0.92
	Hedgerow units	0.00

(Including all on-site & off-site habitat retention, creation & enhancement)	*Watercourse units*	0.00

Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-100.00%
	Hedgerow units	0.00%
	Watercourse units	0.00%

Total net gain achieved is less than target set ▲

Trading rules satisfied?	No - Check Trading Summaries ▲

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	0.92	1.01	1.01
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: Land at Redkiln Close, Horsham, West Sussex, RH13 5QL Map

A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.92
Total Net % Change	-100.00%
Trading Rules Satisfied	No - check trading summaries ▲

	Existing area habitats				Distinctiveness		Condition		Strategic significance				Ecological baseline							Comments		
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Rules	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	User comments	Planning authority comments	Habitat reference number
1	Urban	Developed land; sealed surface	No	0.2246	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	0		0.00	0.00	0.22	0.00				
2	Grassland	Modified grassland	No	0.003	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.01	0		0.00	0.00	0.00	0.01				
3	Individual trees	Urban tree	No	0.0692	Medium	4	Good	3	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required (2)	0.91	0		0.00	0.00	0.07	0.91		T1, T2, T7 only. Assumes all trees to be felled. T2 is located within adjacent land but because it is anticipated to be felled it is recorded as on-site for the purposes of this metric calcuahion. T3, T4, T5 & T6 are within adjacent land and are not anticipated to be felled and are therefore not included within the baseline BNG metric calculation.		

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		Total habitat area		0.30									0.92	0.00	0.00	0.00	0.00	0.30	0.92					
		Site Area (Excluding area of individual trees, green walls, intertidal hard structures)		0.23																				

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	0.23

M² to hectares conversion tool:	Select a unit	Hectares	M²

roject Name: Land at Redkiln Close, Horsham, West Sussex, RH13 5QL. Map Reference

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.92
Total Net % Change	-100.00%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

	Post intervention habitats																							
				Distinctiveness		Condition		Strategic significance			Temporal multiplier					Difficulty multipliers					Comments		
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	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	Habitat units delivered	User comments	Planning authority comments	Habitat reference number
1	Urban	Developed land; sealed surface	0.23	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
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Total habitat area	0.33
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	0.33

Mª to hectares conversion tool:	Select a unit	Hectares	Mª

Total Units	0.00

Project Name: Land at Redkiln Close, Horsham, West Sussex, RH13 5QL Map Reference

D-1 Off-Site Habitat Baseline

Condensae / Show Columns | Condensae / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.93
Total Net % Change	-100.00%
Trading Rules Satisfied	No - check trading summaries A

	Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Spatial risk multiplier	Ecological baseline							Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	Comments			
Ref	Broad habitat	Habitat type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Spatial risk category	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area lost	Units lost		User comments	Planning authority comments	Habitat reference	Off-site reference
1																						T2-T9			1
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			Total habitat area	0.00										0.00	0.00	0.00	0.00	0.00	0.00							

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

M² to hectares conversion tool:	Select a unit	Hectares	M²

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	0.00

Name: Land at Redkiln Close, Horsham, West Sussex, RH13 5QL. Map Ref:

B-1 On-Site Hedge Baseline

Condense / Show Columns | Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.00
Total Net % Change	0.00%
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	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
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Land at Redkiln Close, Horsham, West Sussex, RH13 5QL M

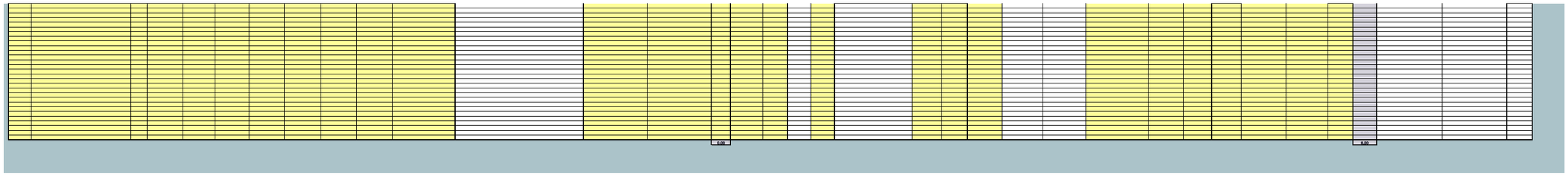
B-3 On-Site Hedge Enhancement

Condense / Show Columns | Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.20
Total Net % Change	9.00%
Trading Rules Satisfied	Yes ✓

Baseline Habitats											Post Intervention habitats																								
												Change in distinctiveness and condition			Distinctiveness		Condition		Strategic significance			Temporal multiplier						Difficulty risk multipliers					Comments		
Baseline ref	Baseline habitat	Length (km)	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units	Required Action to Meet Trading Rules	Proposed habitat	Distinctiveness movement	Condition movement	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat enhanced in advance (years)	Delay in starting habitat enhancement (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final Time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier	Final difficulty of enhancement	Difficulty multiplier applied	Hedge units delivered	User comments	Planning authority comments	Habitat reference number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