

# The Statutory Biodiversity Metric

## Start page

Project details	
Planning authority:	Horsham District Council
Project name:	Land at Greenacres, Saucelands Lane, Shipley, West Sussex, RH13 8PU
Applicant:	Chidhurst Ltd
Application type:	Residential
Planning application reference:	TBC
Completed by:	Joseph Baker BSc (Hons) - Director and Hannah Baker MSc Director and Principal Ecologist
Date of metric completion:	29/04/2025 Rev 1, 16/12/2025 Rev 2
Reviewer:	Hannah Baker BSc (Hons), MSc, ACIEEM - Director and Principal Ecologist
Calculation iteration:	2
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):	0.78
Total off-site area - including irreplaceable habitat area (hectares):	N/A
Irreplaceable habitat site area (hectares):	0.00
Irreplaceable habitat area off-site (hectares):	N/A

Main menu

Results

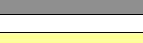
View all

Reset view

### Cell style conventions

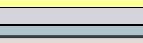


Attention required



Input error/rules and principles not met

Use of this cell is not appropriate



Enter data

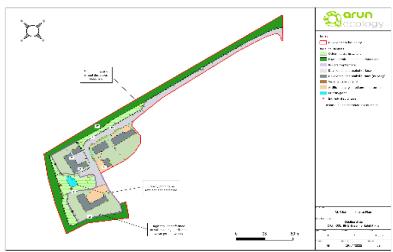


Automatic lookup

Result

On-site baseline map

Insert



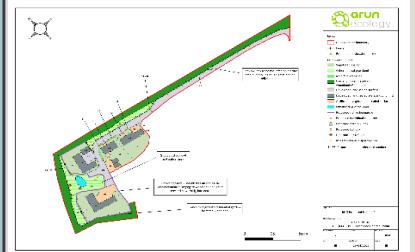
On-site baseline map reference number

Insert

1-001\_BNG\_Baseline\_Habitat

On-site post intervention map

Insert



On-site post-intervention map reference number

Insert

1-001\_BNG\_Proposed\_Habitat

Off-site baseline map

Insert

Off-site baseline map reference number

Insert

Off-site post intervention map

Insert

Off-site post-intervention reference number

## Headline Results

Scroll down for final results ▾

## On-site baseline

Habitat units	4.40
Hedgerow units	0.00
Watercourse units	0.00

On-site post-intervention  
(Including habitat retention, creation & enhancement)

Habitat units	4.89
Hedgerow units	0.00
Watercourse units	0.00

On-site net change  
(units & percentage)

Habitat units	0.49	11.22%
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	0.49
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

(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)

Habitat units	0.49
Hedgerow units	0.00
Watercourse units	0.00

## Total net % change

(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)

Habitat units	11.22%
Hedgerow units	0.00%
Watercourse units	0.00%

## Trading rules satisfied?

Yes ✓

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 ✓

Land of Goshen, Biodiversity Loss, Wildlife, West Branch, 2012-2013

Detailed Results

Summary Figure

Net project biodiversity units	Native	Non-native	Total
On-site	1,200	1,200	2,400
Off-site	1,200	1,200	2,400
Total project biodiversity % change	Native	Non-native	Total
On-site	-0.00%	-0.00%	-0.00%
Off-site	-0.00%	-0.00%	-0.00%
Total	-0.00%	-0.00%	-0.00%

Combined habitat retention vs replacement

Native	Non-native	Total	
On-site	1,200	1,200	2,400
Off-site	1,200	1,200	2,400
Total	2,400	2,400	4,800

Area habitat

On-site changes for broad habitat type

Habitat	Native	Non-development on site	On-site change
Habitat group	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined area lost from landhold(s) by development on site

Category	Area lost (Native)	Area lost (%)
Native	1,200	50.00%
Non-native	1,200	50.00%
Total	2,400	100.00%

On-site lost by dimensions/area category

On-site and off-site habitat retention by category

On-site and off-site habitat retention category (biodiversity units)

Off-site changes for broad habitat type

Habitat	Native	Non-development on site	Off-site change
Habitat group	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined area lost from landhold(s) by development on site

Habitat	Native	Non-development on site	Off-site change
Habitat group	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Habitats and loss of trees

On-site changes by habitat type

Habitat type	Native	Non-development on site	On-site change
Habitat type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined length lost from landhold(s) by dimensions/area

Category	Length lost (Native)	Length lost (%)
Native	1,200	50.00%
Non-native	1,200	50.00%
Total	2,400	100.00%

% length lost by dimensions/area category

On-site and off-site bridge retention by category

On-site and off-site bridge retention category (biodiversity units)

Off-site changes by habitat type

Habitat type	Native	Non-development on site	Off-site change
Habitat type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined area lost from landhold(s) by dimensions/area

Habitat	Native	Non-development on site	Off-site change
Habitat type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Indigenous

On-site changes by indigenous type

Indigenous type	Native	Non-development on site	On-site change
Indigenous type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined length lost from landhold(s) by dimensions/area

Category	Length lost (Native)	Length lost (%)
Native	1,200	50.00%
Non-native	1,200	50.00%
Total	2,400	100.00%

% length lost by dimensions/area category

Indigenous length change

Indigenous length change (%)

Off-site changes by indigenous type

Indigenous type	Native	Non-development on site	Off-site change
Indigenous type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined area lost from landhold(s) by dimensions/area

Habitat	Native	Non-development on site	Off-site change
Habitat type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Wetlands

On-site changes by wetland type

Wetland type	Native	Non-development on site	On-site change
Wetland type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined length lost from landhold(s) by dimensions/area

Category	Length lost (Native)	Length lost (%)
Native	1,200	50.00%
Non-native	1,200	50.00%
Total	2,400	100.00%

% length lost by dimensions/area category

Wetland length related, proposed for enhancement or removal

Wetland retention category (biodiversity units)

Off-site changes by wetland type

Wetland type	Native	Non-development on site	Off-site change
Wetland type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Combined area lost from landhold(s) by dimensions/area

Habitat	Native	Non-development on site	Off-site change
Habitat type	Native	Non-native	Native
Native	1,200	1,200	0.00%
Non-native	1,200	1,200	0.00%
Total	2,400	2,400	0.00%

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to other lower distinctiveness debtors	1.00
Remaining losses: Like for like not satisfied	1.00

High Distinctiveness Summary	
High Distinctiveness Users available to other lower distinctiveness users	0.02
Remaining users: Like for like not satisfied	0.00

Medium Distinctiveness Summary	
Median Distinctiveness Units available to other Lower Distinctiveness Units	0.12
Medium Distinctiveness Units available to High Distinctiveness Units	0.01
Higher Distinctiveness Units minus Medium Distinctiveness Units available to High Distinctiveness Units	0.01

### Low Distinctiveness Summary

Project Name: Land at Greenacres, Beaulands Lane, Shirley, West Sussex, RH13		Area habitat summary																	
A-1 On-Site Habitat Baseline		Total Net Gain Change		0.49		Total Net N Change		11.85%		Trading Rules Satisfied									
Condense / Show Columns		Condense / Show Rows																	
Main Menu																			
Existing area habitats		Disturbances		Conditions		Strategic significance		Required Action to Meet Trading Rules		Biological baseline									
Ref	Broad Habitat	Habitat Type	Inropicable habitat	Area (hectares)	Disturbances	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Total habitat units								
1	Grassland	Other neutral grassland	No	0.0476	Medium	4	Poor	1	Area/compensation not in local strategy/no local strategy	1	0.19								
2	Openly vegetated land	Bedrock/Physical	No	-0.0059	Low	2	Poor	1	Area/compensation not in local strategy/no local strategy	1	0.00								
3	Lakes	Peat (wetland habitat)	No	0.0068	High	5	Mid/Good	2	Area/compensation not in local strategy/no local strategy	1	0.08								
4	Urban	Developed land - sealed surface	No	0.2888	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
5	Urban	Developed land - sealed surface	No	0.0204	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
6	Urban	Developed land - sealed surface	No	0.0069	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
7	Urban	Developed land - sealed surface	No	0.0101	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
8	Urban	Developed land - sealed surface	No	0.0068	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
9	Urban	Developed land - sealed surface	No	0.0056	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
10	Urban	Developed land - sealed surface	No	0.0116	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
11	Urban	Artificial non-wooded sealed surface	No	-0.189	VLow	0	N/A - Other	0	Area/compensation not in local strategy/no local strategy	1	0.00								
12	Woodland and forest	Lowland mixed deciduous woodland	No	0.2851	High	6	Mid/Good	2	Area/compensation not in local strategy/no local strategy	1.1	0.01								
13	Individual trees	Rural tree	No	0.0163	Medium	4	Good	2	Area/compensation not in local strategy/no local strategy	1	0.20								
14	Individual trees	Rural tree	No	0.0163	Medium	4	Good	2	Area/compensation not in local strategy/no local strategy	1	0.20								
15	Individual trees	Rural tree	No	0.0366	Medium	4	Good	2	Area/compensation not in local strategy/no local strategy	1	0.44								
16	Individual trees	Rural tree	No	0.0163	Medium	4	Good	2	Area/compensation not in local strategy/no local strategy	1	0.20								
17	Individual trees	Rural tree	No	0.0541	Medium	4	Good	2	Area/compensation not in local strategy/no local strategy	1	0.09								
18	Urban	Vacant or derelict land	No	0.0135	Low	2	Poor	1	Area/compensation not in local strategy/no local strategy	1	0.03								
19																			
20																			
21																			
22																			
23																			
Total habitat area		0.87																	
Site Area (Excluding area of individual trees, green walls, inserted land structures)		0.78																	
4.40																			
M² to hedgerow conversion tool:		Select a unit		Hectares		M²		Total area lost (excluding area of individual trees, green walls and inserted land structures)		0.85									

100, Sandlands Lane, Shipley, West Sussex, RH13 8PU Map Reference: C-CHI-0  
**A-2 On-Site Habitat Creation**

[Condense / Show Columns](#) [Condense / Show Rows](#)

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Area habitat summary	
Total Net Unit Change	0.49
Total Net % Change	11.33%
Trading Rules Retained	Yes ✓
Area Check	Area Acceptable ✓

Total habitat area	0.55
Site Area (Excluding area of individual trees, green walls, artificial hard structures)	0.55
Alt to hectare conversion tool:	Select a unit
	Hectares
	m <sup>2</sup>

