

The Statutory Biodiversity Metric

Start page

Project details

Project details			
Planning authority:	Horsham District Council		
Project name:	C-NJA-019-002 - Merryhill mushrooms, Merryhill, Storrington Rd, Thakeham, RH20 3ED		
Applicant:	Kieran Ruckdidge		
Application type:	Commercial		
Planning application reference:	DC/25/0944		
Completed by:	Alice Motola - Consultant Ecologist		
Date of metric completion:	30 March 2026		
Reviewer:	Hannah Baker BSc (Hons), MSc, ACIEEM - Principal Ecologist/ Director		
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):	0.10	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

View all

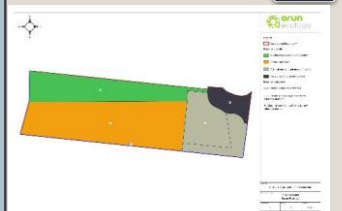
Reset view

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

E8-001_BNG_Baseline Habitat

On-site post intervention map

Insert

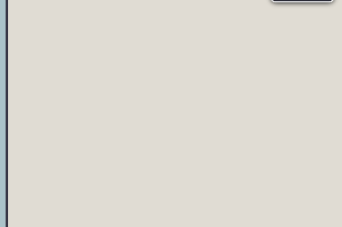


On-site post-intervention map reference number

01_BNG_Proposed Habitat

Off-site baseline map

Insert



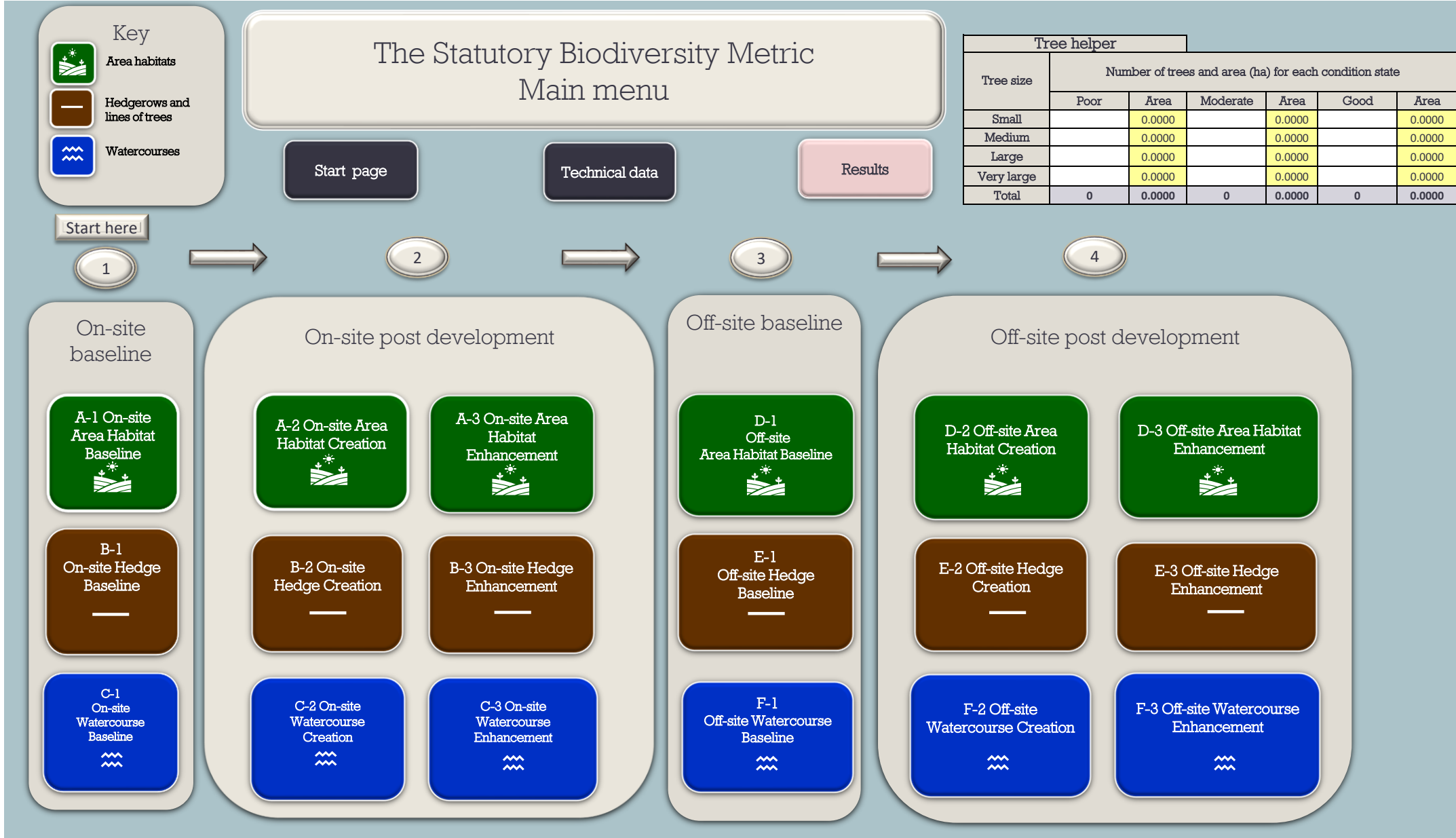
Off-site baseline map reference number

Off-site post intervention map

Insert



Off-site post-intervention reference number



Unit Shortfall by Tier/Module	
Tier	Unit Shortfall
A1	0.17 ▲
A2	0.00
A3	0.00
A4	0.00
A5	0.00
H	0.12 ▲
W	0.00

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

The Statutory Biodiversity Metric Results

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Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Irreplaceable
habitats summary

Unit shortfall
summary

C-NJA-018-002 - Merryhill mushrooms, Merryhill, S

Headline Results

Scroll down for final results ▲

Return to results menu

On-site baseline	Habitat units	0.14		
	Hedgerow units	0.68		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.07		
	Hedgerow units	0.69		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-0.07	-49.99%	On-site net gain is less than target set ▲
	Hedgerow units	0.01	1.44%	On-site net gain is less than target set ▲
	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	-0.07		
	Hedgerow units	0.01		
	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	-0.07		
	Hedgerow units	0.01		
	Watercourse units	0.00		
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-49.99%	Total net gain achieved is less than target set ▲	
	Hedgerow units	1.44%	Total net gain achieved is less than target set ▲	
	Watercourse units	0.00%		
Trading rules satisfied?		No - Check Trading Summaries ▲		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	0.14	0.16	0.09	
Hedgerow units	10.00%	0.68	0.75	0.06	
Watercourse units	10.00%	0.00	0.00	0.00	No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Return to
results menu

Trading
summary
hedgerows

Trading
summary
water courses

Trading Summary		
Disbursement Group	Trading Info	Trading Status/
Group A	Group A disbursement required 0	Yes ✓
Group B	Group B disbursement required 1	Yes ✓
Group C	Group C disbursement required 2	Yes ✓
Group D	Group D disbursement required 3	No ✗

[illegible]

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining income, like for like not satisfied	0.00

[illegible]

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses. Like for like not satisfied	0.00

[illegible]

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Medium Distinctiveness Broad Habitat Issues to be offset for broader use	0.00
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00
Estimated surplus of value	0.00

[illegible]

Low Distinctiveness Summary	
Low Distinctiveness net change in units	-0.07
Crashback margin of units	-0.09

Return to results menu

Trading summary area habitats

Trading summary watercourses

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness or better habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	0.01	0.00	0.01 ✓
	0.01	0.00	0.01

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness losses to be offset by trading up	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00

Medium Distinctiveness Summary	
Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Very Low Distinctiveness Summary		
Very Low Distinctiveness net change in units	0.01	✓
Cumulative availability of units	0.01	✓

Return to results menu

Trading summary area habitats

Trading summary hedgerows

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option Δ	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same habitat required =	Yes ✓
Low	Better distinctiveness habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.00	0.00	0.00
Canals	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

[illegible]

Irreplaceable area habitats on-site	
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• For further information please refer to the replaceable habitats section of the metric user guide. This sheet is extrapolated from the AI on the habitat baseline tab, with the exception of irreplaceable habitat name.

[illegible]

Irreplaceable area habitats off-site	
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[illegible]

Project Name: C-NIA-019-002 - Merryhill mushrooms, Merryhill, Storrington Rd.

A-1 On-Site Habitat Baseline

Condense / Show Columns

Main Menu

Area habitat summary	
Total Net Unit Changes	-0.07
Total Net % Change	-49.00%
Trading Rules Satisfied	No - check trading summaries A

Condense / Show Rows

Existing area habitats					Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance		Total habitat units
1	Grassland	Modified grassland	No	0.02546	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required is	0.05
2	Urban	Introduced shrub	No	0.04686	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required is	0.09
3	Urban	Artificial unvegetated, unsealed surface	No	0.01395	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
4	Urban	Artificial unvegetated, unsealed surface	No	0.00749	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
5	Urban	Developed land sealed surface	No	0.00621	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
6	Total habitat area				0.10				0.14
	Site Area (Excluding area of individual trees, green walls, intertidal hard structures)				0.10				

							bespoke compensation agreed for losses of VEDH 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	0.03	0.05					1
0	0	0.00	0.00	0.05	0.09					2
0	0	0.00	0.00	0.01	0.00					3
0	0	0.00	0.00	0.01	0.00					4
0	0	0.00	0.00	0.01	0.00					5
0.00	0.00	0.00	0.00	0.10	0.14					
Total area lost (excluding area of individual trees, green walls and intertidal hard structures)					0.10					

M² to hectares conversion tool:	M²	Hectares	M²
	8	0.0002	2

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moatbrooms, Merryhill, Berrington Rd, Thelsham, W990 3PX Map Reference: C-304

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary

Total Net Dist Change

-0.07

Total Net % Change

-40.99%

Trading Rules Detailed

No - check trading parameters ▲

Area Check

Area Acceptable ✓

Post intervention habitat																								
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Disturbance		Condition		Strategic significance			Temporal multiplier			Difficulty multipliers				Habitat units 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			
1	Grassland	Modified grassland	0.0048	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	0.992	Low	Standard difficulty applied	Low	1	0.04			1
2	Heathland and shrub	Introduced shrub	0.017	Low	2	Good	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	0.03			2
3	Urban	Artificial cover/compacted, sealed surface	0.01	V Low	0	Not - 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	0	0.00			3
4	Urban	Developed land, sealed surface	0.00321	V Low	0	Not - 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	0	0.00			4
5																								5
Total habitat area			0.10																	Total Units	0.07			
Site Area (Excluding area of individual trees, grass verges, isolated hard structures)			0.10																					
MP to landscape conversion tool:			Related a unit	Structure	MP																			

Broome, Merryhill, Storrington Rd, Thakeham, RH20 3ED Map Reference

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.01
Total Net % Change	1.44%
Trading Rules Satisfied	Yes ✓

Existing hedgerow habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units	
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier			
1	1	Native hedgerow with trees	0.0852	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness – based on habitat	0.68	
2													
3													
4													
5													
6													
			0.08										0.68

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.0852	0	0.68	0.00	0.00	0.00			2
								3
								4
								5
								6
								7
0.08	0.00	0.68	0.00	0.00	0.00			

hrooms, Merryhill, Storrington Rd, Thakeham, RH20 3ED Map Reference: C

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.01
Total Net % Change	1.44%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers	Hedge units delivered	Comments		
Ref	New hedge number	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		User comments	Planning authority comments	Habitat reference number
1	6	Non-native and ornamental hedgerow	0.0102	V.Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.01			
2													
3													
4													
5													
6													
			0.01							0.01			

[illegible]

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