

The Statutory Biodiversity Metric
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Project details			
Planning authority:	Hinckley and Bosworth Borough Council		
Project name:	Barlestone Road, Newbold Verdon		
Applicant:	David Wilson Homes East Midlands		
Application type:	Outline application residential development		
Planning application reference:	N/A		
Completed by:	Mark Gardiner, FPCR Environment & Design Ltd.		
Date of metric completion:	19.09.24		
Reviewer:	Victoria Fletcher, FPCR Environment & Design Ltd.		
Calculation iteration:	Rev H		
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):	13.73	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

On-site post intervention map

Insert

On-site post-intervention map reference number

Off-site baseline map

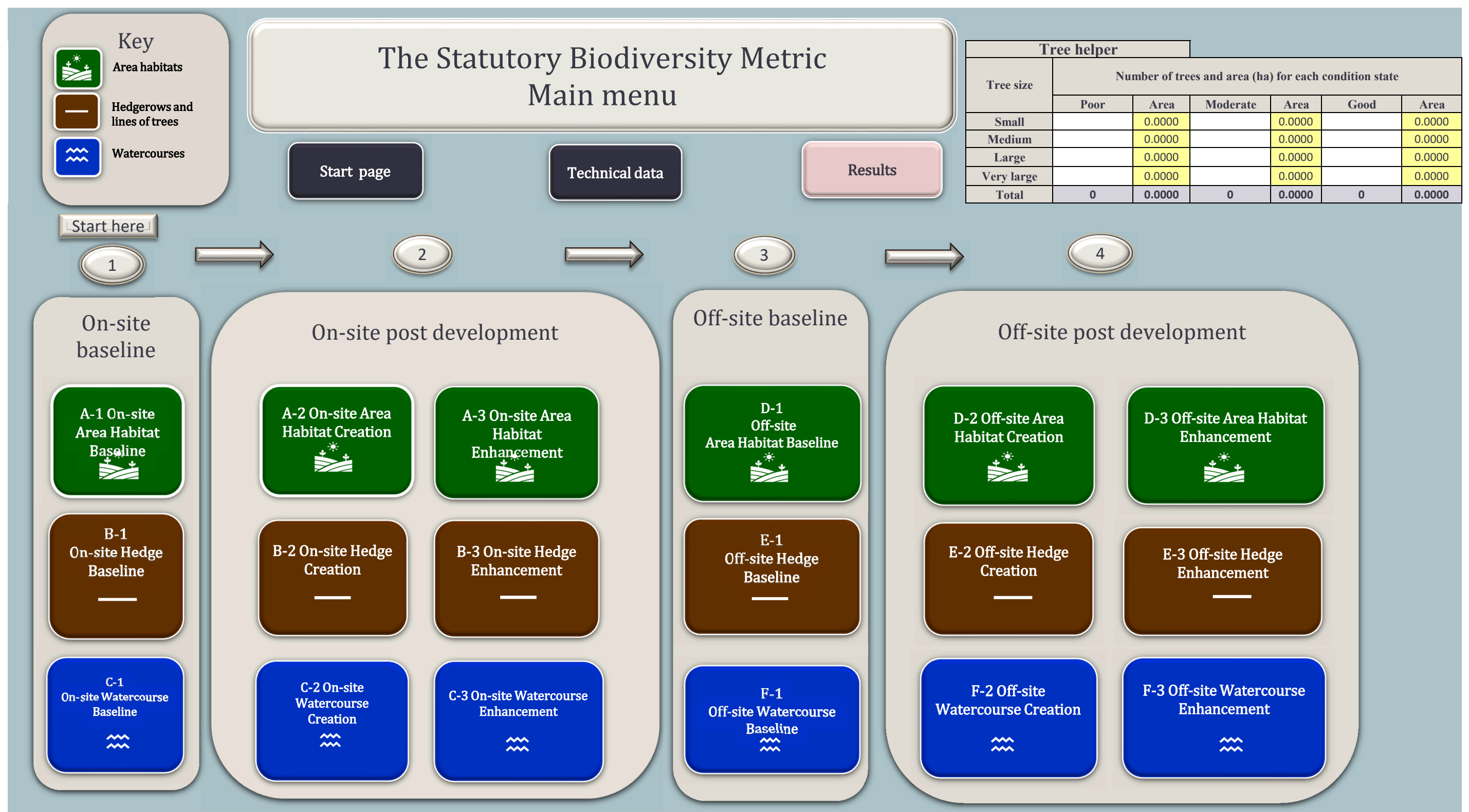
Insert

Off-site baseline map reference number

Off-site post intervention map

Insert

Off-site post-intervention reference number



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

Barlestone Road, Newbold Verdon

Headline Results

Scroll down for final results 

Return to results menu

On-site baseline	Habitat units	26.14	
	Hedgerow units	14.23	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	30.16	
	Hedgerow units	16.03	
	Watercourse units	0.00	
On-site net change (units & percentage)	Habitat units	4.02	15.37%
	Hedgerow units	1.79	12.61%
	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	4.02
		Hedgerow units	1.79
		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	4.02
		Hedgerow units	1.79
		Watercourse units	0.00
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)		Habitat units	15.37%
		Hedgerow units	12.61%
		Watercourse units	0.00%
Trading rules satisfied?		Yes ✓	

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	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 ✓
Habitat units	10.00%	26.14	28.75	0.00	
Hedgerow units	10.00%	14.23	15.66	0.00	
Watercourse units	10.00%	0.00	0.00	0.00	

Project Name: Barlestone Road, Newbold Verdon

Map Reference:

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	4.02
Total Net % Change	15.37%
Trading Rules Satisfied	Yes ✓
Area Check	Area Acceptable ✓

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Post intervention habitats						Habitat units delivered	Comments			
				Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty					
				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	Grassland	Modified grassland	1.0295	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		4	Low	3.57	Modified grassland located between modified grassland (poor condition) and other neutral grassland and mixed scrub. Considered likely to pass criteria A, C, E, F and G		
2	Grassland	Modified grassland	1.0946	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		1	Low	2.11	Modified grassland areas located within streetscape, surrounding LEAPs and directly next to roads where 6-8 species per square meter is unlikely and will have damage. Fails criteria A		
3	Grassland	Other neutral grassland	1.4966	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		5	Low	10.02	Grassland buffering retained hedgerows and grassland within extensive POS/GI areas. Considered likely to pass criteria A, C, D and E.		
4	Heathland and shrub	Mixed scrub	0.4311	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		5	Low	2.89	Smaller areas of mixed scrub where glades, rides and clearings are unlikely to form. Likely to pass all criteria except E.		
5	Urban	Bioswale	0.1367	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		1	Medium	0.35	Narrow swales. Planting and design unknown at this time. Allocated as poor condition.		
6	Urban	Cemeteries and churchyards	0.4589	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		15	Medium	1.44	Proposed cemetery within north-west of the site. Allocated as poor as management cannot be guaranteed at this time. Allocated as poor condition.		
7	Urban	Developed land; sealed surface	5.5315	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		0	Low	0.00			
8	Urban	Sustainable drainage system	0.6876	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		3	Medium	1.66	Three SuDS basins. At this time, limited detail of proposed design and planting. Allocated as poor condition.		
9	Urban	Vegetated garden	2.5757	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		1	Low	4.97			
10	Individual trees	Urban tree	0.5252	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied		10	Low	1.47	indicative 129 proposed trees located outside of private dwellings. Small size.		
11														
12														
13														
14														
15														
Total habitat area			13.97									28.48		

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

13.44

M² to hectares conversion tool:

Select a unit

Hectares

M²

Project Name: Barlestone Road, Newbold Verdon Map Review																			
A-3 On-Site Habitat Enhancement																			
Condense / Show Columns Condense / Show Rows																			
Area habitat summary																			
Total Net Unit Change														0 B2					
Total Net Wet Change														0.07%					
Trading Rules Satisfied														Yes ✓					
Main Menu																			
Post intervention habitats																			
Baseline habitats			Proposed Habitat (Broad habitat pre-populated but can be overridden)					Change in distinctiveness and condition			Strategic significance		Temporal risk multiplier		Difficulty risk multiplier				
Baseline ref	Baseline habitat		Proposed Broad Habitat	Proposed habitat			Distinctiveness change	Condition change	Area (hectares)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	First time to target condition (years)	First difficulty of enhancement	Habitat units delivered	Comments		
2	Climinal - Modified grassland		Grassland	Other neutral grassland			Low - Medium	Lower Distinctiveness Habitat - Moderate	0.0242	Medium	Moderate	Anacompensation not in local strategy - no local strategy	Standard time to target condition applied	10	Low	9.15			
3	Climinal - Modified grassland		Grassland	Traditional orchards			Low - High	Lower Distinctiveness Habitat - Moderate	0.2478	High	Moderate	Anacompensation not in local strategy - no local strategy	Standard time to target condition applied	20	Medium	1.31			

Project Name: Barlestone Road, Newbold Verdon Map Reference:

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	1.79
Total Net % Change	12.61%
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	Condition	Strategic significance		
1		Native hedgerow	0.008	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.05
2		Native hedgerow	0.031	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.12
3		Native hedgerow	0.099	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.40
4		Native hedgerow	0.062	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.25
5		Native hedgerow	0.029	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.06
6		Native hedgerow	0.138	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.55
7		Native hedgerow with trees	0.196	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.78
8		Native hedgerow with trees - associated with bank or ditch	0.115	High	Moderate	Area/compensation not in local strategy/ no local strategy	Like for like or better	1.38
9		Native hedgerow	0.008	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.03
10		Native hedgerow	0.189	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	1.13
11		Native hedgerow with trees	0.005	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.04
12		Native hedgerow	0.009	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.05
13		Native hedgerow	0.001	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.00
14		Native hedgerow with trees	0.07	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.28
15		Native hedgerow	0.019	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.11
16		Native hedgerow	0.055	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.33
17		Native hedgerow with trees	0.006	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.05
18		Native hedgerow with trees	0.013	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.10
19		Native hedgerow	0.077	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.31
20		Native hedgerow with trees	0.078	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.62
21		Native hedgerow	0.131	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.52
22		Native hedgerow	0.004	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.02
23		Native hedgerow	0.061	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.37
24		Native hedgerow	0.105	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.21
25		Native hedgerow with trees	0.003	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.02
26		Native hedgerow	0.067	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.27
27		Native hedgerow	0.006	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.02
28		Native hedgerow with trees	0.058	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.46
29		Native hedgerow with trees	0.028	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.22
30		Native hedgerow with trees	0.007	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.06
31		Native hedgerow with trees	0.073	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.58
32		Native hedgerow with trees	0.047	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.38
33		Native hedgerow with trees	0.008	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.06
34		Native hedgerow with trees	0.019	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.15
35		Native hedgerow	0.016	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.06
36		Native hedgerow	0.019	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.08
37		Native hedgerow with trees	0.075	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.60
38		Native hedgerow with trees	0.091	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.73
39		Native hedgerow with trees	0.005	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.04
40		Native hedgerow with trees	0.103	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.82
41		Native hedgerow	0.067	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.27
42		Native hedgerow	0.012	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.05
43		Native hedgerow	0.061	Low	Good	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.37
44		Native hedgerow with trees	0.042	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.34
45		Native hedgerow with trees	0.006	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.02
46		Native hedgerow with trees	0.004	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.02
47		Native hedgerow with trees	0.002	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.01
48		Native hedgerow with trees	0.046	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.18
49		Native hedgerow	0.019	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.08
50		Native hedgerow - associated with bank or ditch	0.069	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Same distinctiveness band or better	0.55
51								
52								
53								
54								
55								
				2.46				14.23

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.008	0	0.05	0.00	0.00	0.00			
0.031	0	0.12	0.00	0.00	0.00			
0.099	0	0.40	0.00	0.00	0.00			
0.062	0	0.25	0.00	0.00	0.00			
0.029	0	0.06	0.00	0.00	0.00			
0.138	0	0.55	0.00	0.00	0.00			
0.196	0	0.78	0.00	0.00	0.00			
0.115	0	1.38	0.00	0.00	0.00			
0	0	0.00	0.00	0.01	0.03			
0.189	0	1.13	0.00	0.00	0.00			
0	0	0.00	0.00	0.01	0.04			
0.009	0	0.05	0.00	0.00	0.00			
0.001	0	0.00	0.00	0.00	0.00			
0.07	0	0.28	0.00	0.00	0.00			
0.019	0	0.11	0.00	0.00	0.00			
0	0	0.00	0.00	0.06	0.33			
0.006	0	0.05	0.00	0.00	0.00			
0.013	0	0.10	0.00	0.00	0.00			
0.077	0	0.31	0.00	0.00	0.00			
0.078	0	0.62	0.00	0.00	0.00			
0.131	0	0.52	0.00	0.00	0.00			
0	0	0.00	0.00	0.00	0.02			
0.061	0	0.37	0.00	0.00	0.00			
0.105	0	0.21	0.00	0.00	0.00			
0	0	0.00	0.00	0.00	0.02			
0	0	0.00	0.00	0.07	0.27			
0	0	0.00	0.00	0.01	0.02			
0	0	0.00	0.00	0.06	0.46			
0.028	0	0.22	0.00	0.00	0.00			
0.007	0	0.06	0.00	0.00	0.00			
0	0	0.00	0.00	0.07	0.58			
0.047	0	0.38	0.00	0.00	0.00			
0	0	0.00	0.00	0.01	0.06			
0	0	0.00	0.00	0.02	0.15			
0.016	0	0.06	0.00	0.00	0.00			
0	0	0.00	0.00	0.02	0.08			
0.075	0	0.60	0.00	0.00	0.00			
0.091	0	0.73	0.00	0.00	0.00			
0	0	0.00	0.00	0.01	0.04			
0.103	0	0.82	0.00	0.00	0.00			
0.067	0	0.27	0.00	0.00	0.00			
0	0	0.00	0.00	0.01	0.05			
0.061	0	0.37	0.00	0.00	0.00			
0.042	0	0.34	0.00	0.00	0.00			
0.006	0	0.02	0.00	0.00	0.00			
0.004	0	0.02	0.00	0.00	0.00			
0	0	0.00	0.00	0.00	0.01			
0.046	0	0.18	0.00	0.00	0.00			
0	0	0.00	0.00	0.02	0.08			
0.069	0	0.55	0.00	0.00	0.00			
2.10	0.00	11.98	0.00	0.36	2.25			

Project Name: Barlestone Road, Newbold Verdon Map Reference:

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	1.79
Total Net % Change	12.61%
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		Native hedgerow	0.067	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.13			
2		Species-rich native hedgerow	0.129	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.86			
3		Species-rich native hedgerow	0.101	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.68			
4		Species-rich native hedgerow	0.088	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.59			
5		Species-rich native hedgerow	0.118	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.79			
6		Species-rich native hedgerow	0.027	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.18			
7		Native hedgerow	0.068	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.13			
8		Native hedgerow	0.072	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.14			
9		Species-rich native hedgerow	0.025	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.17			
10		Species-rich native hedgerow	0.057	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.38			
11													
12													
13													
			0.75							4.05			