

The Statutory Biodiversity Metric Start page

Project details

Planning authority:	North Hertfordshire District Council		
Project name:	BG25.292 Cardens Gardens		
Applicant:	Macdonald Begeman Limited		
Application type:	Full		
Planning application reference:			
Completed by:	Josh Bowler, Graduate Ecologist		
Date of metric completion:	11 March 2026		
Reviewer:	Harry Huddart, Senior Ecologist		
Calculation iteration:	REV1		
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):	0.74	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

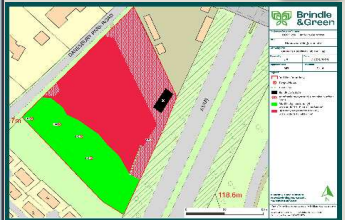
[Main menu](#)[Results](#)

Cell style conventions

	Attention required
	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

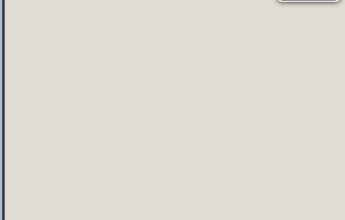
[View all](#)[Reset view](#)

On-site baseline map

[Insert](#)

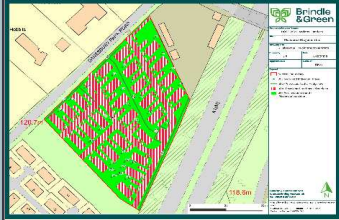
On-site baseline map reference number

Off-site baseline map

[Insert](#)

Off-site baseline map reference number

On-site post intervention map

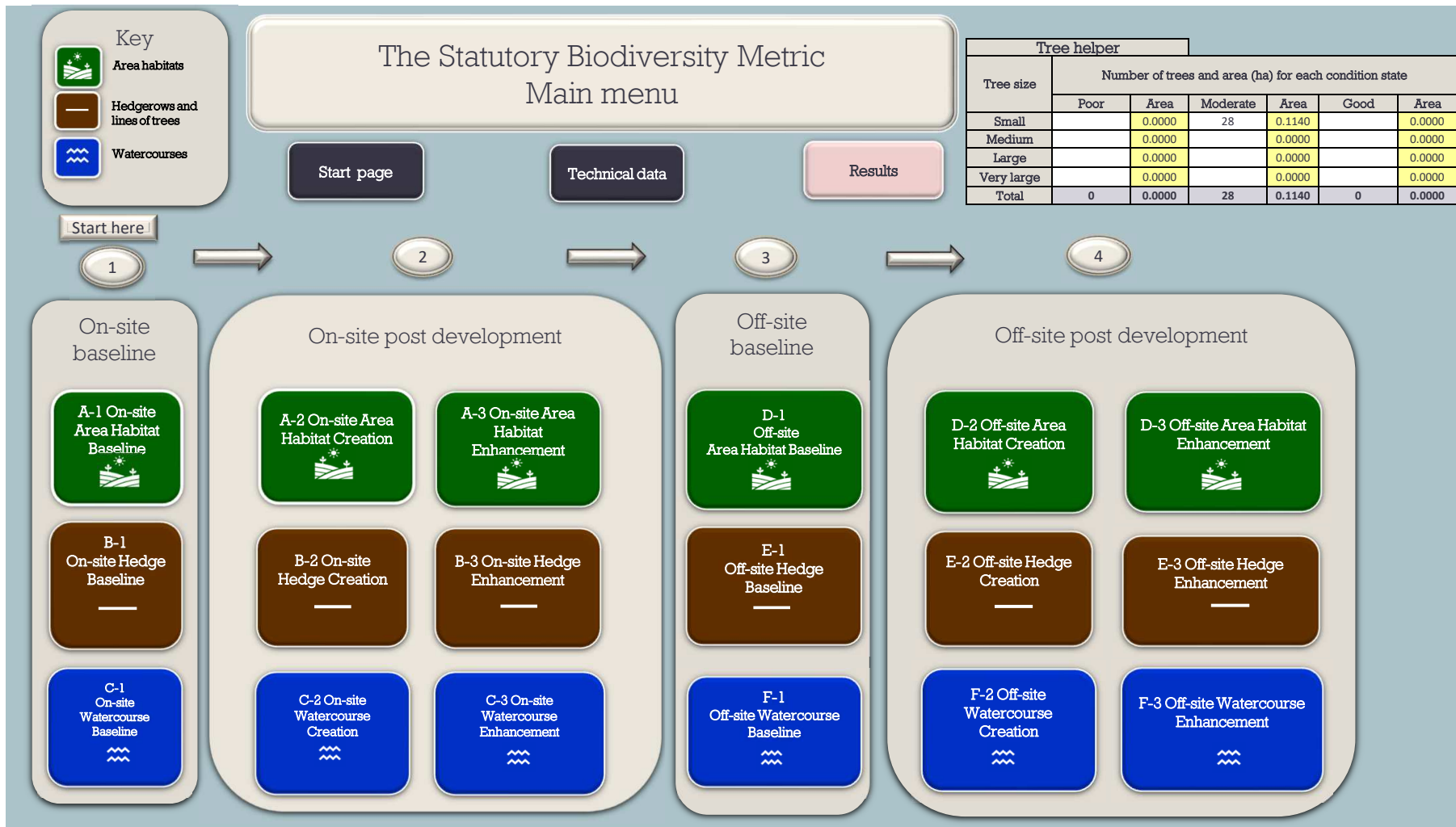
[Insert](#)

On-site post-intervention 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

Credits Summary

BG25.292 Cardens Gardens

Headline Results

Scroll down for final results ▲

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On-site baseline	Area habitat units	1.12	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Area habitat units	1.59	
	Hedgerow units	0.61	
	Watercourse units	0.00	
On-site net change (units & percentage)	Area habitat units	0.47	42.30%
	Hedgerow units	0.61	N/A
	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 (Including habitat retention, creation & enhancement)	Area habitat units	0.00	
	Hedgerow units	0.00	
	Watercourse units	0.00	
Off-site net change (units & percentage)	Area 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)	Area habitat units	0.47	
	Hedgerow units	0.61	
	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 (Including all on-site & off-site habitat retention, creation & enhancement)	Area habitat units	0.47	
	Hedgerow units	0.61	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Area habitat units	42.30%	
	Hedgerow units	N/A	
	Watercourse units	0.00%	
Trading rules satisfied?	Yes ✓		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Area habitat units	10.00%	1.12	1.23	0.00	No additional area habitat units required to meet target ✓
Hedgerow units	10.00%	0.00	0.00	0.00	No additional hedgerow units required to meet target ✓
Watercourse units	10.00%	0.00	0.00	0.00	No additional watercourse units required to meet target ✓

Area habitat summary	
Total Wet Unit Change	0.41
Total Wet % Change	13.3%
Baseline Value Retained	Yes ✓

Existing area habitats					Disturbance		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbance	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Strategic significance multiplier		Total habitat units
1	Cropland	Modified grassland	No	0.239	Low	2	Poor	1	Reactive compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some disturbance to better habitat required 2	0.48
2	Urban	Aerialist overvegetated, unattended surface	No	0.183	V Low	0	NA - Other	0	Reactive compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00
3	Sparsely vegetated land	Tall forbs	No	0.321	Low	2	Poor	1	Reactive compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Some disturbance to better habitat required 2	0.64
4													
				Total habitat area	0.74								1.12
				Site Area (Excluding area of individual trees, grassy walls, intertidal hard structures)	0.74								

						Response compensation agreed for losses of VWSI 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	0.34	0.48		Percent of modified grassland located in the southern end of the site. Fairly marginal vegetation A and so must be assessed as 'Poor' condition.		1
0	0	0.00	0.00	0.18	0.00		Previously grassland located to the north of the site. Temporary altered vegetation values had been deployed atop grassland to the southeast. Not applicable for condition assessment.		3
0	0	0.00	0.00	0.32	0.64		Area of cleared earth ground colonized by sparse tall forbs located centrally within the site, with dominant presence of invasive grasses (hardtail). Fairly criteria A and C and so is assessed to be 'Poor' condition.		2
0.00	0.00	0.00	0.00	0.74	1.12				
				Total area lost (excluding area of individual trees, grassy walls and intertidal hard structures)	0.74				

NP to better conservation tool:	Select a tool	None	NP
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Project Name: BG25.292 Cardens Gardens Map Reference:

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.61
Total Net % Change	N/A
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	H1	Native hedgerow	0.09	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.17		Native hedgerow added as part of landscaping proposals. Expected to pass criteria A1, B1, B2, D1 and D2. Expected to fail criteria A2, C1 and C2. Failing 2 criteria in the same letter class limits hedgerow to 'Poor' condition.		H1
2	H2	Native hedgerow	0.053	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.10		Native hedgerow added as part of landscaping proposals. Expected to pass criteria A1, B1, B2, D1 and D2. Expected to fail criteria A2, C1 and C2. Failing 2 criteria in the same letter class limits hedgerow to 'Poor' condition.		H2
3	H3	Native hedgerow with trees	0.066	Medium	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.25		Native hedgerow with trees added as part of landscaping proposals. Expected to pass criteria A1, B1, B2, D1 and D2. Expected to fail criteria A2, C1 and C2. Failing 2 criteria in the same letter class limits hedgerow to 'Poor' condition.		H3
4	H4	Native hedgerow	0.023	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.04		Native hedgerow added as part of landscaping proposals. Expected to pass criteria A1, B1, B2, D1 and D2. Expected to fail criteria A2, C1 and C2. Failing 2 criteria in the same letter class limits hedgerow to 'Poor' condition.		H4
5	H5	Native hedgerow	0.02	Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.04		Native hedgerow added as part of landscaping proposals. Expected to pass criteria A1, B1, B2, D1 and D2. Expected to fail criteria A2, C1 and C2. Failing 2 criteria in the same letter class limits hedgerow to 'Poor' condition.		H5
				0.25							0.61			