

Small Sites Metric (The Statutory Biodiversity Metric)

Version 1.2.3 Release Date: 3rd July 2025

Cell style conventions

	Enter data
	Automated equation
	Result
	Title cell
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▲	Error
⚠	Attention required
	Use of this cell is not required



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Technical Requirements - Excel Versions: 2010, 2013, 2016, 2019, Office 365, Excel for Android

Sheet Name	Site Details
1. Planning authority:	North Hertfordshire District Council
2. Site name:	21 St Katherines Close
3. Applicant:	Paul Bicknell
4. Planning application type:	Full planning consent
5. Planning application reference:	26/00057/FP
6. Metric completed by (name & job title):	Raymond Crosby, Architectural Consultant
7. Date of metric completion:	
8. Revision number:	
9. Masterplan document title / drawing number:	L1258/BNG01, L1258/BNG11

Net Gain Targets

10. Targeted % increase in Units	10a. Area habitats	10.00
	10b. Hedgerows	10.00
	10c. Watercourses	10.00

11. Optional target increase in units if baseline value is zero	11a. Area habitat units	0.00
	11b. Hedgerow units	0.00
	11c. Watercourse units	0.00

For planning authority use only

12. Planning authority reviewer:	
13. Date of planning authority review:	

Site Name:	21 St Katherines Close
Sheet Name	Desktop Assessment

Development

14. Select the type of proposed development. If Other provide details at Q.25 below	Residential	Site area must be less than 10,000 m2
15. Site area (m ²)	251	
N/A		
17. Number of dwellings proposed within the development site	Between 1 - 9 dwellings	

Designated sites and priority habitats

18. Any designated sites on or within 500m of the site?	No	
19. Any priority habitats on or within 500m of the site?	No	
20. List the designated sites and/or priority habitats	N/A	
21. Information sources used for assessment of designated sites and priority habitats (See guidance)	Defra MAGIC map	

European protected species

22. Any european protected species present on site	No	
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Site walkover

23. Site walkover completed?	Walkover completed by competent person	A competent person should be able to confidently identify the habitats onsite
24. Date of site walkover - DD/MM/YY	05/01/2026	Site walkover data valid until 05/07/26
25. Who completed the walkover? (Name and job title)	Raymond Crosby	Architectural Consultant

Additional details

26. Any additional information or notes		
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[illegible]

Site Name	21 St Katherine's Close
Sheet Name	5. Area Habitats

Instructions
1. Enter data into 1a. Baseline habitats table
2. Enter data on habitats to be created into 1b. Habitats to be created
3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced
4. Enter data on individual trees into 1d. Tree area calculator

All Key Rules Satisfied ✓

Limit Units	0.0000
Current Units	0.0255
Enhancement Units	0.0000
Net Change	0.0255

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Areas (m ²)		F. Area enhanced	Baseline results			Comments	
	A. Broad habitat	B. Habitat type		D. Total Area	E. Area retained		Total habitat units	Area Lost	Units lost		
1	Urban	Unvegetated garden	Area/compensation not in local strategy/ no local strategy	238.00	0.00		0.00	238.00	0.000		
2	Urban	Developed land, sealed surface	Area/compensation not in local strategy/ no local strategy	32.00	0.00		0.00	32.00	0.000		
3											
4											
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17											
18											
19											
20											
Trees	Individual trees	Urban/rural tree	Formally identified in local strategy	302.78	302.78		0.3458	0.00	0.0000		
Total (Areas and trees, green walls and intertidal hard structures)				251.00	0.00		0.3458	251.00	0.0000		
Error Check 1				Areas Acceptable ✓							
Error Check 2				Areas Acceptable ✓							
Error Check 3				Areas Acceptable ✓							

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Area (m²)	Habitat units created onsite	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Urban	Developed land, sealed surface	N/A - Other	N/A - Other	Area/compensation not in local strategy/ no local strategy	46.00	0.0000		
2	Urban	Unvegetated garden	N/A - Other	N/A - Other	Area/compensation not in local strategy/ no local strategy	73.00	0.0000		
3	Urban	Vegetated garden	Condition Assessment N/A	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	132.00	0.0255		
4									
5									
6									
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9									
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14									
15									
16									
17									
18									
19									
20									
Trees	Individual trees	Urban/rural tree	Moderate	Moderate	Area/compensation not in local strategy/ no local strategy	0.00	0.0000		
Totals (Areas and trees, green walls and intertidal hard structures)						231.00	0.0255	Areas Acceptable ✓	
Error Check 4									

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhancement Type	Enhanced habitat type	B. Strategic significance	Area Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type		A. Enhanced habitat type							
1											
2											
3											
4											
5											
6											
7											
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11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Total (Areas and trees, green walls and intertidal hard structures)						0.00		0.0000	0.0000		

1d. - Tree area calculator

Tree size (Diameter at breast height)	A. Total number of trees pre development	B. Number of trees retained (but not enhanced)	C. Number of new trees planted post development	Areas		
				Area pre development	Area retained	Area of new trees planted post development
Small - DBH < 30cm	4	4	0	345	345	0
Medium - DBH > 30 to < 50cm				0	0	0
Large - DBH > 60 to < 90cm				0	0	0
Very Large - DBH > 90cm				0	0	0
Total	4	4	0	345	345	0

Data beyond this row is automated

1e. Trading Summary

Broad Habitat Type - Medium Distinctiveness Habitats	Trading Rules Satisfied ✓
Medium and Low Distinctiveness Band	Trading Rules Satisfied ✓

1f. Habitat trading assessment

Broad habitat types	Distinctiveness Band	Baseline units	Onsite provision	Net change	Trading satisfied?
Cropland	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Grassland	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Heathland and shrub	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Intertidal hard structures	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Intertidal sediment	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Lakes	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Sparsely vegetated land	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Urban	Low	0.0000	0.0255	0.0255	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Woodland and forest	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Coastal saltmarsh	Low	0.0000	0.0000	0.0000	
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	
Individual trees	Low	0.0000	0.0000	0.0000	
	Medium	0.3458	0.3458	0.0000	Yes ✓
Distinctiveness band		Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness		0.3458	0.3458	0.0000	Yes ✓
Low distinctiveness		0.0000	0.0255	0.0255	Yes ✓
Surplus area habitat biodiversity units after offsetting low distinctiveness units				0.0255	Yes ✓

Site Name	23 St Katherine's Close
Sheet Name	6. Hedges & Lines of Trees

Instructions:
1. Enter data into 1a. Baseline habitats
2. Enter data on habitats to be created into 1b. Habitats to be created
3. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced

All Key Rules Satisfied ✓

Retained Units	0.0000
Lost Units	0.0000
Created Units	0.0000
Enhancement Units	0.0000
Net Change	0.0000

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Length (m)			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Length	E. Length retained	F. Lengths enhanced	Total units on-site	Length Lost	Units lost	User comments	LPA comments
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Totals				0.00	0.00	0.00	0.0000	0.00	0.0000		
Error Check 1				Lengths Acceptable ✓							
Error Check 2											

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Length created (m)	Units created on-site	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Wetland/Grassland								
2	Wetland/Grassland								
3	Wetland/Grassland								
4	Wetland/Grassland								
5	Wetland/Grassland								
6	Wetland/Grassland								
7	Wetland/Grassland								
8	Wetland/Grassland								
9	Wetland/Grassland								
10	Wetland/Grassland								
11	Wetland/Grassland								
12	Wetland/Grassland								
13	Wetland/Grassland								
14	Wetland/Grassland								
15	Wetland/Grassland								
16	Wetland/Grassland								
17	Wetland/Grassland								
18	Wetland/Grassland								
19	Wetland/Grassland								
20	Wetland/Grassland								
Totals						0.00	0.0000		
Error Check 1						Lengths Acceptable ✓			

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhancement Type	Enhanced Habitat type		B. Strategic significance	Length Enhanced (m)	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type		A. Enhanced habitat type							User comments	LPA comments
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
Totals							0.00		0.0000	0.0000		

Data beyond this row is automated

1e . Trading Summary

Distinctiveness and Habitat Type	Trading Rules Satisfied ✓
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1f . Habitat trading assessment

Site Name	21 St Katherine's Close
Sheet Name	7. Watercourses

Instructions:

- A. Enter data into 1a. Baseline habitats
B. Enter data on habitats to be created into 1b. Habitats to be created
C. Enter data on habitats to be enhanced into 1c. Habitats to be enhanced

All Key Rules Satisfied ✓

Retained Units	0.0000
Lost Units	0.0000
Created Units	0.0000
Enhancement Units	0.0000
Net Change	0.0000

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Length M			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Length	E. Length retained	F. Length enhanced	Total units onsite	Length Lost	Units lost	User comments	LPA comments
1	Watercourses										
2	Watercourses										
3	Watercourses										
4	Watercourses										
5	Watercourses										
6	Watercourses										
7	Watercourses										
8	Watercourses										
9	Watercourses										
10	Watercourses										
11	Watercourses										
12	Watercourses										
13	Watercourses										
14	Watercourses										
15	Watercourses										
16	Watercourses										
17	Watercourses										
18	Watercourses										
19	Watercourses										
20	Watercourses										
Totals				0.00	0.00	0.00	0.0000	0.00	0.0000		
Error Check 1				Lengths Acceptable ✓							
Error Check 1				Lengths Acceptable ✓							

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Condition Assessment		D. Strategic significance	E. Total Length created (m)	Units created onsite	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Watercourses								
2	Watercourses								
3	Watercourses								
4	Watercourses								
5	Watercourses								
6	Watercourses								
7	Watercourses								
8	Watercourses								
9	Watercourses								
10	Watercourses								
11	Watercourses								
12	Watercourses								
13	Watercourses								
14	Watercourses								
15	Watercourses								
16	Watercourses								
17	Watercourses								
18	Watercourses								
19	Watercourses								
20	Watercourses								
Totals						0.00	0.0000		

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhanced Habitat type		B. Strategic significance	Length Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	A. Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type						User comments	LPA comments
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Totals						0.00		0.0000	0.0000		

Data beyond this row is automated**1e - Trading Summary**

Distinctiveness and Habitat Type	Trading Rules Satisfied ✓
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1f. Habitat trading assessment

Site Name		21 St Katherines Close
Sheet Name		Headline Results
Headline Results		
Headline		BNG Targets Met ✓
Trading Rules		Trading Rules Satisfied ✓
Next steps		Check for input errors/rule breaks present in the metric ⚠
Baseline Units	Area habitat units	0.1498
	Hedgerow units	Zero Units Baseline
	Watercourse units	Zero Units Baseline
Post-development Units	Area habitat units	0.1752
	Hedgerow units	0.0000
	Watercourse units	0.0000
Total net unit change	Area habitat units	0.0255
	Hedgerow units	0.0000
	Watercourse units	0.0000
Total net % change	Area habitat units	17.01%
	Hedgerow units	% target not appropriate
	Watercourse units	% target not appropriate
Area habitat units required to meet target		0.0000
Hedgerow units required to meet target		0.0000
Watercourse units required to meet target		0.0000

Chart 1 - Unit change by habitat group

