

Small Sites Metric (The Statutory Biodiversity Metric)

Version 1.2.2 Release Date:

July 2024

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:	Barnsley Metropolitan Borough Council
2. Site name:	Education Centre, Barnsley Hospital
3. Applicant:	Andrew Witcomb
4. Planning application type:	Full planning consent
5. Planning application reference:	PP-13467752
6. Metric completed by (name & job title):	Owen Mills Architect
7. Date of metric completion:	08 October 2024
8. Revision number:	P02 (10/01/2025)
9. Masterplan document title / drawing number:	151366-JTP-XX-XX-L-5001-P02__BNG_Summary

Net Gain Targets

10. Targeted % increase in Units	10a. Habitat	10.00
	10b. Hedgerow	10.00
	10c. Watercourses	10.00

11. Optional target increase in units if baseline value is zero	11a. 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:	Education Centre, Barnsley Hospital
Sheet Name	Desktop Assessment

Development

14. Select the type of proposed development. If Other provide details at Q.25 below	Commercial	Site area must be less than 10,000 m2
15. Site area (m ²)	1150	
16. Building footprint (m2) of commercial buildings proposed within the development site (or zero if none)	740	
N/A		

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	Small tree and grass lawn	
21. Information sources used for assessment of designated sites and priority habitats (See guidance)	Site Visit	

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	20/08/2024	Site walkover data valid until 20/02/25
25. Who completed the walkover? (Name and job title)	Michael Brown - Architect	

Additional details

26. Any additional information or notes		
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Project Information		Project Details	
Project Name	Project ID	Project Location	Project Status
Project A	001		Completed
Project B	002		In Progress
Project C	003		On Hold
Project D	004		Planned
Project E	005		Completed
Project F	006		In Progress
Project G	007		On Hold
Project H	008		Planned
Project I	009		Completed
Project J	010		In Progress
Project K	011		On Hold
Project L	012		Planned
Project M	013		Completed
Project N	014		In Progress
Project O	015		On Hold
Project P	016		Planned
Project Q	017		Completed
Project R	018		In Progress
Project S	019		On Hold
Project T	020		Planned

Site Name: Education Centre, Barnsley Hospital
 Sheet Name: S. 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 ✓

Lost Units	0.0334
Created Units	0.1493
Enhancement Units	0.0000
Net Change	0.0959

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Area (m ²)			Baseline results			Comments	
	A. Broad Habitat	B. Habitat type		D. Total Area	E. Area retained	F. Area enhanced	Total habitat units onsite	Area Lost	Units lost	User comments	LPA comments
1	Grassland	Meadow grassland	Area/compensation not in local strategy/ no local strategy	175.00	175.00		0.07	40.00	0.038		
2	Urban	Developed land/ water surface	Area/compensation not in local strategy/ no local strategy	875.00	875.00		0.00	0.00	0.000		
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
Trees	Individual trees	Urban/rural tree	Formally identified in local strategy	224.47	142.78		0.1872	40.69	0.0274		
				Total Losses and trees, green roofs and intertidal band structures	1102.00	1102.00	0.26	80.69	0.0654		
				Error Check 1							
				Error Check 2							
				Error Check 3							
							Area Acceptable ✓				

1b. Habitats to be created

Ref	Habitat		Condition Assessment		D. Strategic significance	E. Total Area (m ²)	Habitat units created onsite	Comments	
	A. Broad Habitat	B. Habitat type	Acceptable condition	C. Targeted condition				User comments	LPA comments
1	Urban	Domestic land/ water surface	N/A - Other	N/A - Other	Formally identified in local strategy	40.00	0.0000		
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
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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	488.33	0.1493		
				Total Losses and trees, green roofs and intertidal band structures	488.33	0.1493			
				Error Check 4					
							Area Acceptable ✓		

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type		Enhanced Habitat Type		B. Strategic significance	Area Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	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											
				Total Losses and trees, green roofs and intertidal band structures	0.00	0.0000	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	1			41	0	0
Medium - DBH > 30 to ≤ 45cm	1	1	1	161	161	488
Large - DBH > 45 to ≤ 90cm				0	0	0
Very large - DBH > 90cm				0	0	0
Total	2	1	1	202	161	488

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	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Grassland	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Heathland and shrub	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Intertidal hard structures	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Intertidal sediment	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Lakes	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Sparsely vegetated land	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Urban	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Woodland and forest	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Coastal saltmarsh	Low	0.0000	0.0000	0.0000	N/A
	Medium	0.0000	0.0000	0.0000	N/A
Individual trees	Low	0.0000	0.0000	0.0000	Yes ✓
	Medium	0.1872	0.2069	0.1119	Yes ✓
Distinctiveness band		Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness		0.1872	0.2069	0.1119	Yes ✓
Low distinctiveness		0.0700	0.054	-0.0160	Yes ✓
Surplus area habitat biodiversity units after offsetting low distinctiveness units				0.0959	Yes ✓

Site Name: Education Centre, Barnsley Hospital
 Sheet Name: 6. Hedger & Lines of Trees

Instructions:
 1. Enter data into 2a. 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. Length enhanced	Total units people	Length lost	Units lost	User comments	LPA comments
1	Hedgerows and Lines of trees										
2	Hedgerows and Lines of trees										
3	Hedgerows and Lines of trees										
4	Hedgerows and Lines of trees										
5	Hedgerows and Lines of trees										
6	Hedgerows and Lines of trees										
7	Hedgerows and Lines of trees										
8	Hedgerows and Lines of trees										
9	Hedgerows and Lines of trees										
10	Hedgerows and Lines of trees										
11	Hedgerows and Lines of trees										
12	Hedgerows and Lines of trees										
13	Hedgerows and Lines of trees										
14	Hedgerows and Lines of trees										
15	Hedgerows and Lines of trees										
16	Hedgerows and Lines of trees										
17	Hedgerows and Lines of trees										
18	Hedgerows and Lines of trees										
19	Hedgerows and Lines of trees										
20	Hedgerows and Lines of trees										
Totals				0.00	0.00	0.00	0.0000	0.00	0.0000		
Error Check 1				Length Acceptable ✓							
Error Check 2				Length 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 on-site	Comments		
			Acceptable condition options	C. Targeted condition				User comments	LPA comments	
1	Hedgerows and Lines of trees									
2	Hedgerows and Lines of trees									
3	Hedgerows and Lines of trees									
4	Hedgerows and Lines of trees									
5	Hedgerows and Lines of trees									
6	Hedgerows and Lines of trees									
7	Hedgerows and Lines of trees									
8	Hedgerows and Lines of trees									
9	Hedgerows and Lines of trees									
10	Hedgerows and Lines of trees									
11	Hedgerows and Lines of trees									
12	Hedgerows and Lines of trees									
13	Hedgerows and Lines of trees									
14	Hedgerows and Lines of trees									
15	Hedgerows and Lines of trees									
16	Hedgerows and Lines of trees									
17	Hedgerows and Lines of trees									
18	Hedgerows and Lines of trees									
19	Hedgerows and Lines of trees									
20	Hedgerows and Lines of trees									
Totals						0.00	0.0000			
Error Check 1						Length Acceptable ✓				

1c. Habitats to be enhanced

Baseline ref	Existing Habitat Type			Enhanced Habitat type		B. Strategic significance	Length Enhanced (m)	Enhanced Condition	Total Units	Net Improvement	Comments	
	Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type	User comments						LPA comments	
1												
2												
3												
4												
5												
6												
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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: Education Centre, Barnsley Hospital
 Sheet Name: 7. Watercourses

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. 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 2				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		Enhancement Type	Enhanced Habitat type		B. Strategic significance	Length Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
	A. 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	Education Centre, Barnsley Hospital	
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	Habitat units	0.2572
	Hedgerow units	Zero Units Baseline
	Watercourse units	Zero Units Baseline
Post-development Units	Habitat units	0.3530
	Hedgerow units	0.0000
	Watercourse units	0.0000
Total net unit change	Habitat units	0.0959
	Hedgerow units	0.0000
	Watercourse units	0.0000
Total net % change	Habitat units	37.27%
	Hedgerow units	% target not appropriate
	Watercourse units	% target not appropriate
Habitats 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

