

# Small Sites Metric (Biodiversity Metric 4.0)

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### Cell style conventions

	Enter data
	Automated equation
	Result
	Title cell
	Title cell alt colour
▲	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 Northamptonshire Council
2. Site name:	Station Road, Rushden
3. Applicant:	Blueprint Architectural Design Ltd
4. Planning application type:	
5. Planning application reference:	
6. Metric completed by (name & job title):	Emily Costello Senior Ecologist
7. Date of metric completion:	13 November 2023
8. Revision number:	1
9. Masterplan document title / drawing number:	22-124-04F

#### Net Gain Targets

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

11. Targeted increase in Units if baseline value is zero - agreed with local planning authority	11a. Habitat units	0.00
	11b. Hedgerow units	0.00
	11c. River units	0.00

#### For planning authority use only

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

Site Name:	Station Road, Rushden
Sheet Name	Desktop Assessment

### Development

14. Select the type of proposed development. If Other provide details at Q.24 below	Residential	Site area must be less than 10,000 m2
15. Site area (m <sup>2</sup> )	683.86	
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?	Within 500m of site boundary	Consider using main metric tool $\Delta$
20. List the designated sites and/or priority habitats	Deciduous woodland	
21. Information sources used for assessment of designated sites and priority habitats (See guidance)	Magic Maps	

### Site walkover

22. Site walkover completed?	Walkover completed by qualified ecologist	
23. Date of site walkover - DD/MM/YY	09/11/2023	Site walkover data valid until 09/05/24
24. Who completed the walkover? (Name and job title)	Jess Grundy Assistant Ecologist	

### Additional details

25. Any additional information or notes	
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Site Name	Station Road, Rushden
Sheet Name	5. Area Habitats

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

All Key Rules Satisfied

Lost Units	0.0749
Created Units	0.1391
Enhancement Units	0.0000
Net Change	0.0643

1a. Baseline habitats

Ref	A. Broad Habitat	B. Habitat type	C. Strategic significance	Area (m <sup>2</sup> )		Baseline results		Comments			
				D. Total Area	E. Area retained	F. Area enhanced	Total habitat units onsite	Area Lost	Units lost	User comments	LPA comments
1	Urban	Artificial unvegetated, sealed surface	Area/compensation not in local strategy/ no local strategy	463.37	0.00	0.00	0.00	463.37	0.000		
2	Urban	Developed land; sealed surface	Area/compensation not in local strategy/ no local strategy	220.49	0.00	0.00	0.00	220.49	0.000		
Trees	Individual trees	Urban/rural tree	Formally identified in local strategy	222.08	40.69	0.00	0.1123	81.39	0.0749		
<b>Total (Area excl. Trees)</b>				<b>905.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0.1123</b>	<b>724.55</b>	<b>0.0749</b>		
Error Check 1				Area Acceptable ✓		Area Acceptable ✓					
Error Check 2				Area Acceptable ✓		Area Acceptable ✓					
Error Check 3				Area Acceptable ✓		Area Acceptable ✓					

1b. Habitats to be created

Ref	A. Broad Habitat	B. Habitat type	Acceptable condition options	C. Targeted condition	D. Strategic significance	E. Total Area (m <sup>2</sup> )	Habitat units created onsite	Comments			
								User comments	LPA comments		
1	Urban	Vegetated garden	Condition Assessment N/A	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	205.18	0.0395				
2	Urban	Developed land; sealed surface	N/A - Other	N/A - Other	Area/compensation not in local strategy/ no local strategy	478.68	0.0000				
Trees	Individual trees	Urban/rural tree	Moderate	Moderate	Area/compensation not in local strategy/ no local strategy	325.56	0.0395				
<b>Total (Area excl. Trees)</b>				<b>609.42</b>	<b>Area Acceptable ✓</b>	<b>0.1201</b>					
Error Check 4				Area Acceptable ✓		Area Acceptable ✓					

1c. Habitats to be enhanced

Baseline ref	Existing habitat type	Enhanced habitat type	Enhancement Type	A. Enhanced habitat type	B. Strategic significance	Area Enhanced	Enhanced Condition	Total Units	Net Improvement	Comments	
										User comments	LPA comments
1	Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type	B. Strategic significance	Area Enhanced	Enhanced Condition	Total Units	Net Improvement	User comments	LPA comments
Trees	Individual trees	Urban/rural tree	Condition	Urban/rural tree	Area/compensation not in local strategy/ no local strategy	0.00	Good	0.0000	0.0000		
<b>Total (Area excl. Trees)</b>				<b>0.00</b>	<b>Good</b>	<b>0.0000</b>	<b>0.0000</b>				

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 trees enhanced	D. Number of new trees planted post development	Area			
					Area pre development	Area retained	Area Enhanced by development	Area of new trees planted post development
Small - DBH < 30cm	3	3	0	0	122	41	0	126
Medium - DBH > 30 to 50cm					0	0	0	0
Large - DBH > 50cm					0	0	0	0
<b>Total</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>122</b>	<b>41</b>	<b>0</b>	<b>126</b>

Data beyond this row is automated

1e. Trading Summary

Broad Habitat Type	Trading Rules Satisfied ✓
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	N/A
Grassland	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	N/A
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	N/A
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	N/A
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	N/A
Lakes	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	N/A
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	N/A
Urban	Low	0.0000	0.0395	0.0395	N/A
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	N/A
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	N/A
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	N/A
Individual trees	Low	0.0000	0.0000	0.0000	-
	Medium	0.1123	0.1370	0.0247	Yes
	High	0.0000	0.0000	0.0000	N/A
<b>Distinctiveness band</b>		<b>Baseline units</b>	<b>Onsite provision</b>	<b>Net change</b>	<b>Trading satisfied?</b>
Medium distinctiveness		0.1123	0.137	0.0247	Yes
Low distinctiveness		0.0000	0.040	0.0395	Yes
Are there sufficient Medium distinctiveness units to cover low distinctiveness losses?			0.0643		Yes

Site Name		Station Road, Rushden
Sheet Name		Headline Results
<b>Headline Results</b>		
Headline		BNG Targets Met ✓
Trading Rules		Trading Rules Satisfied ✓
Next steps		Submit metric to LPA
Baseline Units	Habitat units	0.1123
	Hedgerow units	Zero Units Baseline
	River units	Zero Units Baseline
Post-development Units	Habitat units	0.1766
	Hedgerow units	0.0000
	River units	0.0000
Total net unit change	Habitat units	0.0643
	Hedgerow units	0.0000
	River units	0.0000
Total net % change	Habitat units	57.21%
	Hedgerow units	% target not appropriate
	River units	% target not appropriate
Habitats units required to meet target		0.0000
Hedgerow units required to meet target		0.0000
River units required to meet target		0.0000

**Chart 1 - Unit change by habitat group**

