

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
	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 Herts
2. Site name:	Eastern Entrance at West Lane Farm
3. Applicant:	Mr Reid
4. Planning application type:	Full planning consent
5. Planning application reference:	TBC
6. Metric completed by (name & job title):	T. McArdle BsC. Hons (Rural Land Mgt) MRICS
7. Date of metric completion:	31 January 2025
8. Revision number:	1
9. Masterplan document title / drawing number:	

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:	Eastern Entrance at West Lane Farm
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)	777	
16. Building footprint (m2) of commercial buildings proposed within the development site (or zero if none)	0	
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?	Within 500m of site boundary	Consider using main metric tool ⚠
20. List the designated sites and/or priority habitats	Traditional Orchard (0.35ha) PHID51529332_023211261 - 220m south of site Deciduous Woodland (0.61ha) PHID51575171_023243471 - 485m to east of site	
21. Information sources used for assessment of designated sites and priority habitats (See guidance)	MAGIC	

European protected species

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

23. Site walkover completed?		
24. Date of site walkover - DD/MM/YY	16/12/2024	Site walkover data valid until 16/06/25
25. Who completed the walkover? (Name and job title)	T. McArdle Bsc. Hons MRICS	

Additional details

26. Any additional information or notes		
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Site Name:	Eastern Entrance at West Lane Farm
Sheet Name	Supporting Information

Baseline Habitat Photos

Insert photographs to support assumptions made in the metric

Ref	Habitat type	Photo 1		Photo 2	
1	Date taken				
	Cereal crops				
2	Date taken				
	Modified grassland				

Site Name	Eastern Entrance at West Lane Farm
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 ✓

Retained Units	0.0000
Lost Units	0.1828
Created Units	0.2043
Enhancement Units	0.0000
Net Change	0.0215

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Areas (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	Cropland	Cereal crops	Area/compensation not in local strategy/ no local strategy	640.00			0.13	640.00	0.128		
2	Grassland	Modified grassland	Area/compensation not in local strategy/ no local strategy	137.00			0.05	137.00	0.055		
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
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16											
17											
18											
19											
20											
Trees	Individual trees	Urban/rural tree	Formally identified in local strategy	0.00	0.00		0.0000	0.00	0.0000		
Totals (areas excl trees, green walls and intertidal hard structures)				777.00	0.00	0.00	0.1828	777.00	0.1828		
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 (m ²)	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	340.00	0.0000		
2	Grassland	Modified grassland	Moderate, Good	Good	Area/compensation not in local strategy/ no local strategy	437.00	0.2043		
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
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 excl trees, green walls and intertidal hard structures)						777.00	0.2043		
Error Check 4						Areas 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											
Totals (areas excl 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				0	0	0
Medium - DBH > 30 to ≤ 60cm				0	0	0
Large - DBH > 60 to ≤ 90cm				0	0	0
Very Large - DBH > 90cm				0	0	0
Total	0	0	0	0	0	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	0.1280	0.0000	-0.1280	-
	Medium	0.0000	0.0000	0.0000	N/A
Grassland	Low	0.0548	0.2043	0.1495	-
	Medium	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
Intertidal hard structures	Low	0.0000	0.0000	0.0000	-
	Medium	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
Lakes	Low	0.0000	0.0000	0.0000	-
	Medium	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
Urban	Low	0.0000	0.0000	0.0000	-
	Medium	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
Coastal saltmarsh	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
Individual trees	Low	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A

Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness	0.0000	0.000	0.0000	Yes ✓
Low distinctiveness	0.1828	0.204	0.0215	Yes ✓
Surplus area habitat biodiversity units after offsetting low distinctiveness units			0.0215	Yes ✓

Site Name	Eastern Entrance at West Lane Farm
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	0.8937
Enhancement Units	0.0000
Net Change	0.8937

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	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				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 on-site	Comments	
			Acceptable condition options	C. Targeted condition				User comments	LPA comments
1	Hedgerows and Lines of trees	Species-rich native hedgerow	Moderate, Good	Moderate	Area/compensation not in local strategy/ no local strategy	133.50	0.8937		
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						133.50	0.8937		
Error Check 1						Lengths 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											
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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

Broad habitat type	Distinctiveness	Habitat type	Baseline units	Onsite provision	Net change	Trading satisfied?
Hedgerows and Lines of trees	Medium	Species-rich native hedgerow	0.0000	0.8937	0.8937	Yes ✓
		Native hedgerow - associated with bank or ditch	0.0000	0.0000	0.0000	
		Native hedgerow with trees	0.0000	0.0000	0.0000	
		Ecologically valuable line of trees	0.0000	0.0000	0.0000	
		Ecologically valuable line of trees - associated with bank or ditch	0.0000	0.0000	0.0000	
		Sum	0.0000	0.8937	0.8937	Yes ✓
	Low	Native hedgerow	0.0000	0.0000	0.0000	
		Line of trees	0.0000	0.0000	0.0000	
		Line of trees - associated with bank or ditch	0.0000	0.0000	0.0000	
		Sum	0.0000	0.0000	0.0000	
	Very low	Non-native and ornamental hedgerow	0.0000	0.0000	0.0000	Yes✓

Surplus medium distinctiveness units to offset low and very low distinctiveness units	0.8937
Cumulative surplus of units after offsetting low distinctiveness units	0.8937
Cumulative surplus of units after offsetting very low distinctiveness units	0.8937

Site Name	Eastern Entrance at West Lane Farm
Sheet Name	Headline Results

Headline Results

Headline	BNG Targets Met ✓
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Trading Rules	Trading Rules Satisfied ✓
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Next steps	Check for input errors/rule breaks present in the metric ⚠
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Baseline Units	Habitat units	0.1828
	Hedgerow units	Zero Units Baseline
	Watercourse units	Zero Units Baseline

Post-development Units	Habitat units	0.2043
	Hedgerow units	0.8937
	Watercourse units	0.0000

Total net unit change	Habitat units	0.0215	✓
	Hedgerow units	0.8937	
	Watercourse units	0.0000	

Total net % change	Habitat units	11.78%	✓
	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

