

Small Sites Metric (The Statutory Biodiversity Metric)

Release Date: February 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:	Staffordshire Moorlands District Council
2. Site name:	The Dairy, Winnothdale
3. Applicant:	Mr Lee Doyle
4. Planning application type:	Full planning consent
5. Planning application reference:	
6. Metric completed by (name & job title):	Thomas Egerton (Ecologist)
7. Date of metric completion:	15 May 2024
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. 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. Watercourse units	0.00

For planning authority use only

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

Site Name:	The Dairy, Winnothdale
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)	475	
16. Building footprint (m2) of commercial buildings proposed within the development site (or zero if none)	58	
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	N/A	
21. Information sources used for assessment of designated sites and priority habitats (See guidance)	Staffordshire Ecological Record, MAGIC map	

Site walkover

22. Site walkover completed?	Walkover completed by qualified ecologist	
23. Date of site walkover - DD/MM/YY	14/05/2024	Site walkover data valid until 14/11/24
24. Who completed the walkover? (Name and job title)	Thomas Egerton (Ecologist)	

Additional details

25. Any additional information or notes	
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Site Name:	The Dairy, Winnothdale
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	13 May 2024		13 May 2024	
	Modified grassland				
2	Date taken	13 May 2024		13 May 2024	
	Other lowland acid grassland				
3	Date taken	13 May 2024		13 May 2024	
	Artificial unvegetated, unsealed surface				

Site Name	The Dairy, Winnothdale
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 ✓

Lost Units	0.0866
Created Units	0.0766
Enhancement Units	0.1298
Net Change	0.0237

1a. Baseline habitats

Ref	Habitat		C. Strategic significance	Areas (m²)		Baseline results			Comments		
	A. Broad Habitat	B. Habitat type		D. Total Area	E. Area retained	F. Area enhanced	Total habitat units on/24	Area Lost	Units lost	User comments	LPA comments
1	Grassland	Modified grassland	Formally identified in local strategy	345.00		209.00	0.14	196.00	0.083		
2	Grassland	Other lowland acid grassland	Area/compensation not in local strategy/ no local strategy	13.00	23.00		0.04	30.00	0.024		
3	Urban	Artificial unvegetated, unsealed surface	Area/compensation not in local strategy/ no local strategy	77.00	77.00		0.00	0.00	0.000		
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	Formally identified in local strategy	0.00	0.00		0.0000	0.00	0.0000		
				Totals (area and trees, green walls and intertidal hard structured)		473.00	100.00	209.00	0.2214	166.00	0.0955
				Error Check 1		Area Acceptable ✓					
				Error Check 2		Area Acceptable ✓					
				Error Check 3		Area 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 status	C. Targeted condition				User comments	LPA comments
1	Urban	Introduced shrub	Condition Assessment N/A	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	18.00	0.0035		
2	Urban	Artificial unvegetated, unsealed surface	N/A - Other	N/A - Other	Area/compensation not in local strategy/ no local strategy	80.00	0.0000		
3	Grassland	Other neutral grassland	Moderate, Good	Good	Area/compensation not in local strategy/ no local strategy	87.00	0.0731		
4	Urban	Developed land, sealed surface	N/A - Other	N/A - Other	Area/compensation not in local strategy/ no local strategy	31.00	0.0000		
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 (area and trees, green walls and intertidal hard structures)						189.00	0.0738	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	
	A. Broad habitat type	Existing habitat type	Enhancement Type	A. Enhanced habitat type						User comments	LPA comments
1	Grassland	Modified grassland	Condition	Modified grassland	Formally identified in local strategy	209.00	Good	0.1298	0.0337		
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
				Totals (area and trees, green walls and intertidal hard structured)		209.00		0.1298	0.0337		

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	Area		
				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	0.0000	0.0000	0.0000	-
	Medium	0.0000	0.0000	0.0000	N/A
	High	0.1587	0.1278	-0.0309	Yes ✓
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	0.0000	0.0000	-
	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	0.0000	0.0000	0.0000	N/A
	High	0.0000	0.0000	0.0000	N/A

Distinctiveness band	Baseline units	Onsite provision	Net change	Trading satisfied?
Medium distinctiveness	0.0424	0.002	0.0495	Yes ✓
Low distinctiveness	0.1587	0.133	-0.0254	Yes ✓
Surplus area habitat biodiversity units after offsetting low distinctiveness units			0.0237	Yes ✓

Site Name	The Dairy, Wymothdale
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. Length enhanced	Total units acres	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								
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						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											
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	The Dairy, Winnothdale
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 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	
	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								0.0000	0.0000		
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		The Dairy, Winnothdale
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	0.2011
	Hedgerow units	Zero Units Baseline
	Watercourse units	Zero Units Baseline
Post-development Units	Habitat units	0.2248
	Hedgerow units	0.0000
	Watercourse units	0.0000
Total net unit change	Habitat units	0.0237
	Hedgerow units	0.0000
	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

