

The Statutory Biodiversity Metric Start page

Project details			
Planning authority:	Ashfield District Council		
Project name:	Proposed New Dwelling at 5 Orchard Road, Kirkby-in-Ashfield, NG17 8JX		
Applicant:	Nicholas Dutton - Amila Property Group		
Application type:	Full Planning		
Planning application reference:	V/2024/0496		
Completed by:	Helen Chambers MSc by res, Ecologist @ Morph Ecological		
Date of metric completion:	18 October 2025		
Reviewer:	Steve Ralph MSc MCIEM, Director @ Morph Ecological		
Calculation iteration:	2		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	0.03	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

Main menu

Results

Cell style conventions	
	Attention required
	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

View all

Reset view

On-site baseline map Insert

On-site baseline map reference number

On-site post intervention map Insert

On-site post-intervention map reference number

Off-site baseline map Insert

Off-site baseline map reference number

Off-site post intervention map Insert

Off-site post-intervention reference number

The Statutory Biodiversity Metric Main menu

Key

-  Area habitats
-  Hedgerows and lines of trees
-  Watercourses

Start page

Technical data

Results

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000		0.0000		0.0000
Medium		0.0000	1	0.0163		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	1	0.0163	0	0.0000

Start here

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On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

Unit Shortfall by Tier/Module	
Tier	Unit Shortfall
A1	0.41 ▲
A2	0.00
A3	0.00
A4	0.00
A5	0.00
H	0.00
W	0.00

*The spatial risk multiplier has been applied to all unit shortfall values.

The Statutory Biodiversity Metric Results

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[Detailed results](#)

[Habitat trading
summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

Proposed New Dwelling at 5 Orchard Road, Kirkby

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Headline Results

Scroll down for final results ▲

On-site baseline	Habitat units	0.21		
	Hedgerow units	0.00		
	Watercourse units	0.00		
On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	0.02		
	Hedgerow units	0.00		
	Watercourse units	0.00		
On-site net change <small>(units & percentage)</small>	Habitat units	-0.19	-88.85%	On-site net gain is less than target set ▲
	Hedgerow units	0.00	0.00%	
	Watercourse units	0.00	0.00%	

Off-site baseline	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small>	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site net change <small>(units & percentage)</small>	Habitat units	0.00	0.00%	
	Hedgerow units	0.00	0.00%	
	Watercourse units	0.00	0.00%	

Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-0.19		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Spatial risk multiplier (SRM) deductions	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		

FINAL RESULTS

Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-0.19		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small>	Habitat units	-88.85%	Total net gain achieved is less than target set ▲	
	Hedgerow units	0.00%		
	Watercourse units	0.00%		
Trading rules satisfied?	No - Check Trading Summaries ▲			

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	0.21	0.23	0.21	
Hedgerow units	10.00%	0.00	0.00	0.00	No additional hedgerow units required to meet target ✓
Watercourse units	10.00%	0.00	0.00	0.00	No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Regional Key Species of Protected Birds, Fishes, Reptiles, Mammals, AMPs etc

Detailed Results

Summary Figures

Net project biodiversity gain	100%
Number of species at least locally common	100%
Total project biodiversity % change	100%
Number of species at least locally common	100%

Combined habitat mitigation and enhancement

Area (ha)	100%
Number of species at least locally common	100%
Total project biodiversity % change	100%
Number of species at least locally common	100%

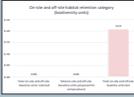
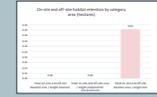
Tree habitats

Checklist details for broad habitat type

Habitat type	Area (ha)	Pre-development	Development	Net Change
...

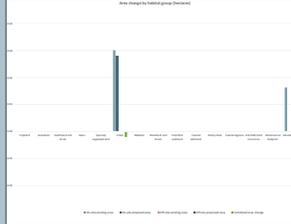
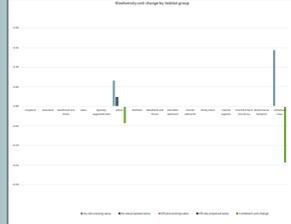
Checklist areas lost from broadleaf by development level

Category	Area lost (ha)	Area not lost (ha)
...



Checklist details for broad habitat type

Habitat type	Area (ha)	Pre-development	Development	Net Change
...

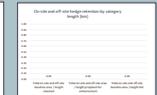


Checklist details for broad habitat type

Habitat type	Area (ha)	Pre-development	Development	Net Change
...

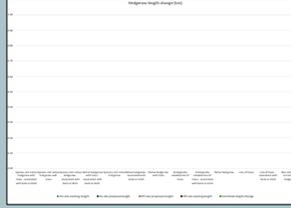
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Checklist details for broad habitat type

Habitat type	Area (ha)	Pre-development	Development	Net Change
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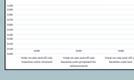


Checklist details for broad habitat type

Habitat type	Area (ha)	Pre-development	Development	Net Change
...

Checklist areas lost from broadleaf by development level

Category	Area lost (ha)	Area not lost (ha)
...



Checklist details for broad habitat type

Habitat type	Area (ha)	Pre-development	Development	Net Change
...



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Trading summary area habitats

Trading summary watercourses

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness or better habitat required	Yes ✓

Very High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary

Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses: Like for like not satisfied	0.00

High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness losses to be offset by trading in	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00

Medium Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness Summary

Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Very Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	0.00	0.00	0.00
	0.00	0.00	0.00

Very Low Distinctiveness Summary

Very Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

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Trading summary area habitats

Trading summary hedgerows

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option A	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same habitat required =	Yes ✓
Low	Better distinctiveness habitat required	Yes ✓

Very High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary

Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Medium Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.00	0.00	0.00
Canals	0.00	0.00	0.00
	0.00	0.00	0.00

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Proposed New Dwellings at 8 Orchard Road, Kirby-la-Trethewey, N0118X Map
A-2 On-Site Habitat Creation

Conditions / Draw Columns
Map Notes

Area habitat summary	
Total Net Gain Change	-0.10
Total Net % Change	-0.00%
Tweaking Index Indicated	0% (Check Tweaking parameter)
Area Check	Area Non-compliant ✓

Full Intervention Habitat

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Vegetation		Condition		Strategic significance			Temporal multiplier			Difficulty multipliers			Comments					
				Plant/Tree	Score	Condition	Score	Strategic significance	Strategic significance multiplier	Standard time to target condition (years)	Habitat created in scheme (years)	Delay to starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	Habitat value delivered	User comments	Planning authority comments
1	Urban	Developed road, sealed surface	0.008	W Lane	0	3.0	0	Low Strategic significance	1	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.000	None existing			
2	Urban	Developed road, sealed surface	0.009	W Lane	0	3.0	0	Low Strategic significance	1	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.000	None for biodiversity			
3	Urban	Vegetated gardens	0.011	Low	2	3.0	1	Medium Strategic significance	1.1	1	Standard time to target condition applied	1	0.905	Low	Standard difficulty applied	Low	1	0.000	None gardens			
4																						
Total habitat area:			0.03																			
Site Area (Excluding area of individual trees, green walls, interstitial hard structures)			0.03																			
MP to be aware conversion tool:				Score & unit	Condition	MP																

Total Value 0.00