

The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:	Hinckley and Bosworth Borough Council		
Project name:	Land North of Station Market Bosworth		
Applicant:	Richborough Estates Limited		
Application type:			
Planning application reference:			
Completed by:	Jane Wallace/Beth Hewes		
Date of metric completion:	09 May 2025		
Reviewer:	Dan Widdowson		
Calculation iteration:	V1R4		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	Yes ☐		
Total site area - including irreplaceable habitat area (hectares):	7.82	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

BIA Baseline Visualisation

On-site post intervention map

Insert



On-site post-intervention map reference number

Proposed Visualisation

Off-site baseline map

Insert



Off-site baseline map reference number

Off-site post intervention map

Insert



Off-site post-intervention reference number

Key

Area habitats

Hedgerows and lines of trees

Watercourses

The Statutory Biodiversity Metric
Main menu

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	171	0.6962		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	171	0.6962	0	0.0000

Start here

1

2

3

4

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

The Statutory Biodiversity Metric Results

Return to start
page

Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Irreplaceable
habitats summary

Unit shortfall
summary

Land North of Station Market Bosworth

Headline Results

Scroll down for final results

Return to results menu

On-site baseline	Habitat units	34.36		
	Hedgerow units	4.38		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	31.34		
	Hedgerow units	5.61		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-3.03	-8.81%	On-site net gain is less than target set
	Hedgerow units	1.23	28.09%	
	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 (Including habitat retention, creation & enhancement)	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site net change (units & percentage)	Habitat units	0.00	0.00%	
	Hedgerow units	0.00	0.00%	
	Watercourse units	0.00	0.00%	

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-3.03		
	Hedgerow units	1.23		
	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 (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-3.03		
	Hedgerow units	1.23		
	Watercourse units	0.00		
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-8.81%	Total net gain achieved is less than target set	
	Hedgerow units	28.09%		
	Watercourse units	0.00%		

Trading rules satisfied?	No - Check Trading Summaries
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit	No additional hedgerow units required to meet target No additional watercourse units required to meet target
Habitat units	10.00%	34.36	37.80	6.46	
Hedgerow units	10.00%	4.38	4.81	0.00	
Watercourse units	10.00%	0.00	0.00	0.00	

Input errors/rule breaks present in metric

Unit Shortfall by Tier/Module	
Tier	Unit Shortfall
A1	12.93 ▲
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.

Project Name: Land North of Station Market Bosworth - Map Reference: R36/6a B1A

A-1 On-Site Habitat Baseline

Condition / Show Columns

Condition / Show Rows

Main Menu

Area habitat summary

Total Net Use Change

Total Net Use Change

Trading Ratio habitat

No (not trading summary) A

Existing area habitats										Disturbance		Condition		Strategic significance			Required Action to Meet Trading Risks		Ecological habitat		Bioscope compensation agreed for losses of VNHM or Irreplaceable habitat		Comments	
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Disturbance	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Risks	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Bioscope compensation agreed for losses of VNHM or Irreplaceable habitat	User comments	Planning authority comments	Statutory reference number	
1	Grassland	Modified grassland	No	0.1564	Low	2	Medium	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	None (disturbance or better habitat required)	0.51	0.0103	0	0.00	0.00	0.10	0.41	Modified grassland (very present) adjacent to access road. The condition of the habitat has been assessed separately as moderate in the following criteria have been achieved in the conditions assessment: 4-6 vascular plant species per m2, overall height is varied (at least 20% of overall is < 70cm, and at least 20% of overall is > 70cm, with accounts for < 20% of total grassland area, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). The eastern field does achieve the following criteria: overall height is varied (at least 20% of overall is < 70cm, and at least 20% of overall is > 70cm, with accounts for < 20% of total grassland area, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). Rewilding Hackley and Bosworth Through Council Core Strategy (2009) there is Market Bosworth Veterans Ash Local Wildlife Site units, and several Local Wildlife Sites (Kings Golf Course Ponds & Inc, and Sedgeburn) deemed connected to the site, hence strategic significance for this habitat.				
2	Grassland	Modified grassland	No	0.0134	Low	2	Medium	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	None (disturbance or better habitat required)	0.06	0	0.0014	0.00	0.06	0.00	0.00	Modified grassland (very present) adjacent to access road. The condition of the habitat has been assessed separately as moderate in the following criteria have been achieved in the conditions assessment: 4-6 vascular plant species per m2, overall height is varied (at least 20% of overall is < 70cm, and at least 20% of overall is > 70cm, with accounts for < 20% of total grassland area, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). Rewilding Hackley and Bosworth Through Council Core Strategy (2009) there is Market Bosworth Veterans Ash Local Wildlife Site units, and several Local Wildlife Sites (Kings Golf Course Ponds & Inc, and Sedgeburn) deemed connected to the site, hence strategic significance for this habitat.				
3	Grassland	Modified grassland	No	0.58	Low	2	Poor	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	None (disturbance or better habitat required)	1.28	0	0.58	0.00	1.28	0.00	0.00	Fields of grassland present in the west of the site (up to an access road and to the east of the site). Each has been assessed separately as poor in that it fails to achieve the first criteria (4-6 vascular plant species per m2) which is essential to achieving a moderate condition in the conditions assessment. The western field does however achieve the following criteria: scrub accounts for < 20%, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). The eastern field does achieve the following criteria: overall height is varied (at least 20% of overall is < 70cm, and at least 20% of overall is > 70cm, with accounts for < 20% of total grassland area, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). Rewilding Hackley and Bosworth Through Council Core Strategy (2009) there is Market Bosworth Veterans Ash Local Wildlife Site units, and several Local Wildlife Sites (Kings Golf Course Ponds & Inc, and Sedgeburn) deemed connected to the site, hence strategic significance for this habitat.				
4	Grassland	Modified grassland	No	0.0414	Low	2	Poor	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	None (disturbance or better habitat required)	8.89	0.002	0	0.00	0.00	0.04	8.89	Fields of grassland present in the west of the site (up to an access road and to the east of the site). Each has been assessed separately as poor in that it fails to achieve the first criteria (4-6 vascular plant species per m2) which is essential to achieving a moderate condition in the conditions assessment. The western field does however achieve the following criteria: scrub accounts for < 20%, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). The eastern field does achieve the following criteria: overall height is varied (at least 20% of overall is < 70cm, and at least 20% of overall is > 70cm, with accounts for < 20% of total grassland area, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). Rewilding Hackley and Bosworth Through Council Core Strategy (2009) there is Market Bosworth Veterans Ash Local Wildlife Site units, and several Local Wildlife Sites (Kings Golf Course Ponds & Inc, and Sedgeburn) deemed connected to the site, hence strategic significance for this habitat.				
5	Grassland	Modified grassland	No	1.0316	Low	2	Poor	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	None (disturbance or better habitat required)	2.27	0	1.0316	0.00	2.27	0.00	0.00	Fields of grassland present in the west of the site (up to an access road and to the east of the site). Each has been assessed separately as poor in that it fails to achieve the first criteria (4-6 vascular plant species per m2) which is essential to achieving a moderate condition in the conditions assessment. The western field does however achieve the following criteria: scrub accounts for < 20%, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). The eastern field does achieve the following criteria: overall height is varied (at least 20% of overall is < 70cm, and at least 20% of overall is > 70cm, with accounts for < 20% of total grassland area, cover of bracken is < 20%, and there is an absence of invasive non-native plant species (as listed in Schedule 4 of WCA, 1981). Rewilding Hackley and Bosworth Through Council Core Strategy (2009) there is Market Bosworth Veterans Ash Local Wildlife Site units, and several Local Wildlife Sites (Kings Golf Course Ponds & Inc, and Sedgeburn) deemed connected to the site, hence strategic significance for this habitat.				
6	Lake	Ponds (non-priority habitat)	No	0.0366	Medium	4	Medium	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	None (local habitat or a higher disturbance level required)	0.32	0	0	0.00	0.00	0.04	0.32	Within the other natural grassland, a non-priority pond. The condition of the habitat has been assessed as moderate in the following criteria have been achieved in the conditions assessment: there is a semi-natural habitat for at least 10m. Beyond pond edge, 10% of the water surface is covered with duckweed or floating leaves, the pond is not artificially connected to other waterbodies, pond water level is not permanently regulated by a dam or weir, the pond is an absence of land and water plants at annual periods. The pond is not artificially connected with fish, and the pond is not a water body. The pond is a pond.				

and North of Station Market Boreworth - Map Reference: BSF_8306a_BFA_Proposed_Visualisations										Area habitat summary									
A-2 On-Site Habitat Creation										Total Net Unit Change									
Condition / Show Columns										Total Net % Change									
Main Menu										Total Net % Change									
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Area habitat summary	
Total Net Loss Change	-3.03
Total Net % Change	-0.33%
Trading Rules Satisfied	No - check trading summaries ▲

Total habitat area	1.63
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th of Station Market Bosworth Map Reference: RSE_8306a BIA Proposed Vi

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

[Main Menu](#)

Hedgerow summary	
Total Net Unit Change	1.23
Total Net % Change	28.09%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Distinctiveness		Condition		Strategic significance			Temporal multiplier					Difficulty risk multipliers				Hedge units delivered	Comments			
Ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat created in advance (years)	Delay in 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	User comments	Planning authority comments	Habitat reference number
1	H6	Native hedgerow	0.189	Low	2	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.70	Hedgerow to be planted in the east of the site, where the site has been fenced off for BNG enhancements. It is considered that the habitat can achieve a moderate condition by implementing a management plan to meet the following criteria in the conditions assessment: height and width to be maintained at an average of >1.5m along the length and a gap of <0.5m between the ground and the base of the canopy for 90% of the hedge length; any gaps which appear should be restocked to maintain the hedge as intact; undesirable species (nettles, cleavers and docks) should be discouraged from growing however, no greater than 20% ground cover of these species is acceptable; >90% of the hedgerow length and ground vegetation (for at least 1m) should be free of non-native invasive and neophyte (naturalised) species; and lastly, hedgerows should be managed sensitively with no excessive cutting, pollution or waste build up (manure/household waste/rubbish). Reviewing Hinckley and Bosworth Borough Council Core Strategy (2009) there is Market Bosworth Veteran Ash Local Wildlife Site onsite, and several Local Wildlife Sites (Kynigs Golf Course Ponds & tree, and Sedgemere) deemed connected to the site, hence strategic significance for this habitat.		
2																								
3																								
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			0.19																	0.70				

The Statutory Biodiversity Metric

Technical Data

Return to start
page

All area habitats

Area habitat groups

Multipliers

Temporal multipliers

Enhancement
temporal multipliers

Hedgerow data

Phase 1 - metric
habitat translation tool

Watercourse data

Condition data

Unit shortfall
calculations

Version history