

The Statutory Biodiversity Metric

Start page

Project details			
Planning authority:	Charnwood Borough Council		
Project name:	Lodge Farm School - Forestry School		
Applicant:	Lodge Farm School		
Application type:	Full		
Planning application reference:			
Completed by:	Mark Woods		
Date of metric completion:	12 December 2024		
Reviewer:			
Calculation iteration:			
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):	0.36	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 post intervention map

Insert

On-site baseline map reference number

On-site post-intervention map reference number

Off-site baseline map

Insert

Off-site post intervention map

Insert

Off-site baseline map reference number

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		0.0000		0.0000
Medium		0.0000	2	0.0326		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	2	0.0326	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

Unit Shortfall by Tier/Module	
Tier	Unit Shortfall
A1	0.00
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

Return to start
page

Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Irreplaceable
habitats summary

Unit shortfall
summary

Lodge Farm School - Forestry School
Headline Results
Scroll down for final results 

Return to
results menu

On-site baseline	Habitat units	0.45	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.50	
	Hedgerow units	0.00	
	Watercourse units	0.00	
On-site net change (units & percentage)	Habitat units	0.05	11.16%
	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 (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	0.05	
	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 (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	0.05	
	Hedgerow units	0.00	
	Watercourse units	0.00	

Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	11.16%	
	Hedgerow units	0.00%	
	Watercourse units	0.00%	

Trading rules satisfied?	Yes 
--------------------------	---

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	0.45	0.50	0.00
Hedgerow units	10.00%	0.00	0.00	0.00
Watercourse units	10.00%	0.00	0.00	0.00

No additional area habitat units required to meet target 

No additional hedgerow units required to meet target 

No additional watercourse units required to meet target 

Project Name: Lodge Farm School - Forestry School Map Reference:

A-I On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary

Total Net Unit Change

0.05

Total Net % Change

11.16%

Trading Rules Satisfied

Yes ✓

Existing area habitats					Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total habitat units	
1	Urban	Developed land; sealed surface	No	0.159	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00	
2	Grassland	Modified grassland	No	0.148	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.30	
3	Woodland and forest	Other woodland; mixed	No	0.025	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥)	0.10	
4	Urban	Vegetated garden	No	0.027	Low	2	Condition Assessment N/A	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.05	
5														
				Total habitat area	0.36									0.45
				Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	0.36									

M² to hectares conversion tool:

Hectares

0.0326

Hectares

0.0326

M²

326

Bespoke compensation agreed for losses of YHDIH or irreplaceable habitat						Comments		
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.159		0.00	0.00	0.00	0.00	Hard standing and buildings		Not Applicable
0.138	0.01	0.28	0.02	0.00	0.00	Grass track on south boundary, extension of offsite grass verge alongside west boundary hedgerow		TN2
0.025		0.10	0.00	0.00	0.00	Semimature plantation, heavily disturbed and split into distinct stands		TN3
0.027		0.05	0.00	0.00	0.00	Area use dfor gardening and training		TN4
0.35	0.01	0.43	0.02	0.00	0.00			

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)

0.00

Area habitat summary	
Total Net Unit Change	0.0%
Total Net % Change	11.16%
Trading Rules Satisfied	Yes ✓

Return to start

◆ This tool is intended to be used for historic data. Any suggested translation between a phase 1 habitat and metric habitat should not be considered a rule - there may be circumstances where a more appropriate metric habitat may be chosen when ecological expertise is applied.

Phase 1 Habitat	Metric habitat	Distinctiveness hand
Woodland	Woodland and forest - Other woodland; mixed	Medium
Broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Semi-natural broadleaved woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Semi-natural coniferous woodland	Woodland and forest - Native pine woodlands	High
Plantation coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Semi-natural mixed woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Scrub	Heathland and shrub - Mixed scrub	Medium
Dense / continuous scrub	Heathland and shrub - Mixed scrub	Medium
Scattered scrub	Heathland and shrub - Mixed scrub	Medium
Parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	V.High
Broadleaved parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	V.High
Coniferous parkland / scattered trees	Woodland and forest - Other coniferous woodland	Low
Mixed parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	V.High
Scattered trees	Individual trees - Urban tree	Medium
Scattered trees	Individual trees - Rural tree	Medium
Recently-felled woodland	Woodland and forest - Felled	High
Broadleaved recently felled woodland	Woodland and forest - Felled	High
Coniferous recently felled woodland	Woodland and forest - Felled	High
Mixed recently felled woodland	Woodland and forest - Felled	High
Acid grassland	Grassland - Other lowland acid grassland	Medium
Acid grassland	Grassland - Upland acid grassland	Medium
Unimproved acid grassland	Grassland - Lowland dry acid grassland	V.High
Unimproved acid grassland	Grassland - Upland hay meadows	V.High
Semi-improved acid grassland (Good quality)	Grassland - Upland acid grassland	Medium
Semi-improved acid grassland (Good quality)	Grassland - Other lowland acid grassland	Medium
Semi-improved acid grassland (Poor quality)	Grassland - Modified grassland	Low
Neutral grassland	Grassland - Lowland meadows	V.High
Unimproved neutral grassland	Grassland - Other neutral grassland	Medium
Semi-improved neutral grassland (Good quality)	Grassland - Other neutral grassland	Medium
Semi-improved neutral grassland (Poor quality)	Grassland - Modified grassland	Low
Calcareous grassland	Grassland - Upland calcareous grassland	High
Calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Lowland calcareous grassland	High
Semi-improved calcareous grassland (Poor quality)	Grassland - Modified grassland	Low
Improved grassland	Grassland - Modified grassland	Low
Marsh/marshy grassland	Wetland - Purple moor grass and rush pastures	V.High
Marsh/marshy grassland	Grassland - Other neutral grassland	Medium
Marsh/marshy grassland	Grassland - Modified grassland	Low
Poor semi-improved grassland	Grassland - Modified grassland	Low
Seacliffe vegetation coastalland	Sparsely vegetated land - Coastal vegetated shingle	High
Sand dune	Sparsely vegetated land - Coastal sand dunes	High
Dune slack sand dune coastalland	Sparsely vegetated land - Coastal sand dunes	High
Dune grassland sand dune coastalland	Sparsely vegetated land - Coastal sand dunes	High
Dune heath sand dune coastalland	Sparsely vegetated land - Coastal sand dunes	High
Dune scrub sand dune coastalland	Sparsely vegetated land - Coastal sand dunes	High
Open dune sand dune coastalland	Sparsely vegetated land - Coastal sand dunes	High
Maritime cliff coastalland	Sparsely vegetated land - Maritime cliff and slopes	High
Heath maritime cliff coastalland	Sparsely vegetated land - Maritime cliff and slopes	High
Soft maritime cliff	Sparsely vegetated land - Maritime cliff and slopes	High
Creeksedge vegetation	Sparsely vegetated land - Maritime cliff and slopes	High
Creeksedge vegetation	Grassland - Tall herb communities	High
Coastal grassland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal grassland	Grassland - Lowland meadows	V.High
Coastal grassland	Grassland - Lowland dry acid grassland	V.High
Coastal grassland	Grassland - Other lowland acid grassland	Medium
Coastal heathland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal heathland	Heathland and shrub - Lowland heathland	High
Standing open water	Lakes - Aquifer fed naturally fluctuating water bodies	V.High
Standing open water	Ditches	Medium
Standing open water	Lakes - High alkalinity lakes	High
Standing open water	Lakes - Low alkalinity lakes	High
Standing open water	Lakes - Marl lakes	High
Standing open water	Lakes - Moderate alkalinity lakes	High
Standing open water	Lakes - Peat Lakes	High
Standing open water	Lakes - Ponds (priority habitat)	High
Standing open water	Lakes - Ponds (non-priority habitat)	Medium
Standing open water	Lakes - Reservoirs	Medium
Standing open water	Lakes - Temporary lakes, ponds and pools	High
Dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Wet dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Wet dwarf shrub heath	Heathland and shrub - Upland heathland	High
Lichen / bryophyte heath	Heathland and shrub - Lowland heathland	High
Lichen / bryophyte heath	Heathland and shrub - Upland heathland	High
Mountain heath / dwarf herb	Heathland and shrub - Mountain heaths and willow scrub	V.High
Dry heath / acidic grass mosaic	Heathland and shrub - Lowland heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Lowland heathland	High
Dry heath / acidic grass mosaic	Heathland and shrub - Upland heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Upland heathland	High
Bracken	Grassland - Bracken	Low
Continuous bracken	Grassland - Bracken	Low
Scattered bracken	Grassland - Bracken	Low
Other tall herb or fern (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Other tall herb or fern	Grassland - Bracken	Low
Tall ruderal	Sparsely vegetated land - Ruderal/ephemeral	Low
Tall ruderal	Sparsely vegetated land - Tall forbs	Low
Non-ruderal	Sparsely vegetated land - Ruderal/ephemeral	Low
Bog	Wetland - Lowland raised bog	V.High
Sphagnum bog	Wetland - Lowland raised bog	V.High
Blanket bog	Wetland - Blanket bog	V.High
Raised bog	Wetland - Lowland raised bog	V.High
Wet modified bog	Wetland - Transition mires and quaking bogs (H7140)	V.High
Dry modified bog	Wetland - Blanket bog	V.High
Dry modified bog	Wetland - Lowland raised bog	V.High
Flash and spring	Wetland - Fens (upland and lowland)	V.High
Acid-neutral flush	Wetland - Fens (upland and lowland)	V.High
Basic flush	Wetland - Fens (upland and lowland)	V.High
Bryophyte-dominated spring	Wetland - Fens (upland and lowland)	V.High
Fen	Wetland - Fens (upland and lowland)	V.High
Valley mire	Wetland - Oceanic valley mire(1) (D2.1)	V.High
Basin mire	Wetland - Oceanic valley mire(1) (D2.1)	V.High
Phosphorus mire	Wetland - Oceanic valley mire(1) (D2.1)	V.High
Bare peat	Wetland - Depressions on peat substrates (H71.50)	V.High
Swamp	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Reedsbeds	High
Marginal vegetation	Use the feature that it is within, i.e. River, Lake type etc.	
Inundation vegetation	Wetland - Reedsbeds	High
Natural rock exposures and caves (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Natural rock exposures and caves	Sparsely vegetated land - Other inland rock and scree	Medium
Inland cliff (High quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Inland cliff	Sparsely vegetated land - Other inland rock and scree	Medium
Acidic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Acidic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Limestone pavement	Sparsely vegetated land - Limestone pavement	V.High
Other natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other acidic natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other basic rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Quarry	Urban - Active sand pit quarry or open cast mine	Low
Spill heap	Urban - Active and pit quarry or open cast mine	Low
Mine	Urban - Active and pit quarry or open cast mine	Low
Refuse tip	Urban - Active sand pit quarry or open cast mine	Low
Cultivated/disturbed ground	Cropland - Cereal crops	Low
Asble	Select most appropriate habitat within the 'Cropland' broad habitat type	
Arable grassland	Grassland - Modified grassland	Low
Ephermeral / short perennial	Sparsely vegetated land - Ruderal/ephemeral	Low
Introduced shrub	Urban - Introduced shrub	Low
Tree	Urban - Built linear features	V.Low
Wall	Urban - Built linear features	V.Low
Build-up area	Urban - Developed land; sealed surface	V.Low
Car-park	Urban - Developed land; sealed surface	V.Low
Sea wall (artificial material)	Urban - Developed land; sealed surface	V.Low
Buildings	Urban - Developed land; sealed surface	V.Low
Barren ground	Urban - Vacant or derelict land	Low
Tree ground	Urban - Bare ground	Low

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

Main menu