

The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:			
Project name:	Land at New Pound Farm, Old Hale Way, Ickleford, Hertfordshire SG8 1XT		
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Dr Clifford Stuckey		
Date of metric completion:	Monday, 8 July 2024		
Reviewer:			
Calculation iteration:	1		
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):	0.31	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

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

Main menu

Results

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

Land at New Pound Farm, Old Hale Way, Ickleford

Headline Results

Scroll down for final results

Return to

On-site baseline

Habitat units	2.37
Hedgerow units	0.57
Watercourse units	0.00

On-site post-intervention

(Including habitat retention, creation & enhancement)

Habitat units	1.98
Hedgerow units	0.74
Watercourse units	0.00

On-site net change

(units & percentage)

Habitat units	-0.39
Hedgerow units	0.17
Watercourse units	0.00

-16.49%

On-site net gain is less than target set

30.27%

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
Hedgerow units	0.00
Watercourse units	0.00

0.00%

0.00%

0.00%

Combined net unit change

(Including all on-site & off-site habitat retention, creation & enhancement)

Habitat units	-0.39
Hedgerow units	0.17
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	-0.39
Hedgerow units	0.17
Watercourse units	0.00

Total net % change

(Including all on-site & off-site habitat retention, creation & enhancement)

Habitat units	-16.49%
Hedgerow units	30.27%
Watercourse units	0.00%

Total net gain achieved is less than target set

Trading rules satisfied?

No - Check Trading Summaries

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	2.37	2.60	0.63
Hedgerow units	10.00%	0.57	0.62	0.00
Watercourse units	10.00%	0.00	0.00	0.00

No additional hedgerow units required to meet target

No additional watercourse units required to meet target

Input errors/rule breaks present in metric

Return to results menu

Trading summary hedgerows

Trading summary water courses

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required - bespoke compensation option 4	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same broad habitat as a better distinctiveness habitat required =	No ▲
Low	Same distinctiveness or better habitat required =	Yes ✓

Very High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Unit losses
Grassland - Lowland dry acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Lowland meadows	Grassland	0.00	0.00	0.00	
Grassland - Upland hay meadows	Grassland	0.00	0.00	0.00	
Heathland and shrub - Mountain heaths and willow scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Aquifer fed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Calaminarian grasslands	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Limestone pavement	Sparsely vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog	Wetland	0.00	0.00	0.00	
Wetland - Depressions on peat substrates (B71B9)	Wetland	0.00	0.00	0.00	
Wetland - Fens (upland and lowland)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Oceanic valley mire (J D6.1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor grass and rush pastures	Wetland	0.00	0.00	0.00	
Wetland - Transition mires and quaking bogs (B1140)	Wetland	0.00	0.00	0.00	
Woodland and forest - Wood-pasture and parkland	Woodland and forest	0.00	0.00	0.00	
Rocky shore - High energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral seagrass on peat, clay or chalk	Intertidal sediment	0.00	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	Group	On-site unit change	Off-site unit change	Project-wide unit change	Losses not yet accounted for
Grassland - Traditional orchards	Grassland	0.00	0.00	0.00	
Grassland - Floodplain wetland mosaic and CPOM	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (B6430)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland Heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Dunes with sea buckthorn (B61B6)	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Upland heathland	Heathland and shrub	0.00	0.00	0.00	
Lakes - High alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Low alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Mel lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Ponds (priority habitat)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and pools (B3110)	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal calcareous grassland	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Inland rock outcrop and scree habitats	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Open mosaic habitats on previously developed land	Urban	0.00	0.00	0.00	
Wetland - Reedbeds	Wetland	0.00	0.00	0.00	
Woodland and forest - Felled/Replacement for felled woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland beech and yew woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Naive pine woodlands	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland birchwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed subwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland oakwood	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodland	Woodland and forest	0.00	0.00	0.00	
Coastal lagoon - Coastal lagoon	Coastal lagoon	0.00	0.00	0.00	
Rocky shore - High energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral mud	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Coastal saltmarsh - Saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Littoral inorganic reeds - Mesohaline	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral inorganic reeds - Suboceanic	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Features of littoral sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral muddy sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral seagrass	Intertidal sediment	0.00	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	Group	On-site unit change	Off-site unit change	Project wide unit change	Cumulative broad habitat change
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins pollen and nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Grassland - Other lowland sward grassland	Grassland	0.00	0.00	0.00	
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	-0.00
Heathland and shrub - Blackthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Bracken scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	0.00
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Bush scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Moist scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Ponds (non-priority habitat)	Lakes	0.00	0.00	0.00	0.00
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Other inland rock and scree	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Deciduous mixed green roof	Urban	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	
Individual trees - Urban tree	Individual trees	0.00	0.00	0.00	0.00
Individual trees - Rural tree	Individual trees	0.00	0.00	0.00	
Woodland and forest - Other Scots pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland, broadleaved	Woodland and forest	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland, mixed	Woodland and forest	0.00	0.00	0.00	
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral fine sand	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (GGI)	Intertidal hard structures	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
Medium Distinctiveness Broad Habitat losses to be offset by trading up	-0.00
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-0.00
Cumulative surplus of units	-0.00

Low Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change	
Cropland - Cereal crops	Cropland	0.00	0.00	0.00	
Cropland - Horticulture	Cropland	0.00	0.00	0.00	
Cropland - Intensive orchards	Cropland	0.00	0.00	0.00	
Cropland - Non-cereal crops	Cropland	0.00	0.00	0.00	
Cropland - Temporary grass and clover leys	Cropland	0.00	0.00	0.00	
Cropland - Winter stubble	Cropland	0.00	0.00	0.00	
Grassland - Improved grassland	Grassland	0.11	0.00	0.11	
Grassland - Bracken	Grassland	0.00	0.00	0.00	
Heathland and shrub - Brookside/river scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Ornamental lake or pond	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Ruderal/ephemeral	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Tall forbs	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Allotment	Urban	0.00	0.00	0.00	
Urban - Bare ground	Urban	0.00	0.00	0.00	
Urban - Allotment	Urban	0.00	0.00	0.00	
Urban - Fescue-Sward green wall	Urban	0.00	0.00	0.00	
Urban - Ground based green wall	Urban	0.00	0.00	0.00	
Urban - Ground level planter	Urban	0.00	0.00	0.00	
Urban - Other green roof	Urban	0.00	0.00	0.00	
Urban - Intensive green roof	Urban	0.00	0.00	0.00	
Urban - Introduced shrub	Urban	0.00	0.00	0.00	
Urban - Rain garden	Urban	0.00	0.00	0.00	
Urban - Actively worked sand pit/quarry or open cast mine	Urban	0.00	0.00	0.00	
Urban - Sustainable drainage system	Urban	0.00	0.00	0.00	
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00	
Urban - Vegetated garden	Urban	0.00	0.00	0.00	
Woodland and forest - Other coniferous woodland	Woodland and forest	0.00	0.00	0.00	
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral mud	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral muddy sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral seagrass	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Artificial littoral bare rock	Intertidal sediment	0.00	0.00	0.00	
Intertidal hard structures - Artificial hard structures	Intertidal hard structures	0.00	0.00	0.00	
Intertidal hard structures - Artificial features of hard structures	Intertidal hard structures	0.00	0.00	0.00	
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	0.11	0.00	0.11	

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.11
Cumulative surplus of units	0.11

Project Name: Land at New Found Farm, Old Hale Way, Ickleford, Hertfordshire SG2

R-1 On-Site Habitat Baseline

Condense / Show Columns

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Condense / Show Rows

Area habitat summary	
Total Net Unit Change	2.35
Total Net % Change	-0.00%
Trading Status Identified	No - check trading summative ▲

Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	
Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Scores	Condition	Scores	Strategic significance	Strategic significance multiplier	Strategic significance multiplier			
1	Urban	Artificial unvegetated, sealed surface	No	0.017	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	Other neutral grassland	No	0.296	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Grassland habitat or a higher distinctiveness habitat required (2)	2.37
3													
4													
5													
6													
7													
Total habitat area				0.313									2.37
Net Area (Excluding areas of individual trees, green walls, structural hard structures)				0.296									

						Degree of compensation agreed to: Areas of VEDH 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
		0.00	0.00	0.03	0.00				
0.189	0.00	1.27	0.14	1.10					
0.00	0.03	0.00	1.27	0.13	1.00				

Total area lost (including area of individual trees, green walls and structural hard structures)

0.15

30° to hectares conversion tool:

Select a unit: Hectares 30°

Site Land at New Pound Farm, Old Hale Way, Ickleford, Hertfordshire SG5 1XT Map

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

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Area habitat summary

Total Net Unit Change

-0.39

Total Net % Change

-15.4%

Travelling Value Generated

No - check Net % Summary A

Area Check

Area Acceptable ✓

Pre Implementation Habitat

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Complexity		Strategic significance		Standard time to target condition (years)	Habitat created in advance (years)	Delay in creating habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target condition (years)	Difficulty multiplier				Habitat units delivered	Comments		
				Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance							Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied		User comments	Planning authority comments	Habitat reference number
1	Urban	Artificial unvegetated, unsealed surface	0.021	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0		Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
2	Urban	Artificial unvegetated, unsealed surface	0.088	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0		Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00			
3	Grassland	Modified grassland	0.068	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1		Standard time to target condition applied	1	0.988	Low	Standard difficulty applied	Low	1	0.11			
4	Grassland	Other neutral grassland	0.003	Medium	4	Medium	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0		Standard time to target condition applied	0	0.827	Low	Standard difficulty applied	Low	1	0.15			
5																							
6																							
7																							
8																							
9																							
Total habitat area			0.15																				
																				Total Units	0.16		

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)

0.15

90% to business conversion tool:

Actual Area

0.14

90%

od at New Pound Farm, Old Hale Way, Ickleford, Hertfordshire SG5 1XT

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

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Hedgerow summary

Total Net Unit Change

0.13

Total Net % Change

30.23%

Trading Rules Satisfied

Yes ✓

Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance					Required Action to Meet Trading Rules	Ecological baseline Total hedgerow units
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance		Strategic significance	Strategic significance multiplier		
1	A	Native hedgerow	0.033	Low	2	Good	3	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	1	Same distinctiveness band or better	0.20
2	B	Native hedgerow	0.092	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy		Low Strategic Significance	1	Same distinctiveness band or better	0.37
3													
4													
5													
6													
7													
			0.13										0.57

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.033		0.20	0.00	0.00	0.00			
	0.092	0.00	0.37	0.00	0.00			
0.03	0.09	0.20	0.37	0.00	0.00			

E-3 On-Site Hedge Enhancement

Hedgeview summary	
Total Net Sell Change	0.12
Total Net % Change	20.23%
Current Net Sell	0.59

[illegible]