

The Statutory Biodiversity Metric
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Project details			
Planning authority:	North Hertfordshire Council		
Project name:	Fen Farm		
Applicant:	Philip Gomes		
Application type:			
Planning application reference:			
Completed by:	David Stanley		
Date of metric completion:	06 December 2024		
Reviewer:	Ella Walker		
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):	0.11	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 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

Fen Farm

Return to results menu

Headline Results

Scroll down for final results ⚠

On-site baseline

Habitat units

0.33

Hedgerow units

0.00

Watercourse units

0.00

On-site post-intervention

Habitat units

0.41

Hedgerow units

0.00

Watercourse units

0.00

On-site net change

Habitat units

0.08

23.13%

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

Habitat units

0.00

Hedgerow units

0.00

Watercourse units

0.00

Off-site net change

Habitat units

0.00

0.00%

Hedgerow units

0.00

0.00%

Watercourse units

0.00

0.00%

Combined net unit change

Habitat units

0.08

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

Habitat units

0.08

Hedgerow units

0.00

Watercourse units

0.00

Total net % change

Habitat units

23.13%

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%	0.33	0.36	0.00	No additional area habitat units required to meet target ✓
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 ✓

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Trading summary hedgerows

Trading summary watercourses

Trading Summary			
Distinctiveness Group		Trading Rule	Trading Satisfied?
Very High		Same habitat required - hegible compensation option A	Yes ✓
High		Same habitat required +	Yes ✓
Medium		Same broad habitat or 2 higher distinctiveness habitat required 1/2	Yes ✓
Low		Same distinctiveness or better habitat required 2	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 heath and willow scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Artificial fed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - <i>Chamaecrista</i> grasslands	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - <i>Lupinus</i> grassland	Sparsely vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog	Wetland	0.00	0.00	0.00	
Wetland - <i>Deschampsia</i> on peat substrate (H1140)	Wetland	0.00	0.00	0.00	
Wetland - <i>Fest</i> (upland and lowland)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - <i>Carex</i> valley mire (L141)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor grass and rush heath	Wetland	0.00	0.00	0.00	
Wetland - Transition mire and quaking bog (H140)	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 meadows 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; Loss 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 CPTM	Grassland	0.00	0.00	0.00	
Grassland - Lowland submontane grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H430)	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 - Down with sea buckthorn (H2160)	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 - Marl 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 - <i>Potamo</i> (priority habitat)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and ponds (H1170)	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated dune	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Island rock outcrops and access 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 - <i>Fagus</i> woodland or tall woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland broad and pine 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 - Native pine woodland	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 ashwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - <i>Quercus</i> woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Vine woodland	Woodland and forest	0.00	0.00	0.00	
Coastal lagoons - Coastal lagoons	Coastal lagoons	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 sediments - Submerged and saline meadows	Coastal sediments	0.00	0.00	0.00	
Intertidal sediment - Littoral brackish reeds - <i>Phragmites</i>	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reeds - <i>Sabellaria</i>	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - <i>Deschampsia</i> littoral sand	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

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 lavender	Cropland	0.00	0.00	0.00	
Grassland - Other lowland acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Other neutral grassland	Grassland	0.00	0.00	0.00	0.00
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Heathflow 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 - <i>Carex</i> scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - <i>Heathflow</i> 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 - Mixed 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 access	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	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 hedgerows	0.00
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00
Cumulative surplus of units	0.00

Project Name: Fen Farm Map Reference:				Area habitat summary			
A-1 On-Site Habitat Baseline				Total Net Unit Change		0.00	
				Total Net % Change		81.13%	
				Trading Rules Reflected		Yes ✓	
Condense / Show Columns		Condense / Show Rows					
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Existing area habitats					Distinctiveness		Condition		Strategic significance				Ecological baseline		Comments								
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Required Action to Meet Trading Rules	Total habitat units	Area retained	Area enhanced	Residue units retained	Residue units enhanced	Area habitat lost	Units lost	Respoke compensation agreed for losses of TREES or Irreplaceable habitat	User comments	Planning authority comments	Habitat reference number
1	Urban	Developed land, sealed surface	No	0.0016	Very Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00			0.00	0.00	0.00	0.00				
2	Urban	Vegetated garden	No	0.0192	Low	2	Condition	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat retained?	0.04	0.0192		0.04	0.00	0.00	0.00				
3	Individual trees	Rural tree	No	0.0368	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat retained?	0.28	0.0368		0.28	0.00	0.00	0.00				
4																							
5																							
6																							
7																							
8																							
				Total habitat area		0.18							0.33	0.00	0.00	0.33	0.00	0.00	0.00				
				Rise Area (Excluding area of individual trees, green walls, intertidal hard structures)		0.11								Total area lost (excluding area of individual trees, green walls and intertidal hard structures)					0.00				

Project Name: Pen Farm May Reference: A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

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Area habitat summary

Total Net Unit Change0.00

Total Net % Change88.18%

Trading Rules SatisfiedYes ✓

Area CheckArea Acceptable ✓

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Disturbance		Condition		Strategic significance			Post intervention habitat			Temporal multiplier			Difficulty multiplier			Habitat units delivered	Comments				
				Disturbance	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard time to target condition (years)	Habitat created in extension (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				
1	Urban	Developed land: sealed surfaces	0.0018	V Low	0	N/A - Other	0	Area/compensation not in local strategy/not local strategy	Low Strategic Significance	1	0			Standard time to target condition applied	0	0.002	Low	Standard difficulty applied	Low	1	0.00				
2	Urban	Vegetated garden	0.0007	Low	2	Condition Assessment	1	Area/compensation not in local strategy/not local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.005	Low	Standard difficulty applied	Low	1	0.08				
3																									
4																									
5																									
6																									
7																									
Total habitat area			0.08																Total Units			0.08			
Site Area (Shedding area of individual trees, green walls, intertidal hard structures)			0.09																						
NP to hasten conversion tool			Select a tool	Relevance				NP																	