

The Statutory Biodiversity Metric

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Results

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Project details

Planning authority:	38 Heathfield, Royston		
Project name:			
Applicant:			
Application type:			
Planning application reference:			
Completed by:	Nick Payne (AEL)		
Date of metric completion:	12 June 2024		
Reviewer:			
Calculation iteration:	1		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%	No ✓	
Irreplaceable habitat present at baseline:			
Total site area - including irreplaceable habitat area (hectares):	0.14	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

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

On-site baseline map

Insert

On-site post intervention map

Insert

Scroll down for final results 

On-site baseline

<i>Habitat units</i>	0.48
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

On-site post-intervention

(Including habitat retention, creation & enhancement)

<i>Habitat units</i>	0.24
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

On-site net change

(units & percentage)

<i>Habitat units</i>	-0.24	-49.92%
<i>Hedgerow units</i>	0.00	0.00%
<i>Watercourse units</i>	0.00	0.00%

Un-site net gain is less than target set 

Off-site baseline

<i>Habitat units</i>	0.00
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

Off-site post-intervention

(Including habitat retention, creation & enhancement)

<i>Habitat units</i>	0.00
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

Off-site net change

(units & percentage)

<i>Habitat units</i>	0.00	0.00%
<i>Hedgerow units</i>	0.00	0.00%
<i>Watercourse units</i>	0.00	0.00%

Combined net unit change

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

<i>Habitat units</i>	-0.24
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

Spatial risk multiplier (SRM) deductions

<i>Habitat units</i>	0.00
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

FINAL RESULTS			
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-0.24	No - Check Trading Summaries ▲
	Hedgerow units	0.00	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-49.92%	
	Hedgerow units	0.00%	
	Watercourse units	0.00%	
Trading rules satisfied?			

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
<i>Habitat units</i>	10.00%	0.48	0.53	0.29
<i>Hedgerow units</i>	10.00%	0.00	0.00	0.00
<i>Watercourse units</i>	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 ▲

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	0.00
Cropland - Arable field margins game bird mix	Cropland	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 acid grassland	Grassland	0.00	0.00	0.00	0.00
Grassland - Other neutral grassland	Grassland	0.00	0.00	0.00	
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Blackthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Bramble scrub	Heathland and shrub	0.00	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	
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hazel scrub	Heathland and shrub	0.00	0.00	0.00	0.00
Heathland and shrub - Mixed scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Ponds (non-priority habitats)	Lakes	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 - Cemeteries and churchyards	Urban	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	
Individual trees - Urban trees	Individual trees	-0.22	0.00	-0.22	
Individual trees - Rural trees	Individual trees	0.00	0.00	0.00	
Woodland and forest - Other Scott's pine woodland	Woodland and forest	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland broadleaved	Woodland and forest	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 sand	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI)	Intertidal hard structures	0.00	0.00	0.00	
		-0.22	0.00	-0.22	

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	-0.22
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-0.22
Cumulative surplus of units	-0.22

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 - Modified grassland	Grassland	-0.13	0.00	-0.13
Grassland - Bracken	Grassland	0.00	0.00	0.00
Heathland and shrub - Brodiaeoides 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/epibenthal	Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land - Tall forbs	Sparsely vegetated land	0.00	0.00	0.00
Urban - Biomats	Urban	0.00	0.00	0.00
Urban - Bare ground	Urban	-0.01	0.00	-0.01
Urban - Aliments	Urban	0.00	0.00	0.00
Urban - Facade-bound green wall	Urban	0.00	0.00	0.00
Urban - Ground based green wall	Urban	0.00	0.00	0.00
Urban - Ground level planters	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	0.12	0.00	0.12
Woodland and forest - Other coniferous woodland	Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh - Artificial saltmarshes and saline reed-beds	Coastal saltmarsh	0.00	0.00	0.00
Inertial sediment - Artificial littoral coarse sediment	Inertial sediment	0.00	0.00	0.00
Inertial sediment - Artificial littoral mud	Inertial sediment	0.00	0.00	0.00
Inertial sediment - Artificial littoral sand	Inertial sediment	0.00	0.00	0.00
Inertial sediment - Artificial littoral muddy sand	Inertial sediment	0.00	0.00	0.00
Inertial sediment - Artificial littoral mixed sediments	Inertial sediment	0.00	0.00	0.00
Inertial sediment - Artificial littoral seagrass	Inertial sediment	0.00	0.00	0.00
Inertial sediment - Artificial littoral biogenic reefs	Inertial sediment	0.00	0.00	0.00
Inertial hard structures - Artificial hard structures	Inertial hard structures	0.00	0.00	0.00
Inertial hard structures - Artificial features of hard structures	Inertial hard structures	0.00	0.00	0.00
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	0.00	0.00	0.00
		-0.02	0.00	-0.02

Low Distinctiveness Summary		
Low Distinctiveness net change in units	-0.02	A
Cumulative surplus of units	-0.02	A

Project Name: 38 Heathfield, Royston

Map Reference: A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary

Total Net Loss Change0.24

Total Net % Change-43.32%

Trading Rules SatisfiedNo - check trading summaries

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	Condition	Strategic significance	Required Action to Meet Trading Rules	Total habitat units
1	Grassland	Modified grassland	No	0.089	Low	Poor	Area / compensation not in local strategy / no local strategy	Same distinctiveness or better habitat required ≥:	0.18
2	Urban	Developed land, sealed surface	No	0.035	V Low	N/A - Other	Area / compensation not in local strategy / no local strategy	Compensation Not Required	0.00
3	Urban	Bare ground	No	0.007	Low	Poor	Area / compensation not in local strategy / no local strategy	Same distinctiveness or better habitat required ≥:	0.01
4	Urban	Vegetated garden	No	0.002	Low	Condition Assessment N/A	Area / compensation not in local strategy / no local strategy	Same distinctiveness or better habitat required ≥:	0.00
5	Urban	Introduced shrub	No	0.009	Low	Condition Assessment N/A	Area / compensation not in local strategy / no local strategy	Same distinctiveness or better habitat required ≥:	0.00
6	Individual trees	Urban tree	No	0.033	Medium	Moderate	Area / compensation not in local strategy / no local strategy	Same broad habitat or a higher distinctiveness habitat required	0.26
7									
8									
9									
10									
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)				0.18					
Total habitat area				0.14					
Total area lost (excluding area of individual trees, green walls, intertidal hard structures)				0.13					

M* to hectares conversion tool:

Select a unit

Hectares

M*

Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	Comments	
	User comments	Habitat reference number
	Planning authority comments	
	2 medium trees, small trees not included due to their location in a private garden	

Project Name: 38 Heathfield, Royston Map Reference: A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-0.24
Total Net % Change	-49.99%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

Post intervention habitats											
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance		Temporal multiplier		Difficulty	
				Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation	Habitat units delivered	
1	Urban	Developed land, sealed surface	0.055	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	
2	Urban	Vegetated garden	0.066	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.13	
3	Grassland	Modified grassland	0.002	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	4	Low	0.01	
4	Individual trees	Urban tree	0.016	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	27	Low	0.05	
5	Grassland	Modified grassland	0.011	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	4	Low	0.04	
6											
7											
8											
9											
Total habitat area			0.15								0.22
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)			0.13								
M² to hectares conversion tool:				Select a unit:	Hectares	M²					