

The Statutory Biodiversity Metric

Aud

Version 1.0.3

Open Tool

Calculation Tool



The Statutory Biodiversity Metric

Start page

Project details			
Planning authority:			
Project name:			
Applicant:			
Application type:			
Planning application reference:			
Completed by:	JM BSc MCIEEM (FISC 4 level botonist)		
Date of metric completion:	22.01.2025		
Reviewer:	AM MSc BA MCIEEM		
Calculation iteration:	V5		
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):	0.09	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		

On-site baseline map	Insert
On-site baseline map reference number	
Off-site baseline map	Insert
Off-site baseline map reference number	

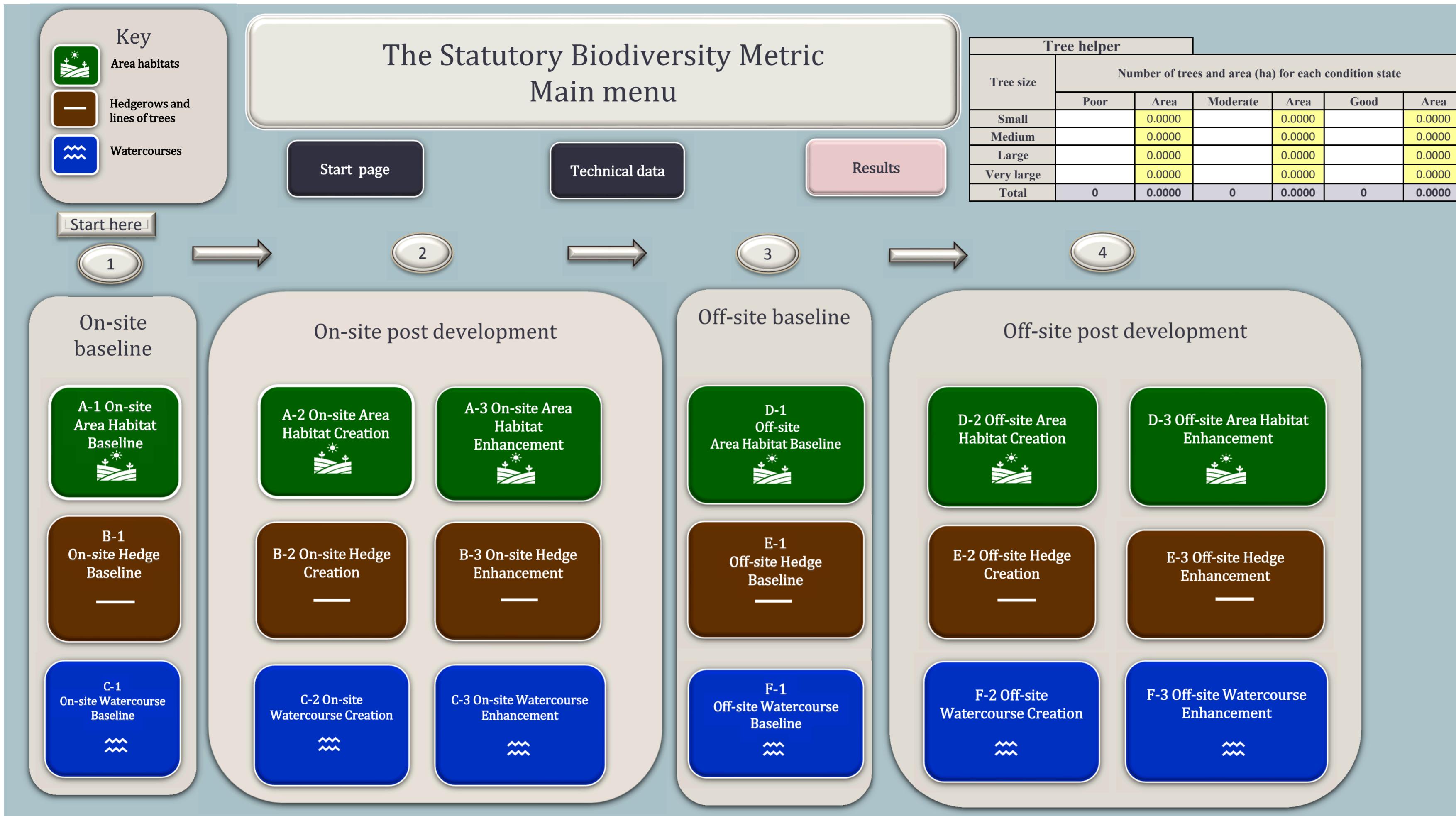
On-site post intervention map	Insert
On-site post-intervention map reference number	
Off-site post intervention map	Insert
Off-site post-intervention reference number	

Main menu

Results

View all

Reset view



The Statutory Biodiversity Metric Results

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habitats summary](#)

[Unit shortfall
summary](#)

Headline Results

Scroll down for final results □

[Return to results menu](#)**On-site baseline**

Habitat units	0.30
Hedgerow units	0.05
Watercourse units	0.00

On-site post-intervention

(Including habitat retention, creation & enhancement)

Habitat units	0.07
Hedgerow units	0.00
Watercourse units	0.00

On-site net change

(units & percentage)

Habitat units	-0.23	-75.51%
Hedgerow units	-0.05	-100.00%
Watercourse units	0.00	0.00%

On-site net gain is less than target set □

On-site net gain is less than target set □

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	-0.23
Hedgerow units	-0.05
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	-0.23
Hedgerow units	-0.05
Watercourse units	0.00

Total net % change

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

Habitat units	-75.51%
Hedgerow units	-100.00%
Watercourse units	0.00%

Total net gain achieved is less than target set ▲

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%	0.30	0.33	0.26
Hedgerow units	10.00%	0.05	0.06	0.06
Watercourse units	10.00%	0.00	0.00	0.00

No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

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Trading Summary			
Distinctiveness Group	Trading Rule	Trading Satisfied?	
Very High	Same habitat required - bespoke compensation option	Yes ✓	
High	Same habitat required =	Yes ✓	
Medium	Same broad habitat or a lighter habitat/more habitat required (✓)	No ▲	
Low	Same distinctiveness or better habitat required ≥	Yes ✓	

Trading
summary
hedges

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 - Heathland and gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Aquifer fed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Lakes - Sparse vegetated land - Calaminaria grasslands	Sparingly vegetated land	0.00	0.00	0.00	
Sparingly vegetated land - Coastal vegetated shingle	Sparingly vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog	Wetland	0.00	0.00	0.00	
Wetland - Depressions on peat substrates (HT150)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Oceanic valley mire (D2.1)	Wetland	0.00	0.00	0.00	
Wetland - Peatland - Shallow water bodies	Wetland	0.00	0.00	0.00	
Wetland - Transition mires and quaking bogs (HT140)	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 - 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 - Shallow water bodies	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 CFCM	Grassland	0.00	0.00	0.00	
Grassland - High alkalinity lakes	Lakes	0.00	0.00	0.00	
Grassland - Tall herb communities (H6430)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Heathland and gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Dunes with sea buckthorn (HT260)	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 - Mire lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Neutral lakes	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes/ponds (HT170)	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated shingle	Sparingly vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Island rock outcrop and scrub habitats	Sparingly vegetated land	0.00	0.00	0.00	
Urban - Open mosaic habitats on scrubby land	Urban	0.00	0.00	0.00	
Wetland - Reefs/beds	Wetland	0.00	0.00	0.00	
Woodland and forest - Coastal woodlands 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 - Upland broadleaved woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland broadleaved woods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed deciduous	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet 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 mixed sediments	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 mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral boggy reefs - Sabellaria	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 mudflats	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 sites	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	
Cropland - Intensive orchards	Cropland	0.00	0.00	0.00	
Cropland - Non-cereal crops	Cropland	0.00	0.00	0.00	
Cropland - Other arable crops	Cropland	0.00	0.00	0.00	
Cropland - Upland acid grassland	Grassland	-0.26	0.00	-0.26	-0.26
Heathland and shrub - Heathland and 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 - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hazel 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 - Freshwater lakes	Lakes	0.00	0.00	0.00	
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Other inland rock and scree	Sparingly vegetated land	0.00	0.00	0.00	
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	
Urban - Individual trees - Urban trees	Urban	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 - Artificial hard structures	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	-0.26	0.00	-0.26	

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Medium Distinctiveness Broad Habitat losses to be offset by	-0.26
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-0.26
Cumulative surplus of units	-0.52

Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change

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Trading
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habitats

Trading
summary
watercourses

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness or better habitat required	No ▲

Very High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	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	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness losses to be offset by trading up	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00

Medium Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00

Medium Distinctiveness Summary

Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Very Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	-0.05	0.00	-0.05 □
	-0.05	0.00	-0.05

Very Low Distinctiveness Summary

Very Low Distinctiveness net change in units	-0.05 □
Cumulative availability of units	-0.05 ▲

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Trading
summary area
habitats

Trading
summary
hedgerows

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option <input type="checkbox"/>	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same habitat required =	Yes ✓
Low	Better distinctiveness habitat required	Yes ✓

Very High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	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	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	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	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.00	0.00	0.00
Canals	0.00	0.00	0.00

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Project Name: Map Reference:		Area habitat summary											
A-1 On-Site Habitat Baseline		Area habitat summary											
Condense / Show Columns		Condense / Show Rows		Total Net & Change		Net - Black tracking resources		Total area lost					
Main Menu													
Existing area habitat		Habitat description		Condition		Strategic significance		Required Action in Most Trending		Ecological baseline			
Ref	Breed habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Indicators	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance		
1	Ground	Modified ground	No	0.0208	Low	2	Poor	1	Accommodation in local strategy	Low Strategic Significance	1	Same difference in local habitat required 2	0.04
2	Ground	Other natural ground	No	0.0034	Medium	3	Poor	1	Accommodation in local strategy	Low Strategic Significance	1	Same local habitat as English dormouse habitat required 2	0.06
3	Urban	Developed land - natural surface	No	0.0049	VLow	1	Not in QD	0	Accommodation in local strategy	Low Strategic Significance	1	Complementary not Required	0.00
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