

The Biodiversity Metric Start

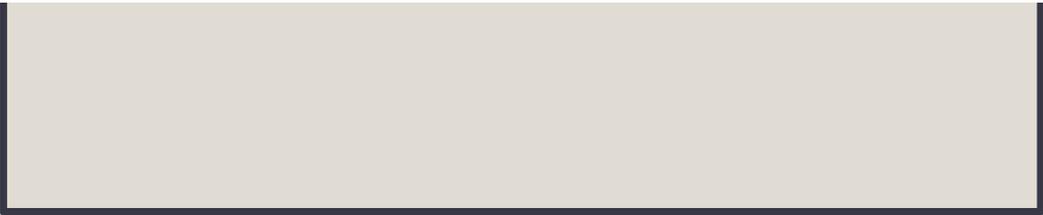
Project details

Planning authority:	
Project name:	
Applicant:	Acumen
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	
Metric version:	
Assessment date:	
Planning authority reviewer:	

Cell style conventions

On-site baseline map

Insert



Off-site baseline map



Insert

ic 3.0 - Calculation Tool

t page

Kirklees Council
Prickleden Mills
n Deisgners and Architects
Full
Tom Hough
3
08/12/2021

Enter data
Automatic lookup
Result

Instructions

Main menu

Results

View all

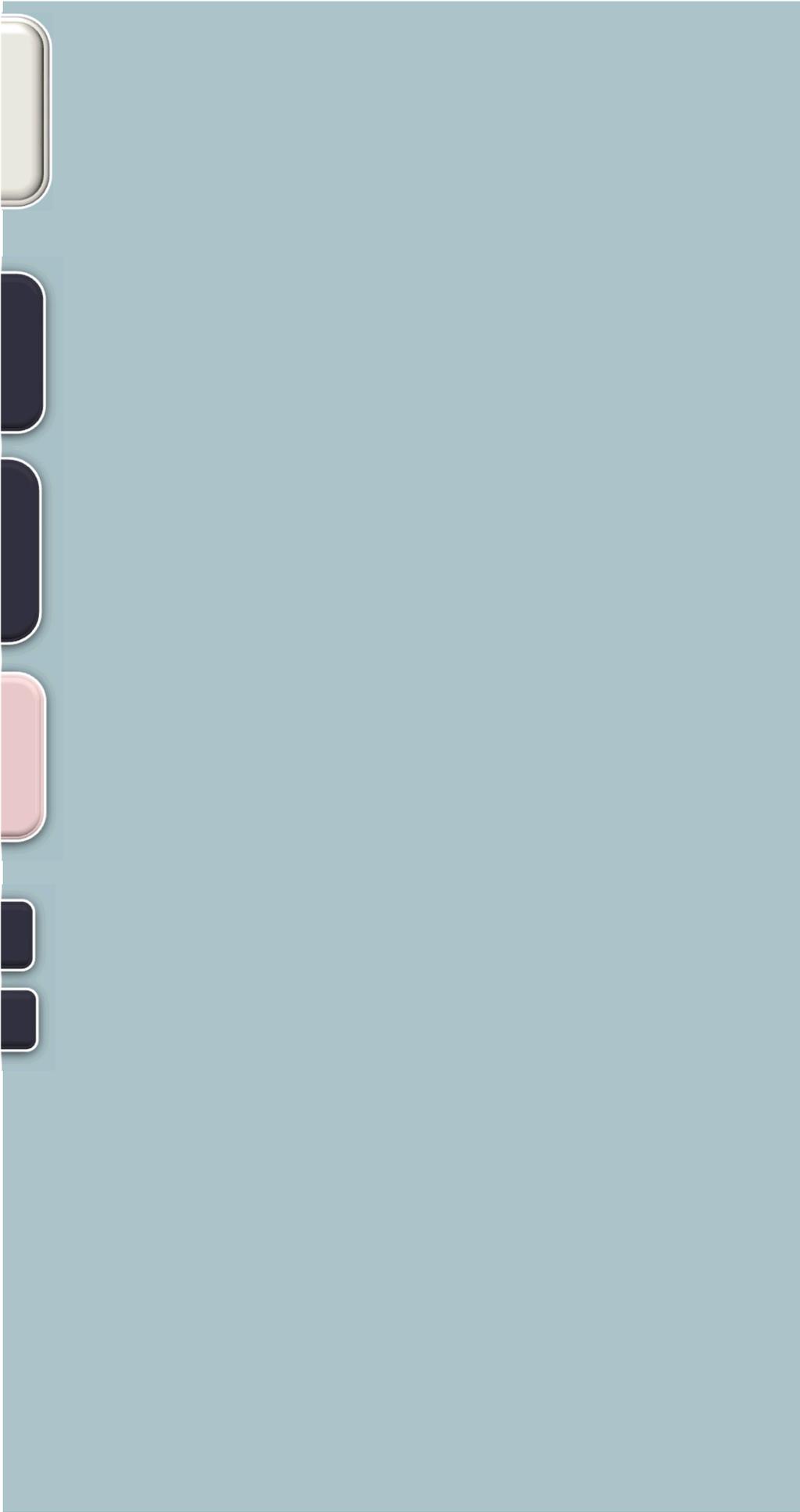
Reset view

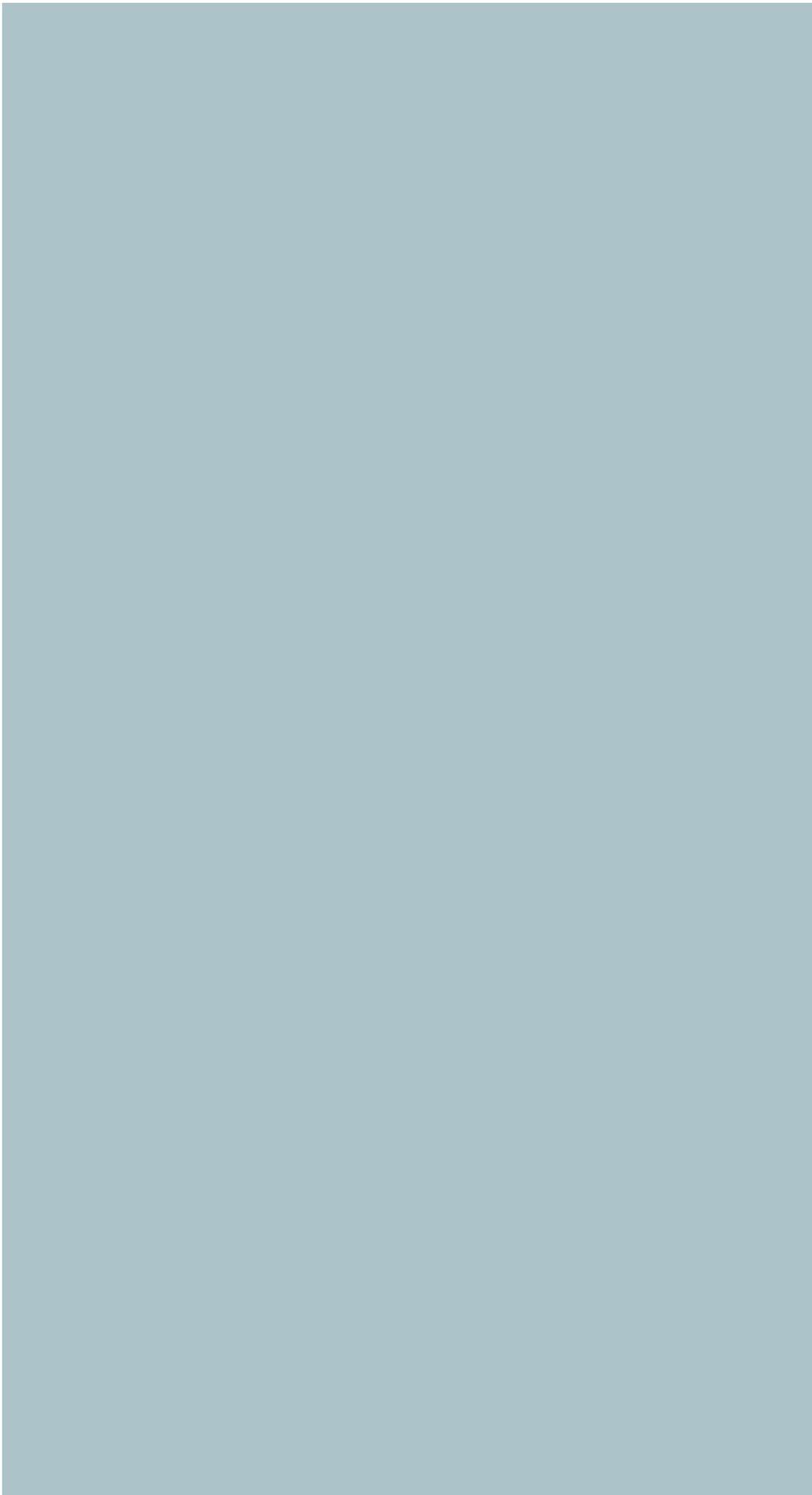
On-site post intervention map

Insert

Off-site post intervention map

Insert





The Biodiversity Metric 3.0 - Instructions

Double click the front pag

Start page

Main menu

Natural England Joint Publication JP029

The Biodiversity M

Auditing and accounting for

Calculation Short Gui

First published July 2021

www.gov.uk/natural-england



Calculation Tool

Click below to open the file

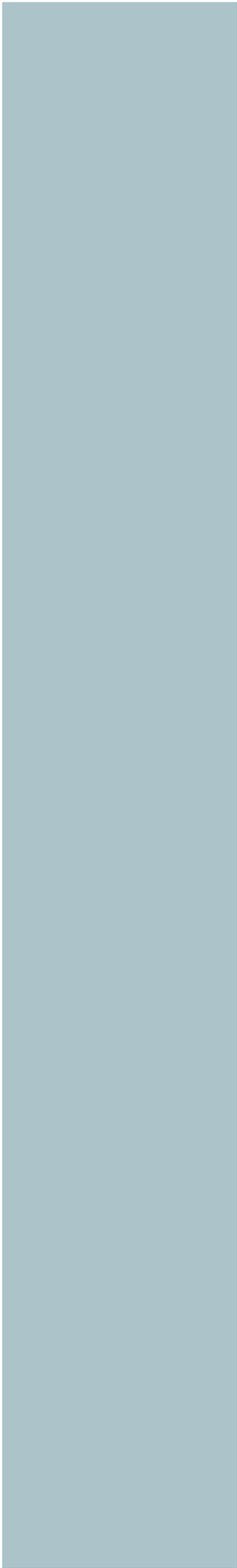
Metric 3.0

biodiversity

Tool:
Guide







The Biodiversity Metric Main

Start page

Instructions

Start here

1



2

On-site baseline

A-1 On-site
habitat
baseline

B-1
On-site hedge
baseline

C-1
On-site river
baseline

On-site post development

A-2 Habitat
creation

B-2 Hedgerow
creation

C-2 River creation

A-3 Habitat
enhancement

B-3 Hedgerow
enhancement

C-3 River
enhancement

Version 3.0 - Calculation Tool

main menu

Unit
Tree size
Small
Medium
Large
Total

Technical data

Results

3

Off-site baseline

D-1
Off-site
habitat baseline

E-1
Off-site hedge
baseline

F-1
Off-site river
baseline

Off-site

D-2 Off-site habi
creation

E-2 Off-site hed
creation

F-2 Off-site river
creation

Urban tree helper

Tree number	Area
	0.0000
20	0.0814
	0.0000
20.00	0.0814

4

Post development

Habitat

D-3 Off-site habitat enhancement

Hedge

E-3 Off-site hedge enhancement

River

F-3 Off-site river enhancement

The Biodiversity Metric 3.0 - Calculators

Start page

[Return to start page](#)

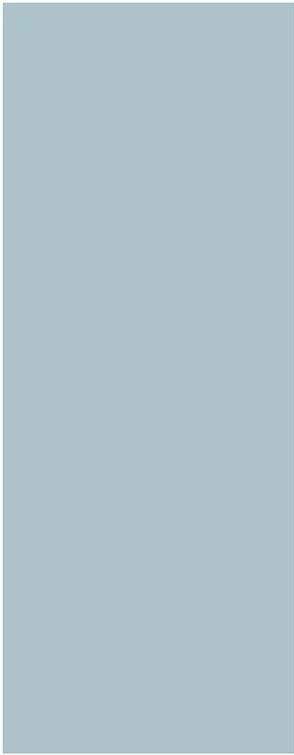
[Headline results](#)

[Detailed results](#)

ulation Tool

ults

Habitat trading
summary



Prickleden Mills

Headline Results

Return to results menu

On-site baseline	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
On-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
On-site net % change (Including habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Off-site baseline	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Off-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>

<p style="text-align: center;">Total net unit change</p> <p style="text-align: center;">(including all on-site & off-site habitat retention, creation & enhancement)</p>	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
<p style="text-align: center;">Total on-site net % change plus off-site surplus</p> <p style="text-align: center;">(including all on-site & off-site habitat retention, creation & enhancement)</p>	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Trading rules Satisfied?	Y

3.12
0.00
5.38

3.70
0.77
5.38

18.61%
100.00%
0.00%

0.00
0.00
0.00

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0.00
0.00

0.58
0.77
0.00
18.61%
100.00%
0.00%
Yes





Two empty rectangular input fields stacked vertically.

Condense / Show C

Main Menu

One empty rectangular input field.

Ref	Broad habitat
1	Urban
2	Lakes
3	Sparsely vegetated land
4	Urban
5	Urban
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Bespoke compensation agreed for unacceptable losses	Comments
	Assessor comments
	Existing hardstanding. Some retained - the current access to the north.
	Existing mill pond. Poor condition - fulfils 4 criteria.
	Existing EPS dominating site. Portion not proposed for development. Poor quality
	Existing trees, Assessed as moderate quality as 4 criteria
	Bare ground

Condense / Show

Main Me

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Broad Habitat

Urban

Grassland

Grassland

Grassland

Heathland and shrub

Urban

Urban

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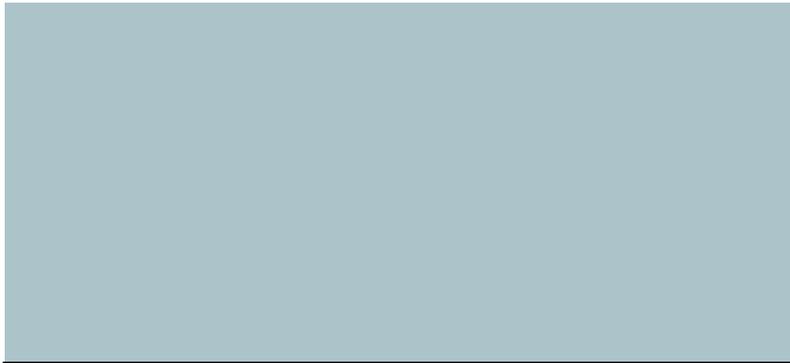
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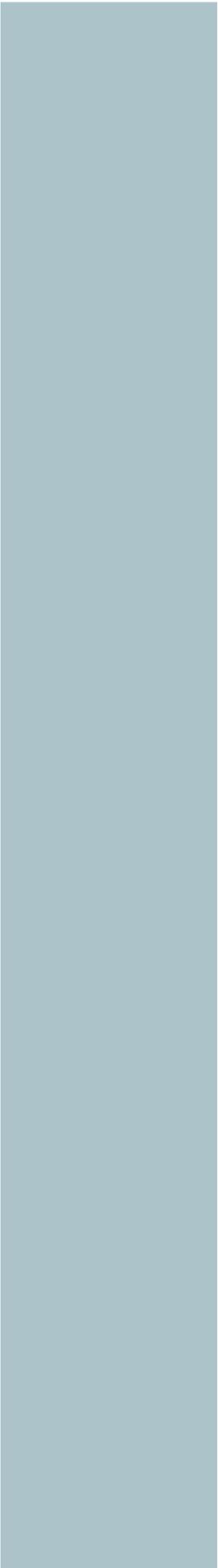
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Habitat units delivered	Con
	Assessor comments
0.00	Hardstanding
0.52	EL1 - lawn mix
0.40	EM3 - meadow mix
0.13	EP1 - pond mix
0.60	Native scrub to south
0.02	Swale feature to centre of site with EM8.



B-2 Site Hedge C

Condense / Show

Main Me

Baseline ref	New hedge number
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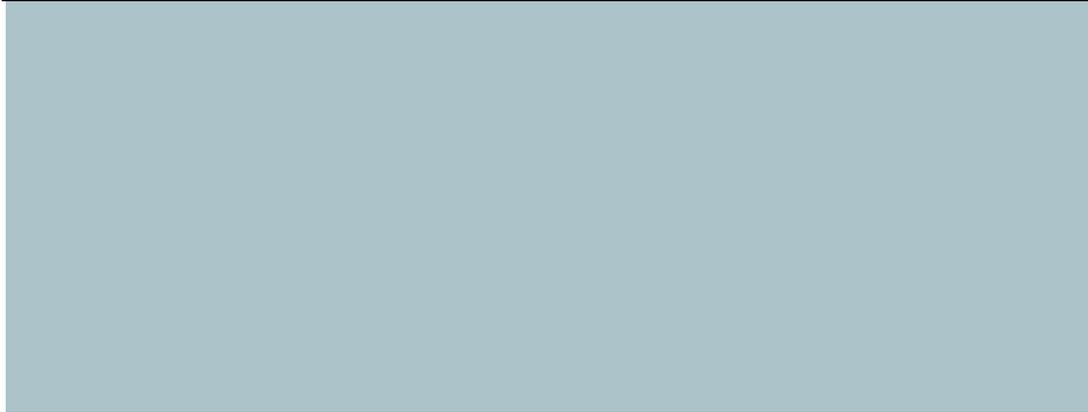
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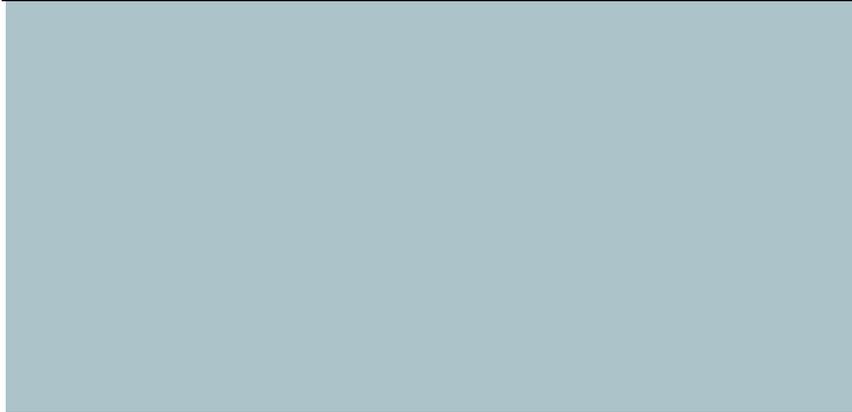
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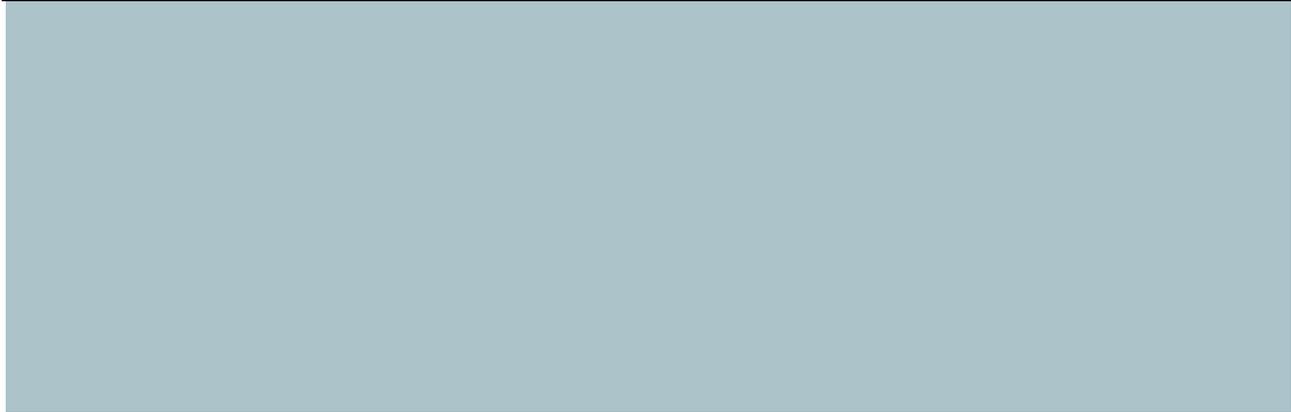




Tem

Standard Time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years
5		

















C-1 Site River Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Existing river type

Baseline ref	River type	Length KM
1	Other Rivers and Streams	0.26
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0.26





Return to start

Phase 1 Habitat
Woodland
Broadleaved woodland
Semi-natural broadleaved woodland
Plantation broadleaved woodland
Coniferous woodland
Semi-natural coniferous woodland
Plantation coniferous woodland
Mixed woodland
Semi-natural mixed woodland
Plantation mixed woodland
Scrub
Dense / continuous scrub
Scattered scrub
Parkland / scattered trees
Broadleaved parkland / scattered trees
Coniferous parkland / scattered trees
Mixed parkland / scattered trees
Recently-felled woodland
Broadleaved recently felled woodland
Coniferous recently felled woodland
Mixed recently felled woodland
Acid grassland
Acid grassland
Unimproved acid grassland
Unimproved acid grassland
Semi-improved acid grassland (Good quality)
Semi-improved acid grassland (Good quality)
Semi-improved acid grassland (Poor quality)
Neutral grassland
Unimproved neutral grassland
Semi-improved neutral grassland (Good quality)
Semi-improved neutral grassland (Poor quality)
Calcareous grassland
Calcareous grassland
Unimproved calcareous grassland
Unimproved calcareous grassland
Semi-improved calcareous grassland (Good quality)
Semi-improved calcareous grassland (Good quality)
Semi-improved calcareous grassland (Poor quality)
Improved grassland
Marsh/marshy grassland
Marsh/marshy grassland
Marsh/marshy grassland

Poor semi-improved grassland
Strandline vegetation coastland
Sand dune
Dune slack sand dune coastland
Dune grassland sand dune coastland
Dune heath sand dune coastland
Dune scrub sand dune coastland
Open dune sand dune coastland
Maritime cliff coastland
Hard maritime cliff coastland
Soft maritime cliff
Crevice/ledge vegetation
Crevice/ledge vegetation
Coastal grassland
Coastal grassland
Coastal grassland
Coastal grassland
Coastal heathland
Coastal heathland
Standing open water
Dry dwarf shrub heath
Dry dwarf shrub heath
Acidic dry dwarf shrub heath
Acidic dry dwarf shrub heath
Basic dry dwarf shrub heath
Basic dry dwarf shrub heath
Wet dwarf shrub heath
Wet dwarf shrub heath
Lichen / bryophyte heath
Lichen / bryophyte heath
Montane heath / dwarf herb
Dry heath / acidic grass mosaic
Wet heath / acidic grass mosaic
Dry heath / acidic grass mosaic
Wet heath / acidic grass mosaic
Bracken
Continuous bracken
Scattered bracken
Other tall herb or fern (Good quality)
Other tall herb or fern

Tall ruderal
Non-ruderal
Bog
Sphagnum bog
Blanket bog
Raised bog
Wet modified bog
Dry modified bog
Dry modified bog
Flush and spring
Acid/neutral flush
Basic flush
Bryophyte-dominated spring
Fen
Valley mire
Basin mire
Floodplain mire
Bare peat
Swamp
Marginal and inundation
Marginal and inundation
Marginal vegetation
Inundation vegetation
Natural rock exposures and caves (Good quality)
Natural rock exposures and caves
Inland cliff (High quality)
Inland cliff
Acidic inland cliff
Basic inland cliff
Scree
Acidic scree
Basic scree
Limestone pavement
Other natural rock exposure
Other acidic natural rock exposure
Other basic rock exposure
Artificial rock exposures
Quarry
Spoil heap
Mine
Refuse tip
Cultivated/disturbed ground
Arable
Amenity grassland
Ephemeral / short perennial

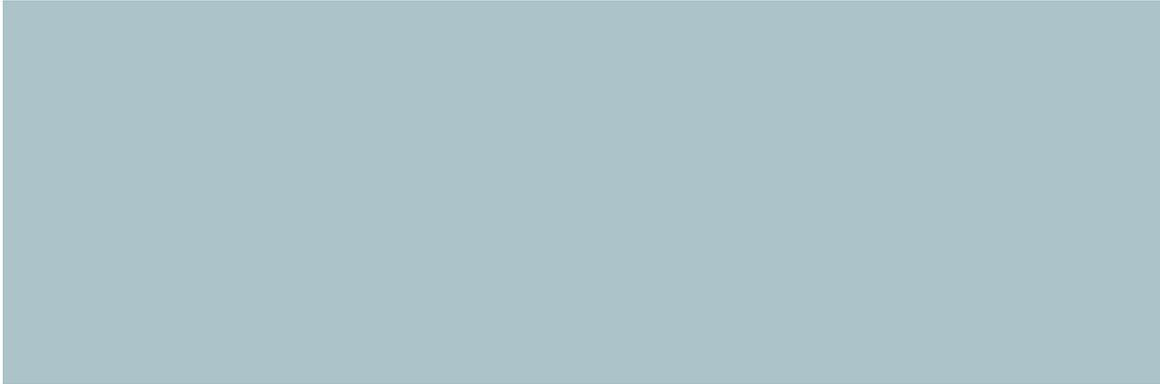
Introduced shrub
Fence
Wall
Built-up areas
Caravans
Sea wall (artificial materials)
Buildings
Bare ground

UK Hab habitat	Distinctiveness band
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest - Other woodland; broadleaved	Medium
Woodland and forest - Lowland mixed deciduous woodland	High
Woodland and forest - Other woodland; broadleaved	Medium
Woodland and forest - Other coniferous woodland	Low
Woodland and forest - Native pine woodlands	High
Woodland and forest - Other coniferous woodland	Low
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest - Lowland mixed deciduous woodland	High
Woodland and forest - Other woodland; mixed	Medium
Heathland and shrub - Mixed scrub	Medium
Heathland and shrub - Mixed scrub	Medium
Heathland and shrub - Mixed scrub	Medium
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Other coniferous woodland	Medium
Woodland and forest - Wood-pasture and parkland	High
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Woodland and forest - Felled	Medium
Grassland - Other lowland acid grassland	Medium
Grassland - Upland acid grassland	Medium
Grassland - Lowland dry acid grassland	V.High
Grassland - Upland hay meadows	V.High
Grassland - Upland acid grassland	Medium
Grassland - Other lowland acid grassland	Medium
Grassland - Modified grassland	Low
Grassland - Other neutral grassland	Medium
Grassland - Lowland meadows	V.High
Grassland - Other neutral grassland	Medium
Grassland - Modified grassland	Low
Grassland - Upland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Upland calcareous grassland	High
Grassland - Upland calcareous grassland	High
Grassland - Lowland calcareous grassland	High
Grassland - Modified grassland	Low
Grassland - Modified grassland	Low
Wetland - Purple moor grass and rush pastures	V.High
Grassland - Other neutral grassland	Medium
Grassland - Modified grassland	Low

Grassland - Modified grassland	Low
Sparsely vegetated land - Coastal vegetated shingle	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Coastal sand dunes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Sparsely vegetated land - Maritime cliff and slopes	High
Grassland - Tall herb communities	High
Sparsely vegetated land - Maritime cliff and slopes	High
Grassland - Lowland meadows	V.High
Grassland - Lowland dry acid grassland	V.High
Grassland - Other lowland acid grassland	Medium
Sparsely vegetated land - Maritime cliff and slopes	High
Heathland and shrub - Lowland Heathland	High
lakes - Aquifer fed naturally fluctuating water bodies	V.High
Lakes - Ditches	Medium
Lakes - High alkalinity lakes	High
Lakes - Low alkalinity lakes	High
Lakes - Marl Lakes	High
Lakes - Moderate alkalinity lakes	High
Lakes - Peat Lakes	High
Lakes - Ponds (Priority Habitat)	High
Lakes - Ponds (Non- Priority Habitat)	Medium
Lakes - Reservoirs	Medium
Lakes - Temporary lakes, ponds and pools	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Mountain heaths and willow scrub	V.High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Heathland and shrub - Upland Heathland	High
Grassland - Bracken	Medium
Grassland - Bracken	Medium
Grassland - Bracken	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Grassland - Bracken	Medium

Sparsely vegetated land - Ruderal/Ephemeral	Low
Sparsely vegetated land - Ruderal/Ephemeral	Low
Wetland - Lowland raised bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Blanket bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Transition mires and quaking bogs (H7140)	V.High
Wetland - Blanket bog	V.High
Wetland - Lowland raised bog	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland – Oceanic Valley Mire[1] (D2.1)	V.High
Wetland - Depressions on Peat substrates (H7150)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Fens (upland and lowland)	V.High
Wetland - Reedbeds	High
Use the Feature that it is within, i.e. River, Lake type etc.	
Wetland - Reedbeds	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Sparsely vegetated land - Limestone pavement	V.High
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Sparsely vegetated land - Other inland rock and scree	Medium
Urban - Sand pit quarry or open cast mine	Low
Urban - Sand pit quarry or open cast mine	Low
Urban - Sand pit quarry or open cast mine	Low
Urban - Artificial unvegetated, unsealed surface	V.Low
Cropland - Cereal crops other	Low
Cropland - Cereal crops	Low
Grassland - Modified grassland	Low
Sparsely vegetated land - Ruderal/Ephemeral	Low

Urban - Introduced shrub	Low
Urban - Built linear features	V.Low
Urban - Built linear features	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Developed land; sealed surface	V.Low
Urban - Vacant/derelict land/ bareground	Low



The Biodiversity Metric 3.0 - Calculating Technical Data

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All area habitats

Area habitat gr

Temporal multipliers

Enhancement ter
multipliers

River data

Condition d

Simulation Tool

Groups

Multipliers

Temporal

Hedgerow data

ata

UKHab/Phase 1
translation

