

The Biodiversity Metric 4.0

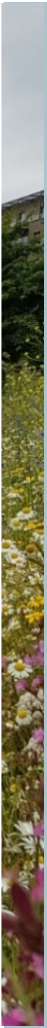
Auditing ar

Open Tool

odiversity

Calculation tool

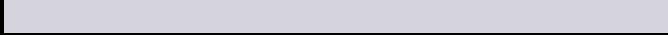




The Biodiversity Metric

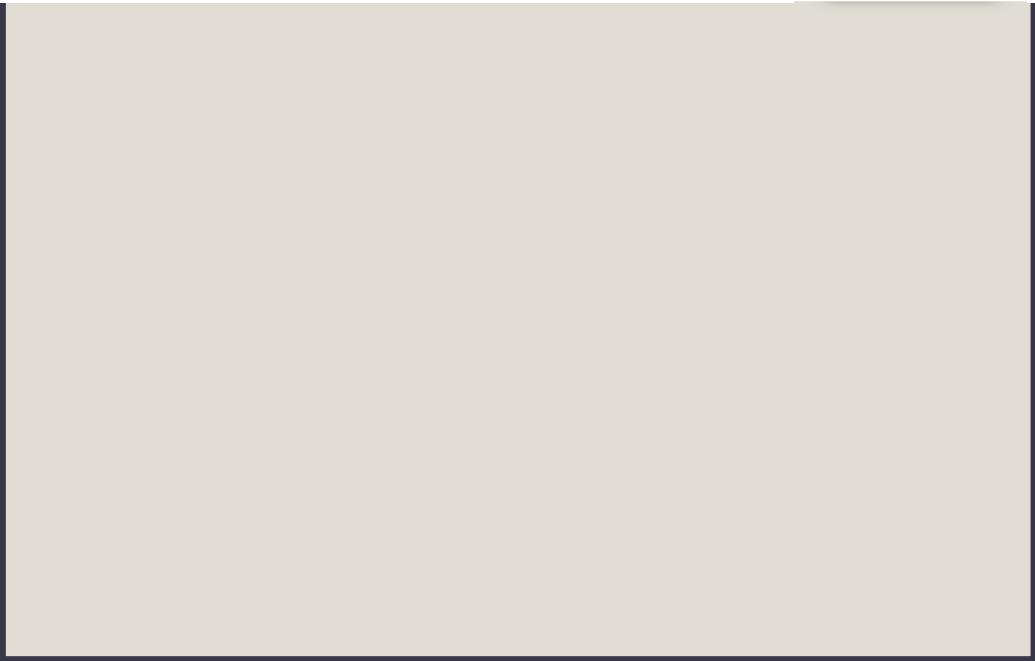
Start

Project details	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Completed by:	
Date of metric completion:	
Reviewer:	
Version control:	
Consenting body reviewer:	
Date of consenting body review:	
Target % net gain:	10%
Irreplaceable habitat present on-site at baseline:	No
Total site area (including irreplaceable habitat area):	26.63

Cell style conventions	
	
	Input error
	Use only
	
	
	

On-site baseline map

Insert



On-site baseline map reference number



Off-site baseline map

Insert

Off-site baseline map reference number



Figure 4.0 - Calculation Tool

Next page

Burbage Parish Council	
Land South of Burbage	
Redrow Homes Ltd	
Hybrid	
24/00083/HYB	
FPCR	
12.08.24	
HEH	
Rev C	

Instructions

Main menu

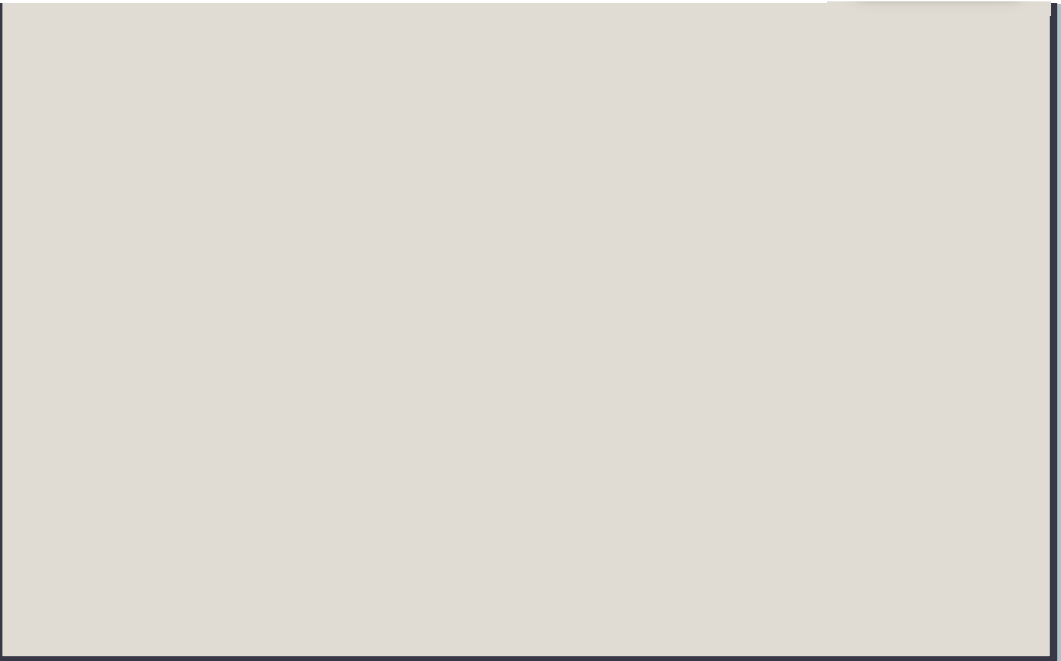
Results

[View all](#)

Reset view

Insert

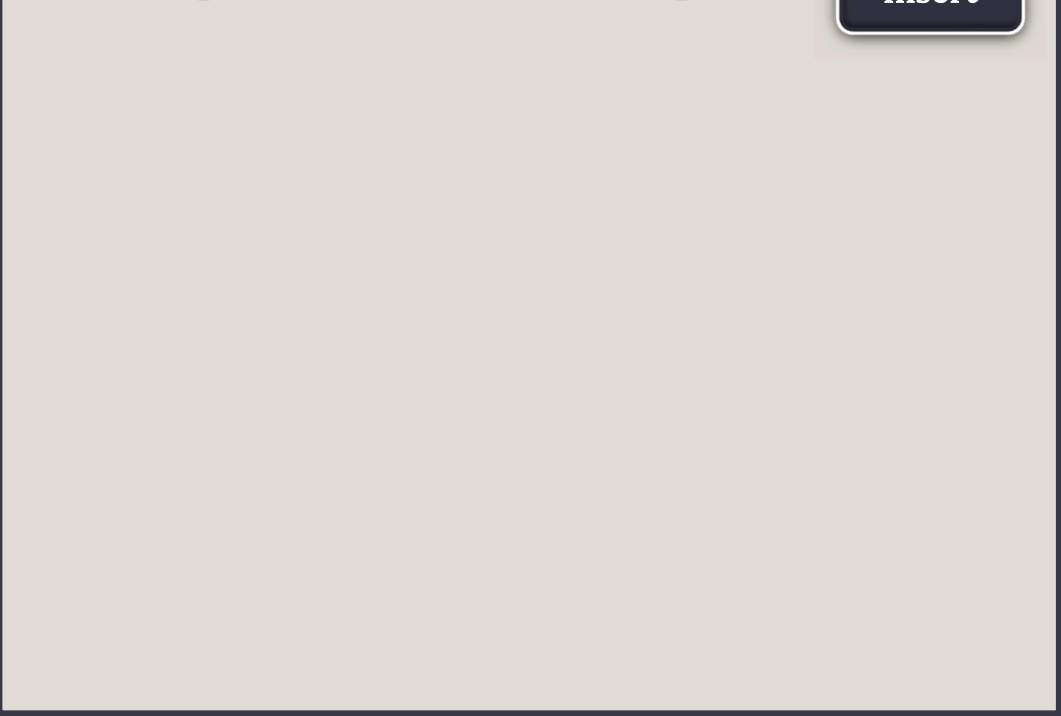
On-site post intervention map



On-site post-intervention map reference number

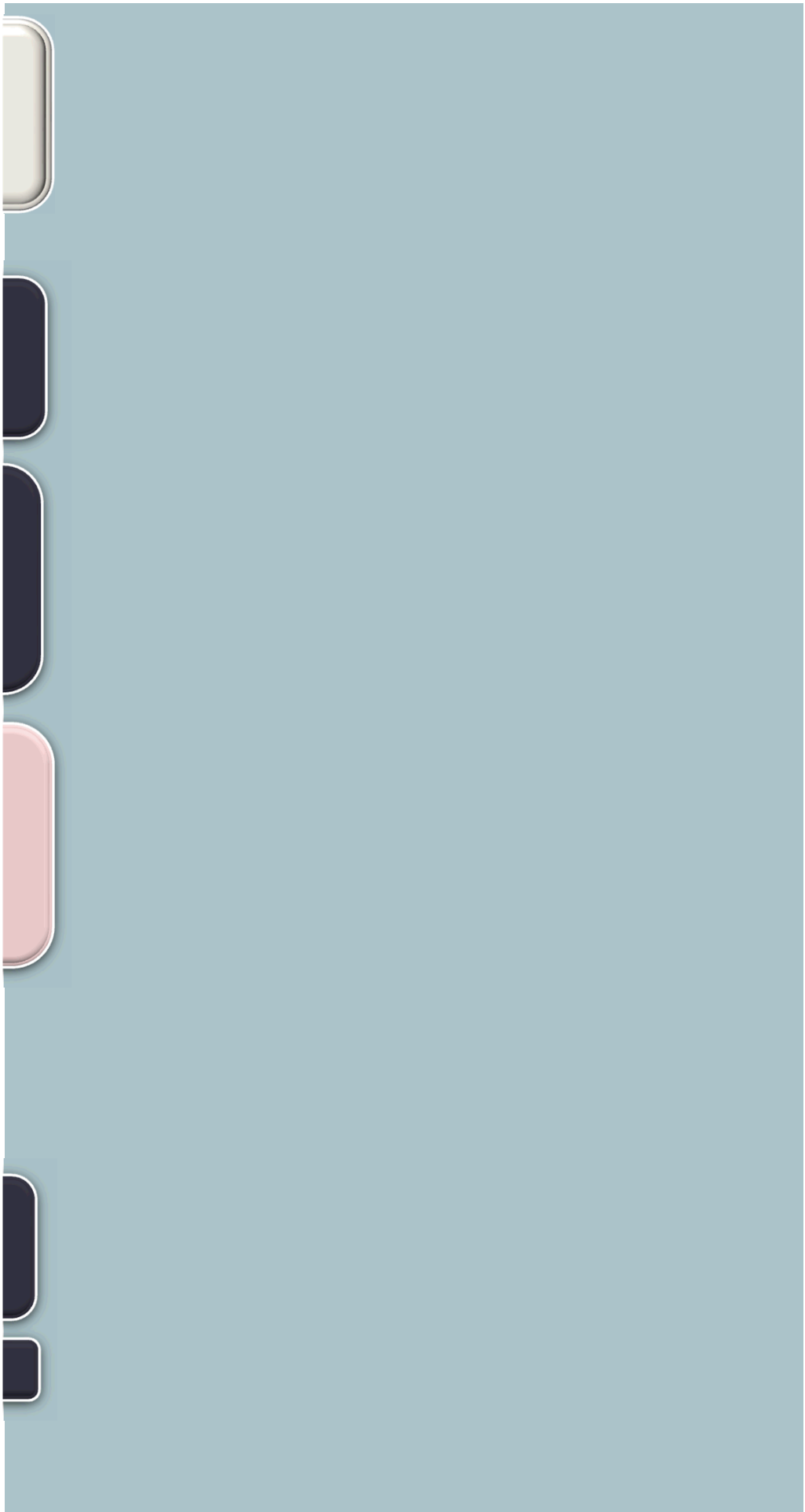
Off-site post intervention map

Insert



Off-site post-intervention reference number







The Biodiversity Metric 4.0 Instruction

Double click the front page

Start page

Main menu

Phase 1 - metric
habitat translation
tool

This guide can also be found
Biodiversity Me

The Biodiversity M Short Data Input Guide

First published March 2023

Natural England Joint Publication JP039

www.gov.uk/natural-england

0 - Calculation Tool ns

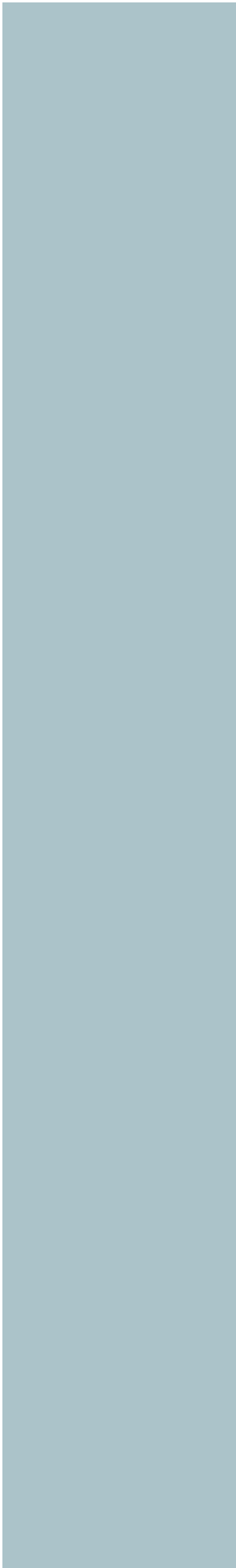
ge below to open the file

l as an Appendix to the main
etric 4.0 – User guide.

etric 4.0

The logo for Natural England, featuring a green square with the words "NATURAL" and "ENGLAND" in white, stacked vertically. This square is positioned on the right side of a larger maroon rectangle.

NATURAL
ENGLAND





Key

Area habitats



Hedgerows and
lines of trees



Watercourses

Start here

1



2

On-site baseline

A-1 On-site
Area Habitat
Baseline



B-1
On-site Hedge
Baseline



C-1
On-site Watercourse
Baseline



On-site post development

A-2 On-site Area
Habitat Creation



B-2 On-site Hedge
Creation



C-2 On-site
Watercourse Creation



A-3 On-site Area
Habitat
Enhancement



B-3 On-site Hedge
Enhancement



C-3 On-site Watercourse
Enhancement



The Biodiversity M M

Start page

Instructions

etric 4.0 - Calculation Tool

ain menu

Tree size
Small
Medium
Large
Total

ons

Technical data

Results

3

Off-site baseline

D-1
Off-site
Area Habitat Baseline



E-1
Off-site Hedge
Baseline



F-1
Off-site Watercourse
Baseline



Off-si

D-2 Off-site Area
Habitat Creation



E-2 Off-site Hedge
Creation



F-2 Off-site
Watercourse Crea



ree helper

Number of trees and area (ha) for each condition state					
Poor	Area	Moderate	Area	Good	Area
	0.0000	258	1.0504		0.0000
	0.0000		0.0000	1	0.0366
	0.0000		0.0000	1	0.0765
0	0.0000	258	1.0504	2	0.1131



te post development



D-3 Off-site Area
Habitat Enhancement



E-3 Off-site Hedge
Enhancement



F-3 Off-site Watercourse
Enhancement

The Biodiversity Metric 4.0 – C

**Return to start
page**

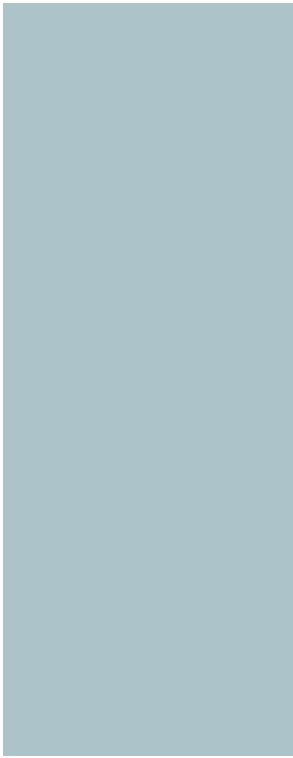
Headline results

Detailed results

Calculation Tool

Habitat trading
summaries

Off-site
summary



Land South of Burbage

Headline Results

Scroll down for final results ☐

Return to results menu

On-site baseline	Habitat units
	Hedgerow units
	Watercourse units
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	Watercourse units
On-site net change (units & percentage)	Habitat units
	Hedgerow units
	Watercourse units
Off-site baseline	Habitat units
	Hedgerow units
	Watercourse units
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	Watercourse units
Off-site net change	Habitat units

Off-site net change (units & percentage)	Hedgerow units
	Watercourse units

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	Watercourse units

Spatial risk multiplier (SRM) deductions	Habitat units
	Hedgerow units
	Watercourse units

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	Watercourse units

Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	Watercourse units

Trading rules satisfied?	No - Check Trading Rules
--------------------------	--------------------------

Unit Type	Target	Baseline Units	Units Required
<i>Habitat units</i>	10.00%	58.06	63.86
<i>Hedgerow units</i>	10.00%	25.46	28.00
<i>Watercourse units</i>	10.00%	3.57	3.93

58.06
25.46
3.57

71.23
38.21
3.45

13.18	22.69%
12.76	50.11%
-0.12	-3.28%

On-site net gain is less than target set ☐

0.00
0.00
0.00

0.00
0.00
0.00

0.00	0.00%
------	-------

0.00	0.00%
0.00	0.00%

13.18
12.76
-0.12

0.00
0.00
0.00

--

13.18
12.76
-0.12

22.69%
50.11%

-3.28%

Total net gain achieved is less than target set ☐

ing Summaries ▲

Unit Deficit
0.00
0.00
0.47

Unit requirement met or surpassed ✓

Unit requirement met or surpassed ✓

Land South of Burbage
Detailed Results

Summary Figures

Net project biodiversity (Including all on-site & off-site habitat retention)

Total project biodiversity (Including all on-site & off-site habitat creation)
--

Combined
Total on-site and off-site baseline area / length
Total on-site and off-site baseline units

Total on-site and off-site baseline area / length retained
Total on-site and off-site baseline units retained

Area / length proposed for enhancement
Baseline units proposed for enhancement

Total on-site and off-site baseline area / length lost
Total on-site and off-site baseline units lost

Area habitats
On-site change

Area Habitats	
	Habitat group
	Cropland
	Grassland
	Heathland and shrub
	Lakes
	Sparsely vegetated land
	Urban
	Wetland
	Woodland and forest
	Intertidal sediment
	Coastal saltmarsh
	Rocky shore
	Coastal lagoons
	Intertidal hard structures
	Watercourse footprint
	Individual trees
	Off-site ch
Area Habitats	Habitat group
	Cropland
	Grassland
	Heathland and shrub
	Lakes
	Sparsely vegetated land
	Urban
	Wetland
	Woodland and forest
	Intertidal sediment
	Coastal saltmarsh
	Rocky shore
	Coastal lagoons
	Intertidal hard structures
	Watercourse footprint
	Individual trees
	Combined on-site and

Area Habitats	
	Habitat group
	Cropland
	Grassland
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	Sparsely vegetated land
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	Wetland
	Woodland and forest
	Intertidal sediment
	Coastal saltmarsh
	Rocky shore
	Coastal lagoons
	Intertidal hard structures
	Watercourse footprint
	Individual trees
Hedgerows and Lines of Trees	Hedgerows and lines of trees
	On-site conservation
	Hedgerow type
	Species-rich native hedgerow with trees - associated with bank or ditch
	Species-rich native hedgerow with trees
	Species-rich native hedgerow - associated with bank or ditch
	Native hedgerow with trees - associated with bank or ditch
	Species-rich native hedgerow
	Native hedgerow - associated with bank or ditch
	Native hedgerow with trees
	Ecologically valuable line of trees
	Ecologically valuable line of trees - associated with bank or ditch
	Native hedgerow
	Line of trees
	Line of trees - associated with bank or ditch
	Non-native and ornamental hedgerow

Hedgerows and Lines of Trees	Off-site	
	Hedgerow type	
	Species-rich native hedgerow with trees - associated with bank or ditch	
	Species-rich native hedgerow with trees	
	Species-rich native hedgerow - associated with bank or ditch	
	Native hedgerow with trees - associated with bank or ditch	
	Species-rich native hedgerow	
	Native hedgerow - associated with bank or ditch	
	Native hedgerow with trees	
	Ecologically valuable line of trees	
	Ecologically valuable line of trees - associated with bank or ditch	
	Native hedgerow	
	Line of trees	
	Line of trees - associated with bank or ditch	
	Non-native and ornamental hedgerow	
	Combined on-site	
	Hedgerow type	
Hedgerows and Lines of Trees	Species-rich native hedgerow with trees - associated with bank or ditch	
	Species-rich native hedgerow with trees	
	Species-rich native hedgerow - associated with bank or ditch	
	Native hedgerow with trees - associated with bank or ditch	
	Species-rich native hedgerow	
	Native hedgerow - associated with bank or ditch	
	Native hedgerow with trees	
	Ecologically valuable line of trees	
	Ecologically valuable line of trees - associated with bank or ditch	
	Native hedgerow	
	Line of trees	
	Line of trees - associated with bank or ditch	
	Non-native and ornamental hedgerow	

Watercourses	Watercourses	
	On-site classification	
	Watercourse type	
	Priority habitat	
	Other rivers and streams	
	Ditches	
	Canals	
	Culvert	
Watercourses	Off-site classification	
	Watercourse type	
	Priority habitat	
	Other rivers and streams	
	Ditches	
	Canals	
	Culvert	

Watercourses	Combined on-site and
	Watercourse type
	Priority habitat
	Other rivers and streams
	Ditches
	Canals
	Culvert

Return to results
menu

ty units

ention / creation)

Habitat units

Hedgerow units

Watercourse units

% change

n + retained habitats)

Habitat units

Hedgerow units

Watercourse units

habitat retention and enhancement

	Habitats	Hedgerows
	26.63	3.59
	58.06	25.46
	0.13	2.75
	1.43	19.97
	4.98	0.17
	11.93	2.04
	21.53	0.67
	44.70	3.45

ange by broad habitat type

Baseline		Post-development on-site		On-site
On-site existing area	On-site existing value	On-site proposed area	On-site proposed value	On-site area change
0.00	0.00	0.00	0.00	0.00
24.99	54.91	9.63	50.03	-15.36
0.14	0.55	1.10	7.30	0.96
0.01	0.05	0.01	0.02	0.00
0.15	0.29	0.00	0.00	-0.15
1.24	0.90	15.79	9.31	14.56
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.11	1.36	1.16	4.57	1.05

Change by broad habitat type

Baseline		Post-development off-site		Off-site
Off-site existing area	Off-site existing value	Off-site proposed area	Off-site proposed value	Off-site area change
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Off-site change by broad habitat type

Baseline		On-site and off-site post-development		Combined
Combined existing area	Combined existing value	Combined proposed area	Combined proposed value	Combined area change
0.00	0.00	0.00	0.00	0.00
24.99	54.91	9.63	50.03	-15.36
0.14	0.55	1.10	7.30	0.96
0.01	0.05	0.01	0.02	0.00
0.15	0.29	0.00	0.00	-0.15
1.24	0.90	15.79	9.31	14.56
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.11	1.36	1.16	4.57	1.05

S

change by hedgerow type

Baseline		Post-development on-site		On-site
On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site length change
0.00	0.00	0.00	0.00	0.00
0.18	2.15	0.23	2.55	0.05
0.00	0.00	0.00	0.00	0.00
0.58	9.38	0.54	9.58	-0.04
0.00	0.00	1.95	13.06	1.95
0.30	2.94	0.27	2.65	-0.04
0.40	3.17	0.30	2.41	-0.10
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
1.92	7.36	1.53	5.85	-0.39
0.13	0.38	0.10	0.25	-0.03
0.00	0.00	0.00	0.00	0.00
0.08	0.08	1.92	1.86	1.85

change by hedgerow type

Off-site baseline		Post-development off-site		Off-site
Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	length change
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

nd off-site change by hedgerow type

Baseline		Post-development		CI
Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change
0.00	0.00	0.00	0.00	0.00
0.18	2.15	0.23	2.55	0.05
0.00	0.00	0.00	0.00	0.00
0.58	9.38	0.54	9.58	-0.04
0.00	0.00	1.95	13.06	1.95
0.30	2.94	0.27	2.65	-0.04
0.40	3.17	0.30	2.41	-0.10
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
1.92	7.36	1.53	5.85	-0.39
0.13	0.38	0.10	0.25	-0.03
0.00	0.00	0.00	0.00	0.00
0.08	0.08	1.92	1.86	1.85

Change by watercourse type

Baseline		Post-development on site		On-site
On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site length change
0.0	0.0	0.0	0.0	0.0
0.3	2.5	0.3	2.5	0.0
0.2	1.0	0.2	1.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

Change by watercourse type

Baseline		Post development off-site		Off-site
Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site length change
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

d off-site change by watercourse type

Baseline		Post-development on-site		On-site
Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change
0.0	0.0	0.0	0.0	0.0
0.3	2.5	0.3	2.5	0.0
0.2	1.0	0.2	1.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0



13.18
12.76
-0.12

22.69%
50.11%
-3.28%

Watercourses
0.55
3.57

0.53
3.45

0.00
0.00

0.02
0.12

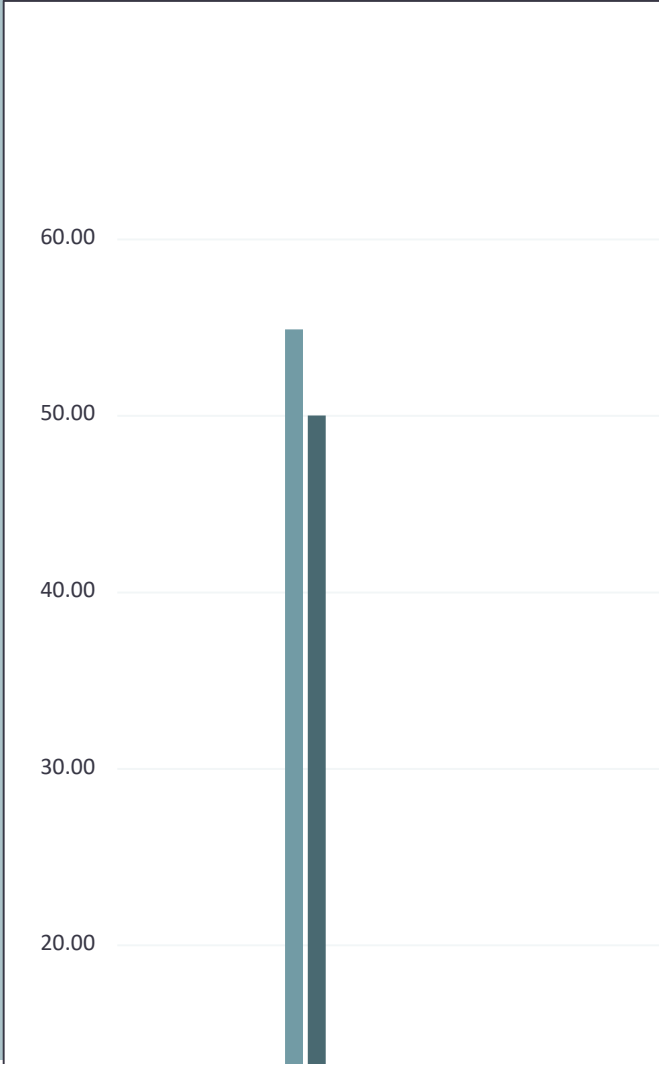
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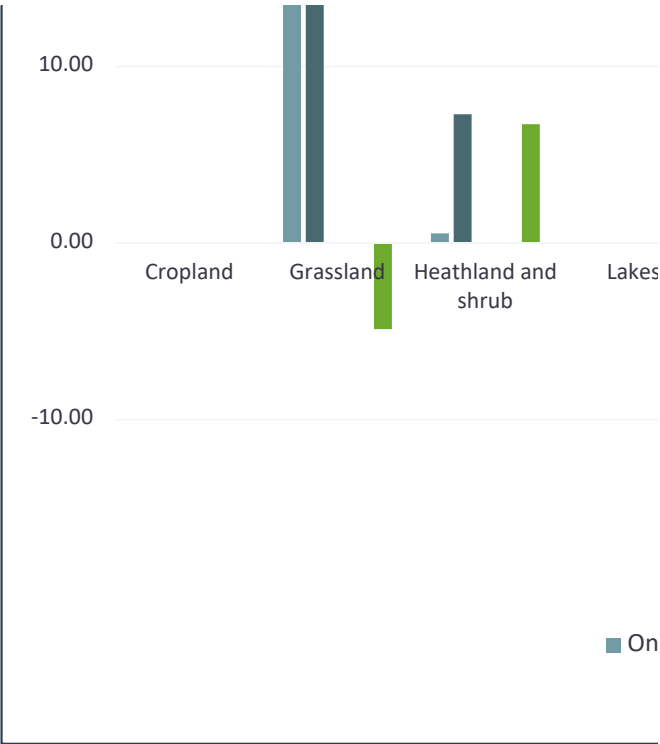
On-site unit change
0.00
-4.87
6.74
-0.03
-0.29
8.42
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
3.21

Off-site unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00

Combined area lost by distribution	
Category	Area lost (hectares)
V.High	0
High	0
Medium	1.6052
Low	19.1345
V.Low	0.786



ned change
Combined unit change
0.00
-4.87
6.74
-0.03
-0.29
8.42
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
3.21

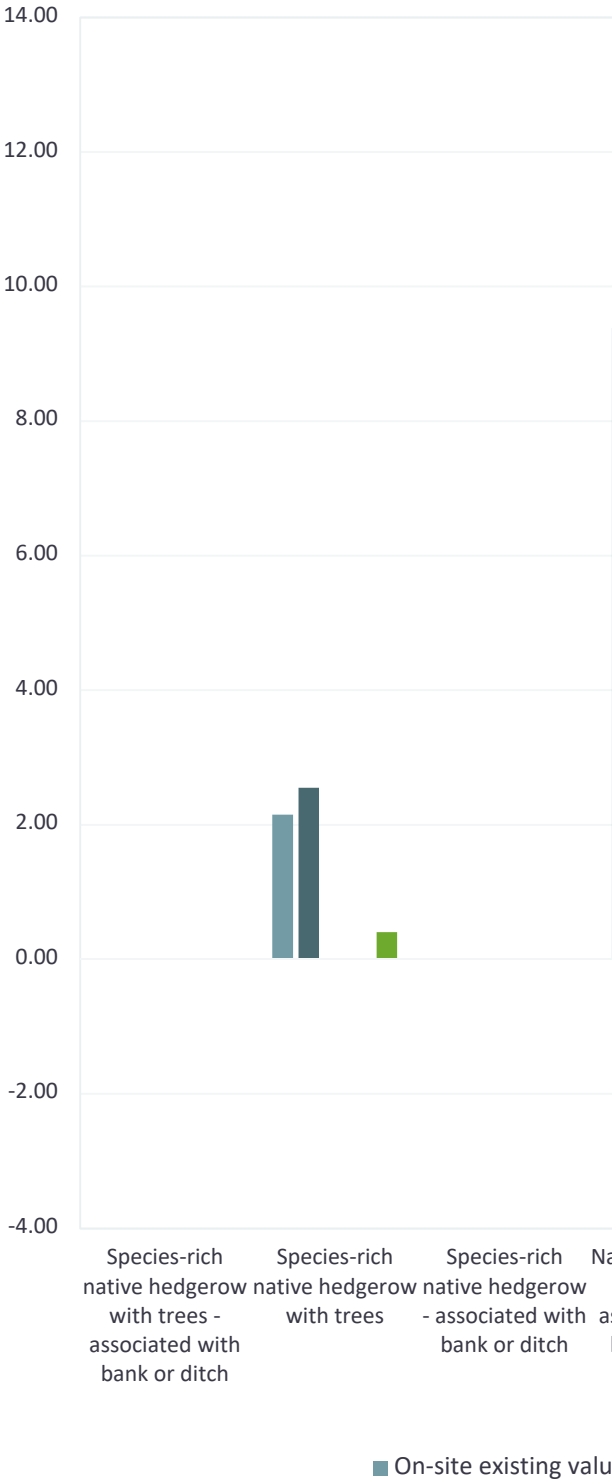


te change
On-site unit change
0.00
0.40
0.00
0.20
13.06
-0.29
-0.76
0.00
0.00
-1.50
-0.14
0.00
1.78

Combined length lost by disti	
Category	Length lost (km)
V.High	0
High	0.038
Medium	0.131
Low	0.425
V.Low	0.078

te change
Off-site unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00

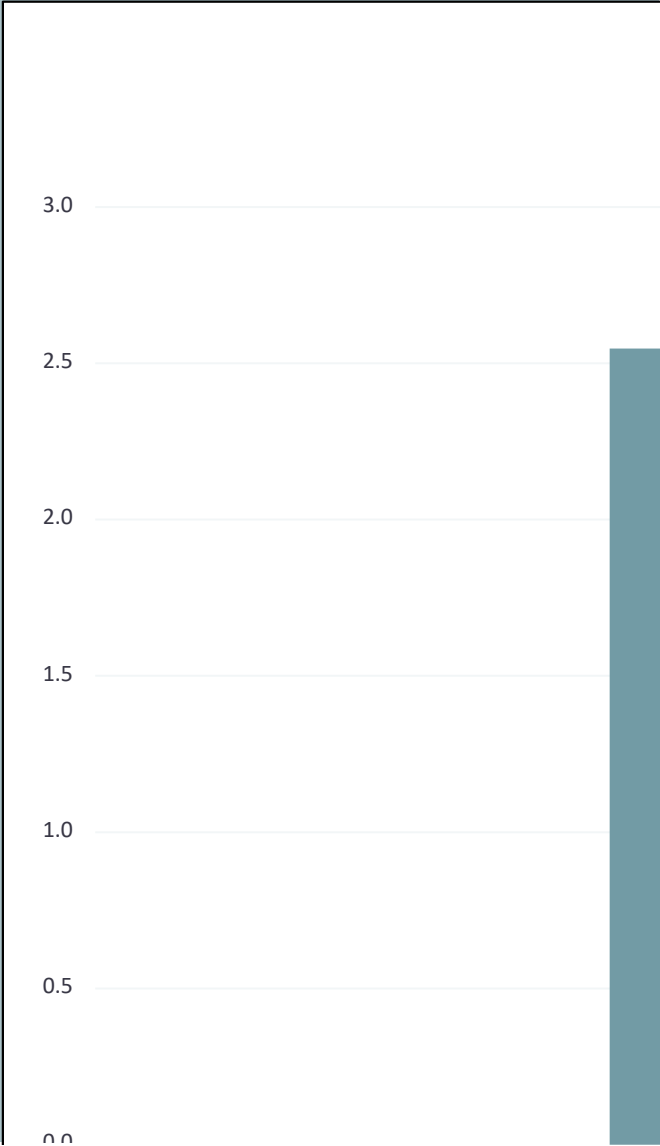
nange
Combined unit change
0.00
0.40
0.00
0.20
13.06
-0.29
-0.76
0.00
0.00
-1.50
-0.14
0.00
1.78



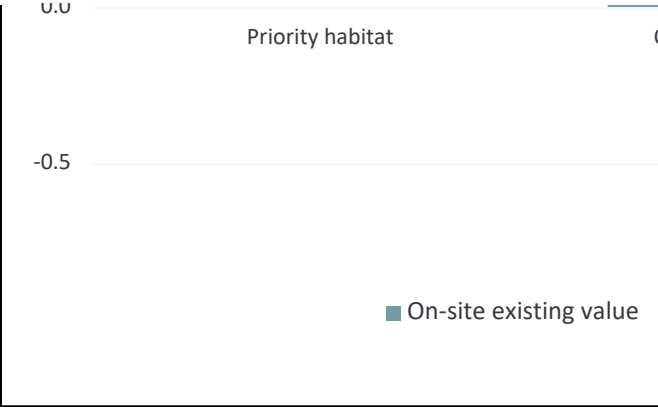
Change
On-site unit change
0.0
-0.1
0.0
0.0
0.0

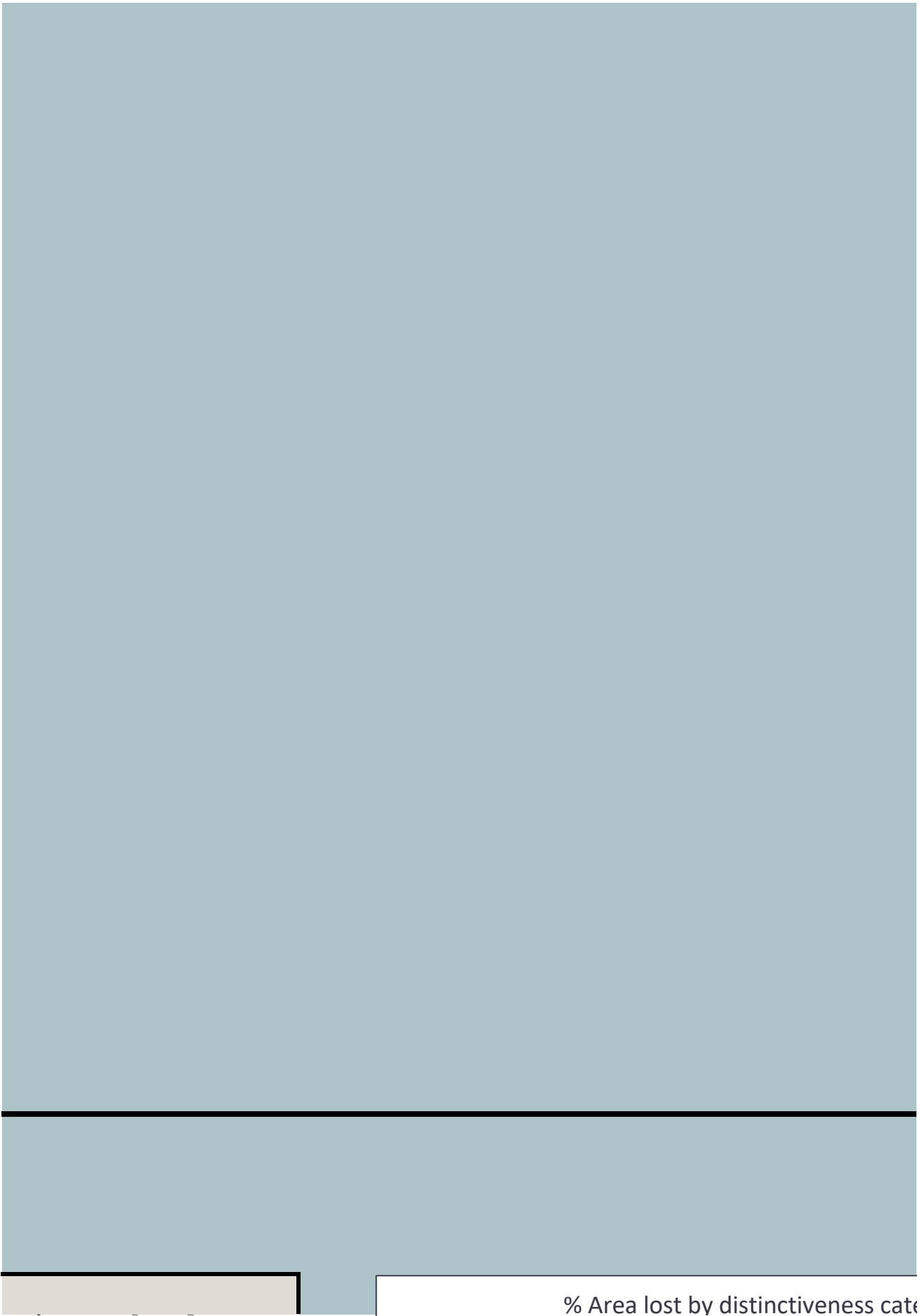
Combined length lost by disti	
Category	Length lost (km)
V.High	0
High	0.009
Medium	0.009
Low	0

Change
Off-site unit change
0.0
0.0
0.0
0.0
0.0



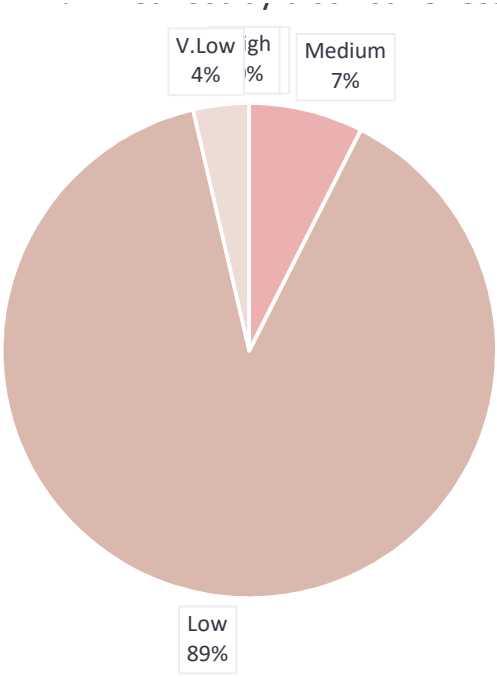
te change
Combined unit change
0.0
-0.1
0.0
0.0
0.0



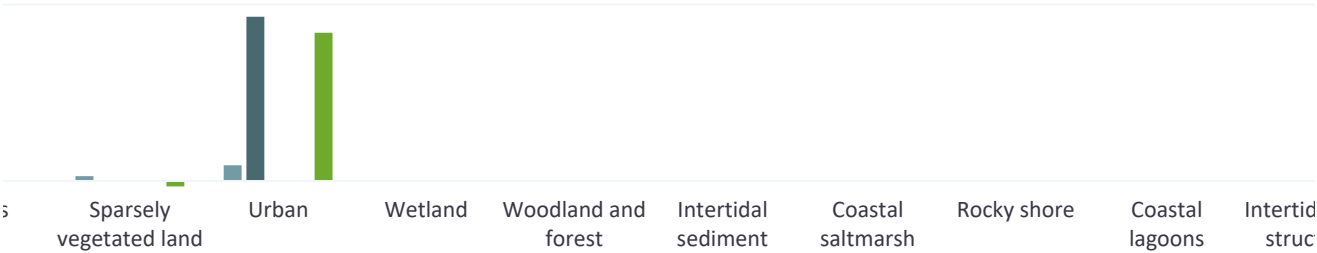


% Area lost by distinctiveness cat

Effectiveness band
Area lost (%)
7
89
4

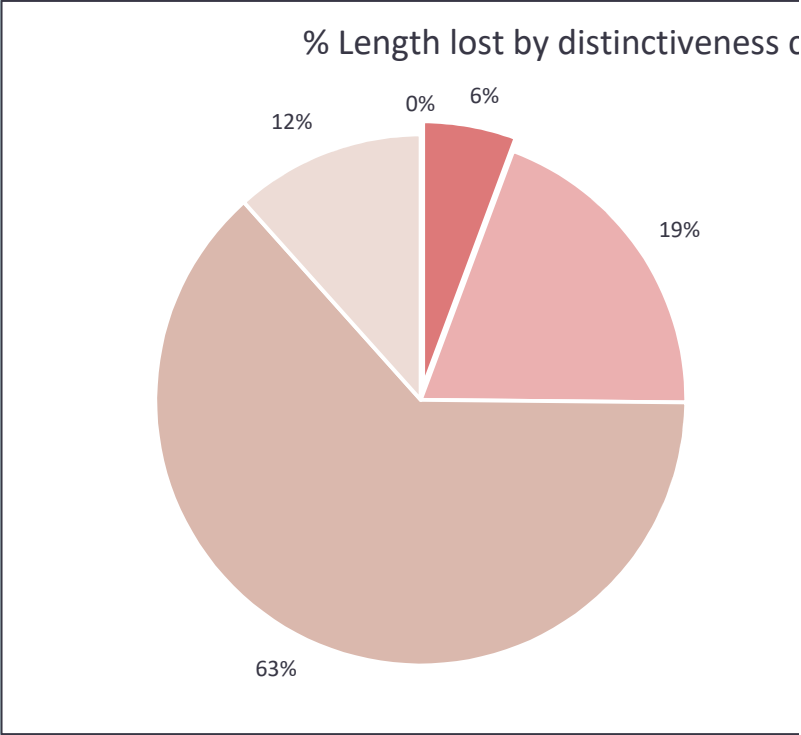


Biodiversity unit change by habitat group

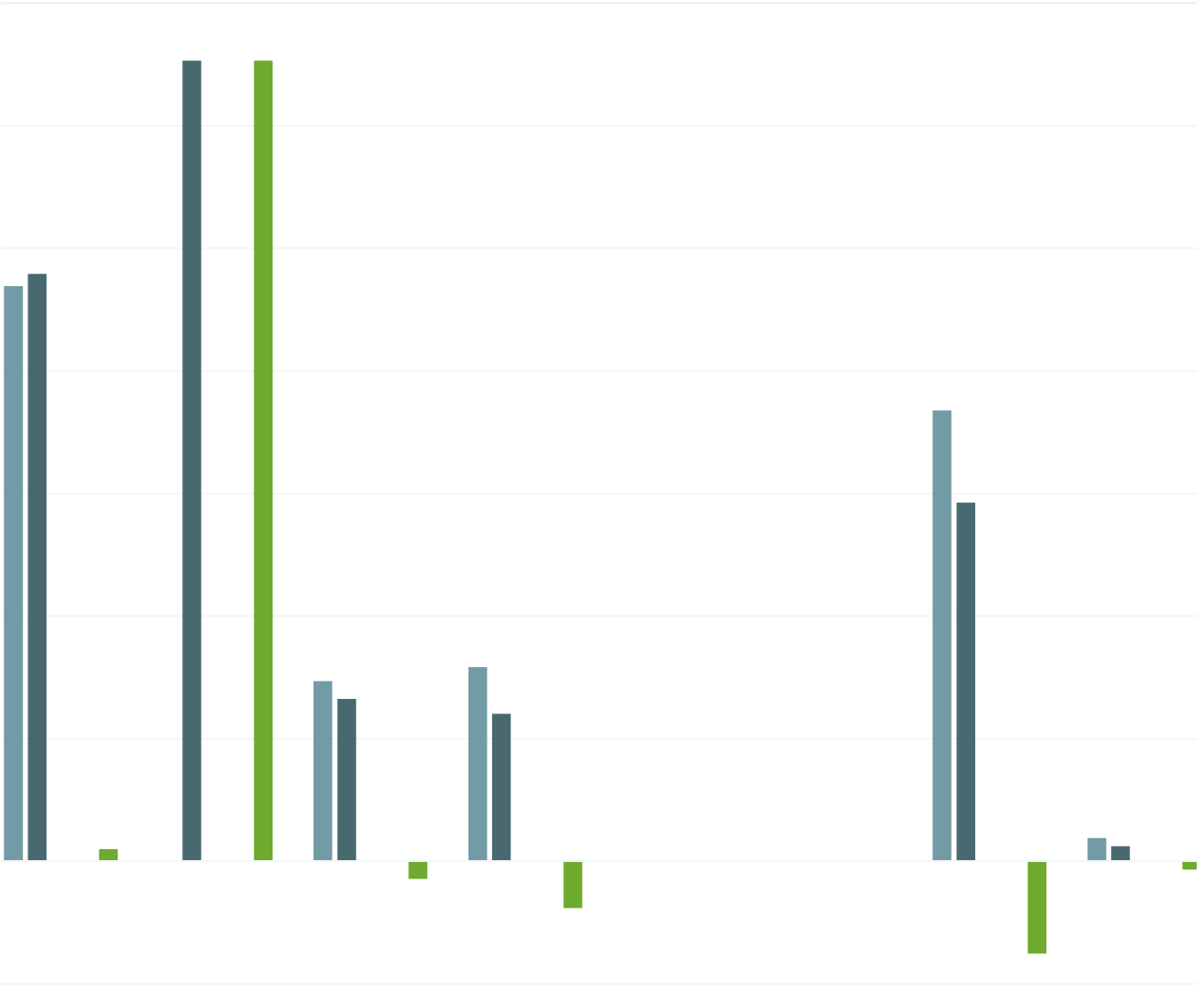


i-site existing value ■ On-site proposed value ■ Off-site existing value ■ Off-site proposed value ■ Cor

Distinctiveness band	
Length lost (%)	
6	
19	
63	
12	



Hedgerow biodiversity unit change

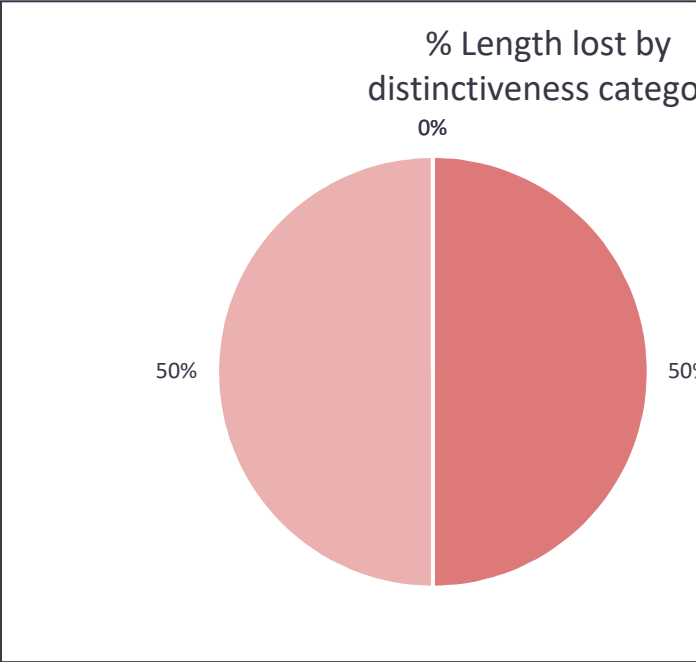


Active hedgerow with trees - associated with bank or ditch Species-rich native hedgerow Native hedgerow - associated with bank or ditch Native hedgerow with trees Ecologically valuable line of trees Ecologically valuable line of trees - associated with bank or ditch Native hedgerow Line of trees

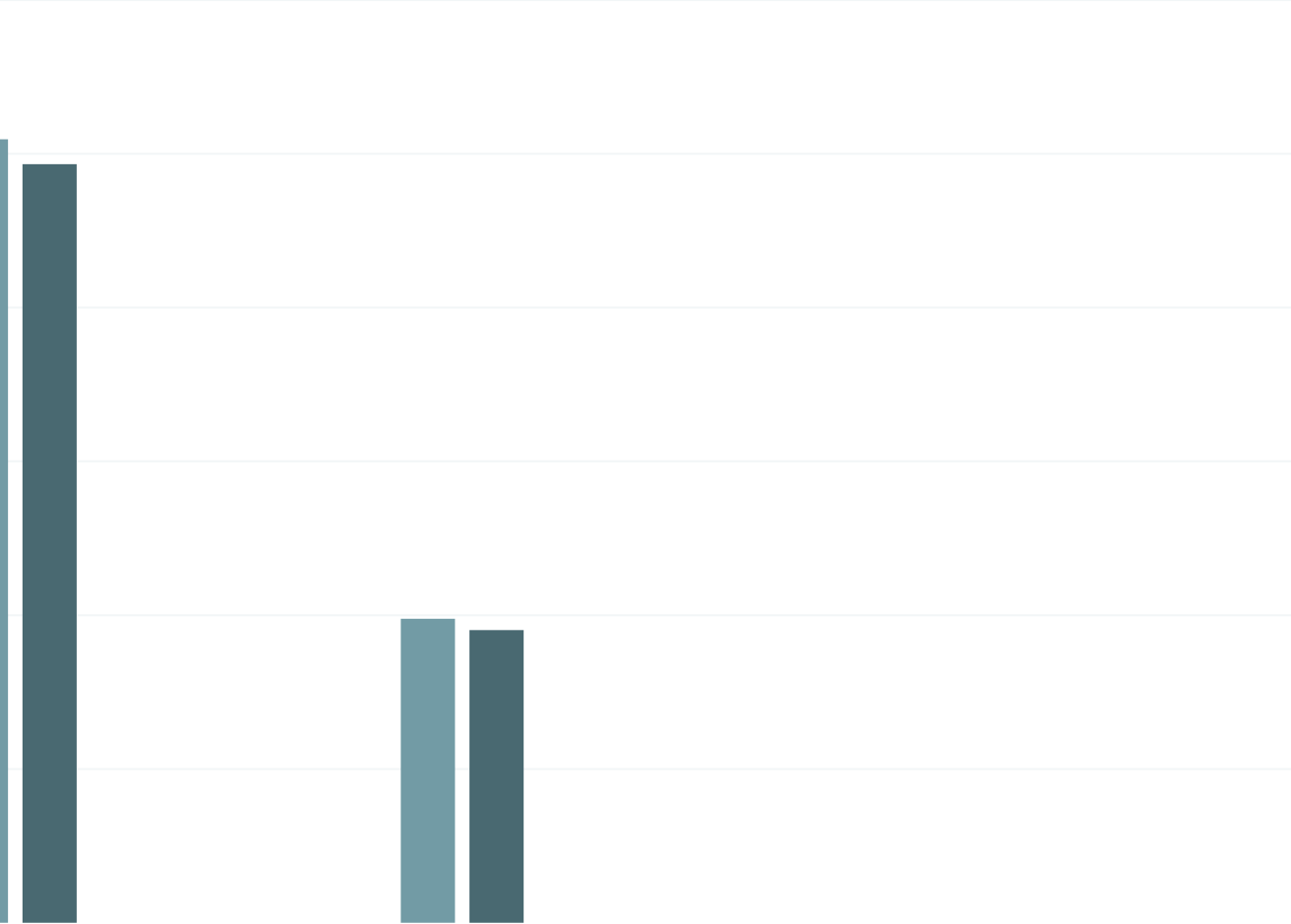
ie ■ On-site proposed value ■ Off-site proposed value ■ Off-site existing value ■ Combined unit change

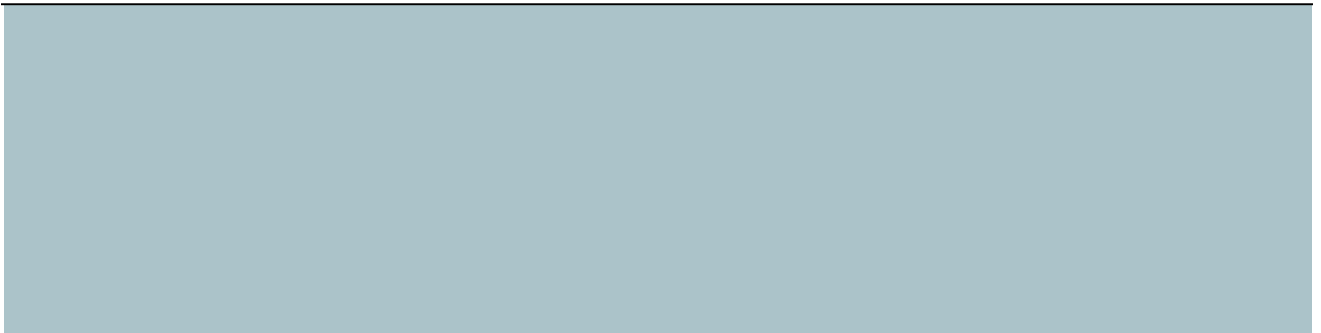
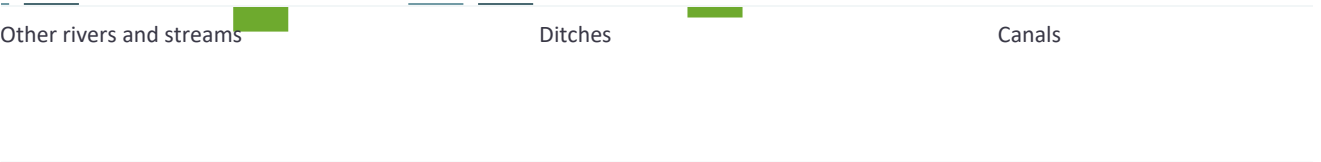


Distinctiveness band
Length lost (%)
50
50



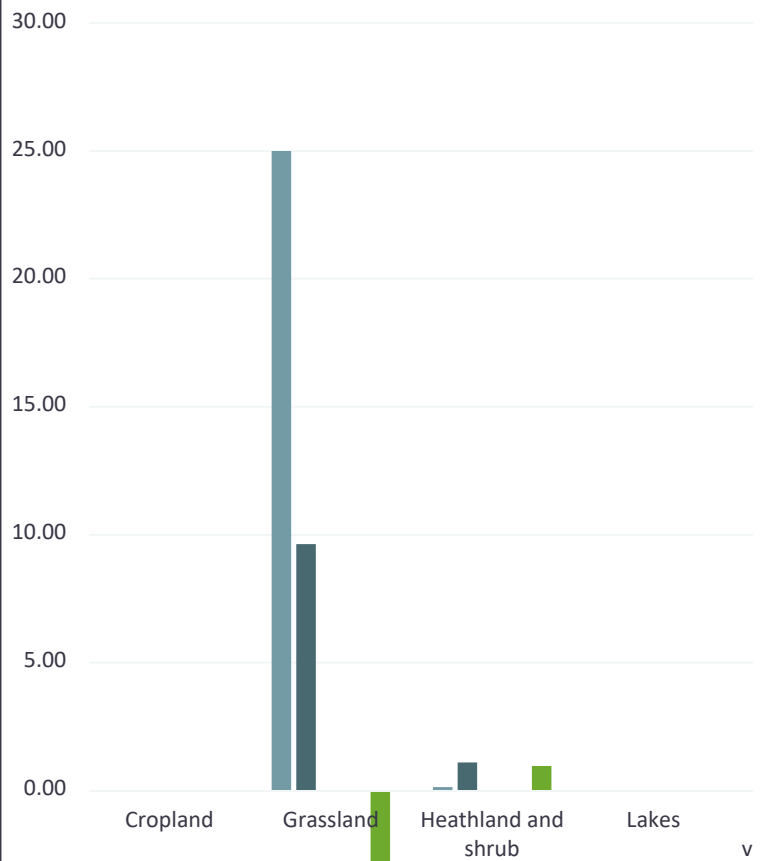
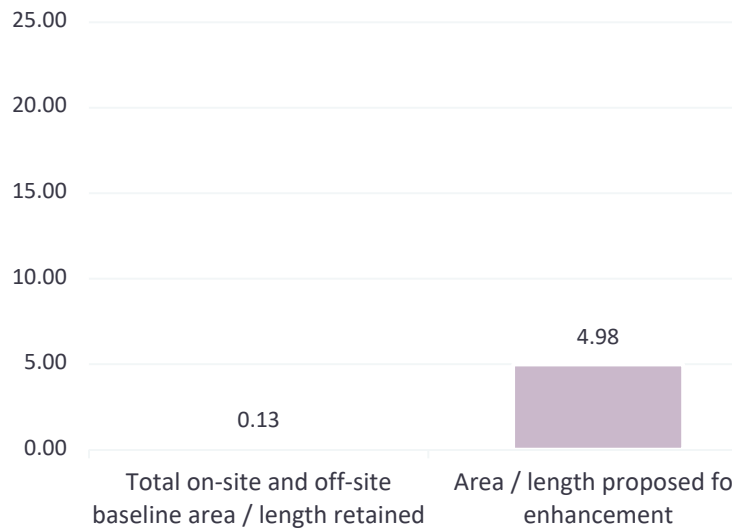
Watercourse biodiversity unit change

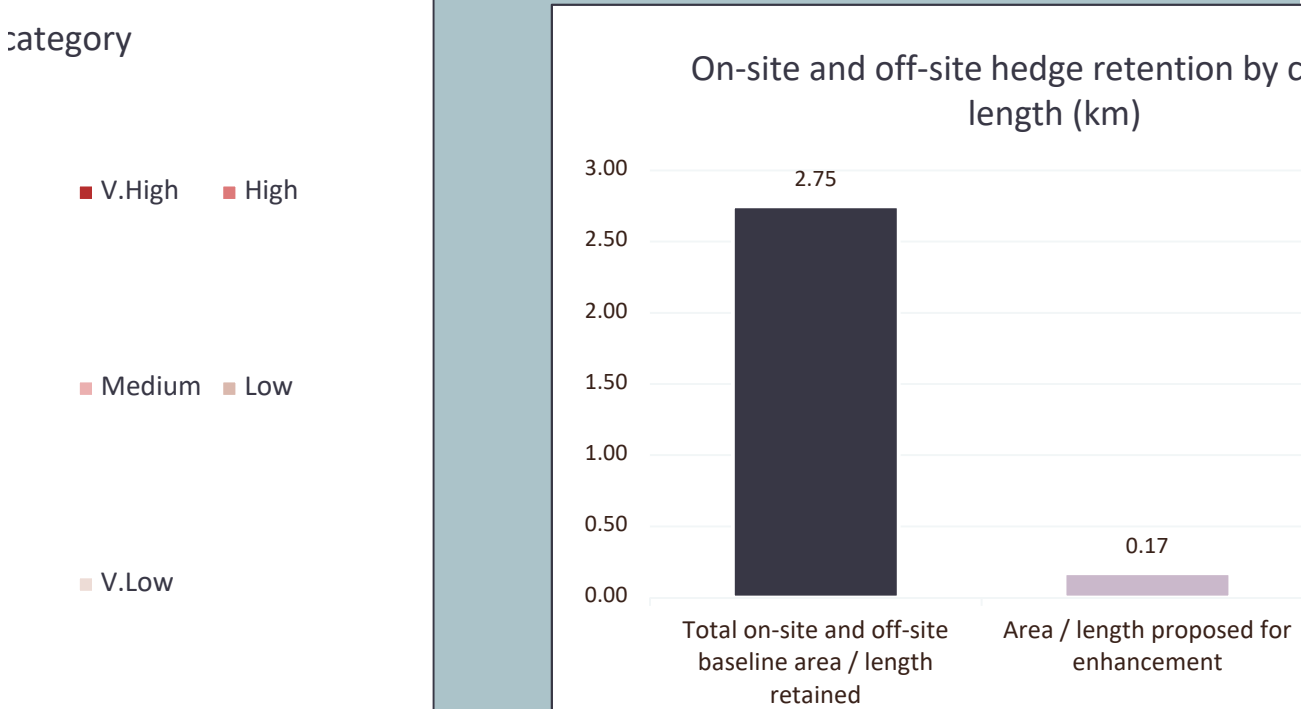
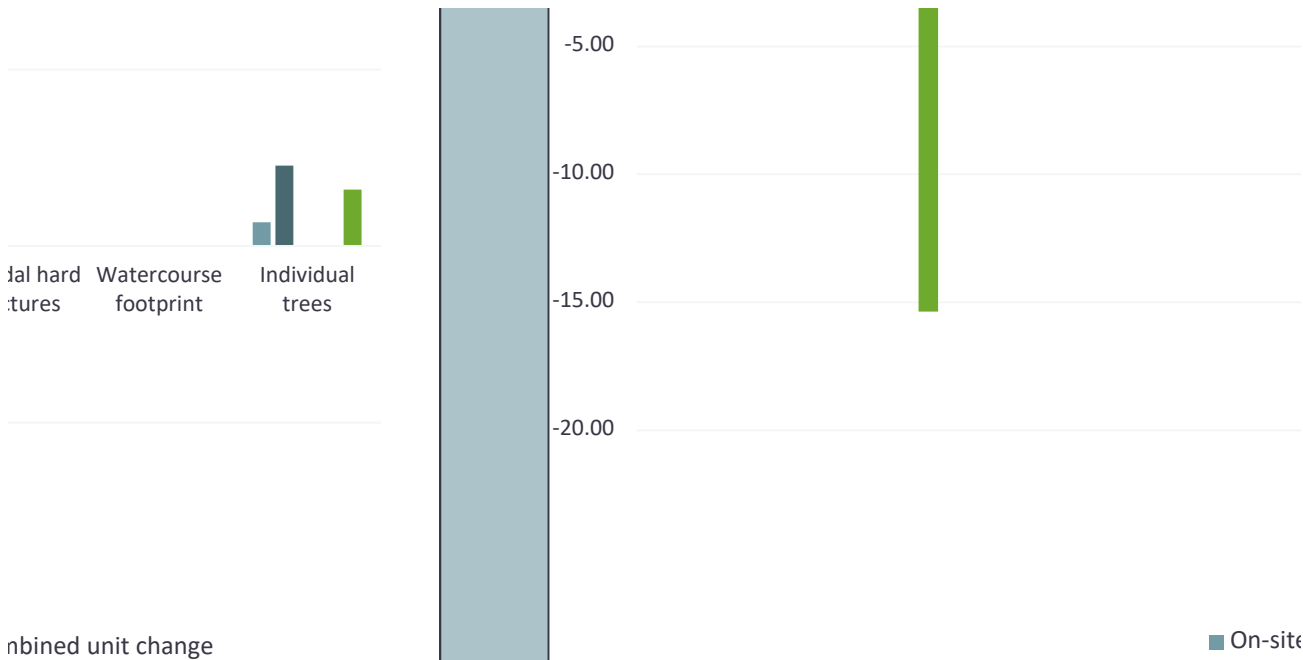


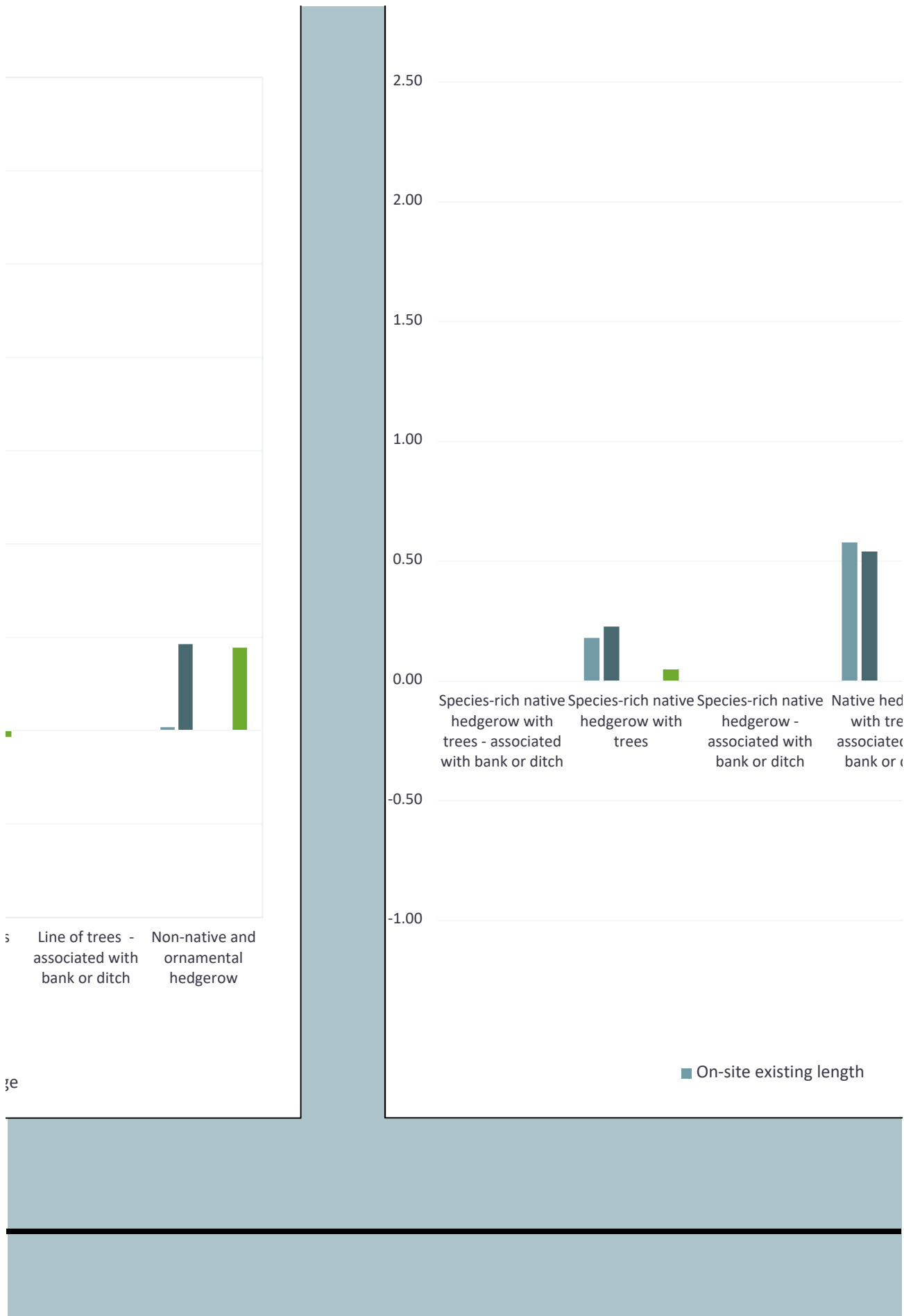


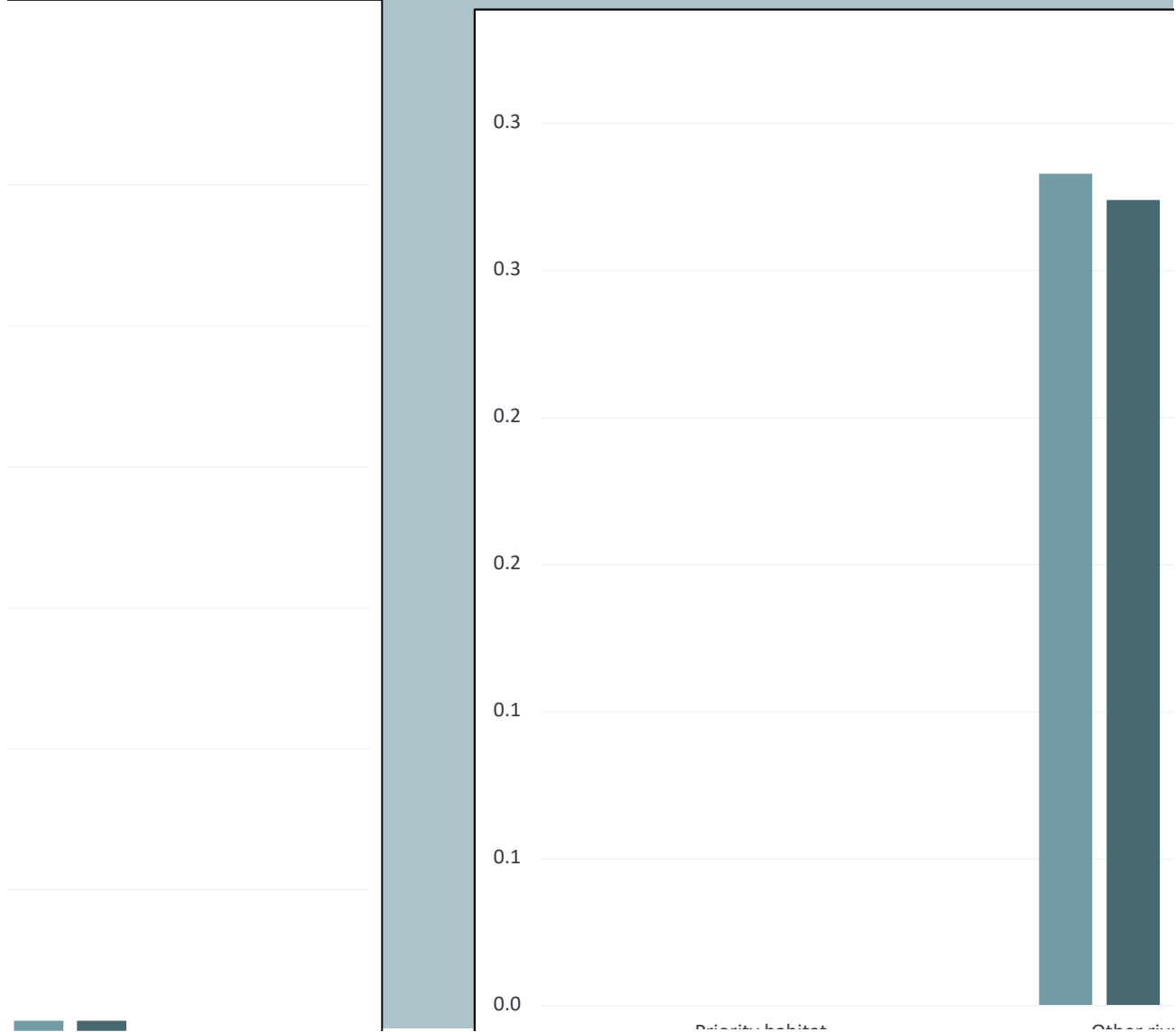
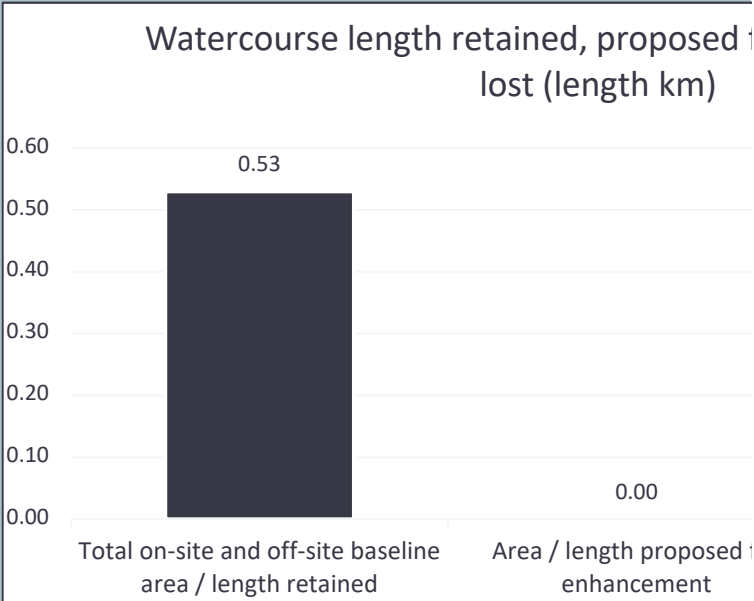
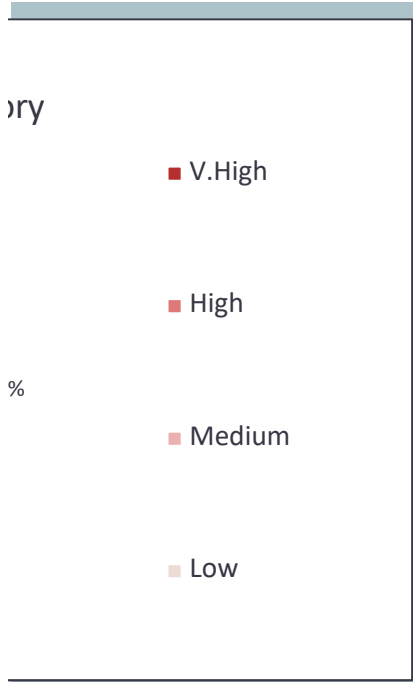
- V.High
- High
- Medium
- Low
- V.Low

On-site and off-site habitat retention b
area (hectares)

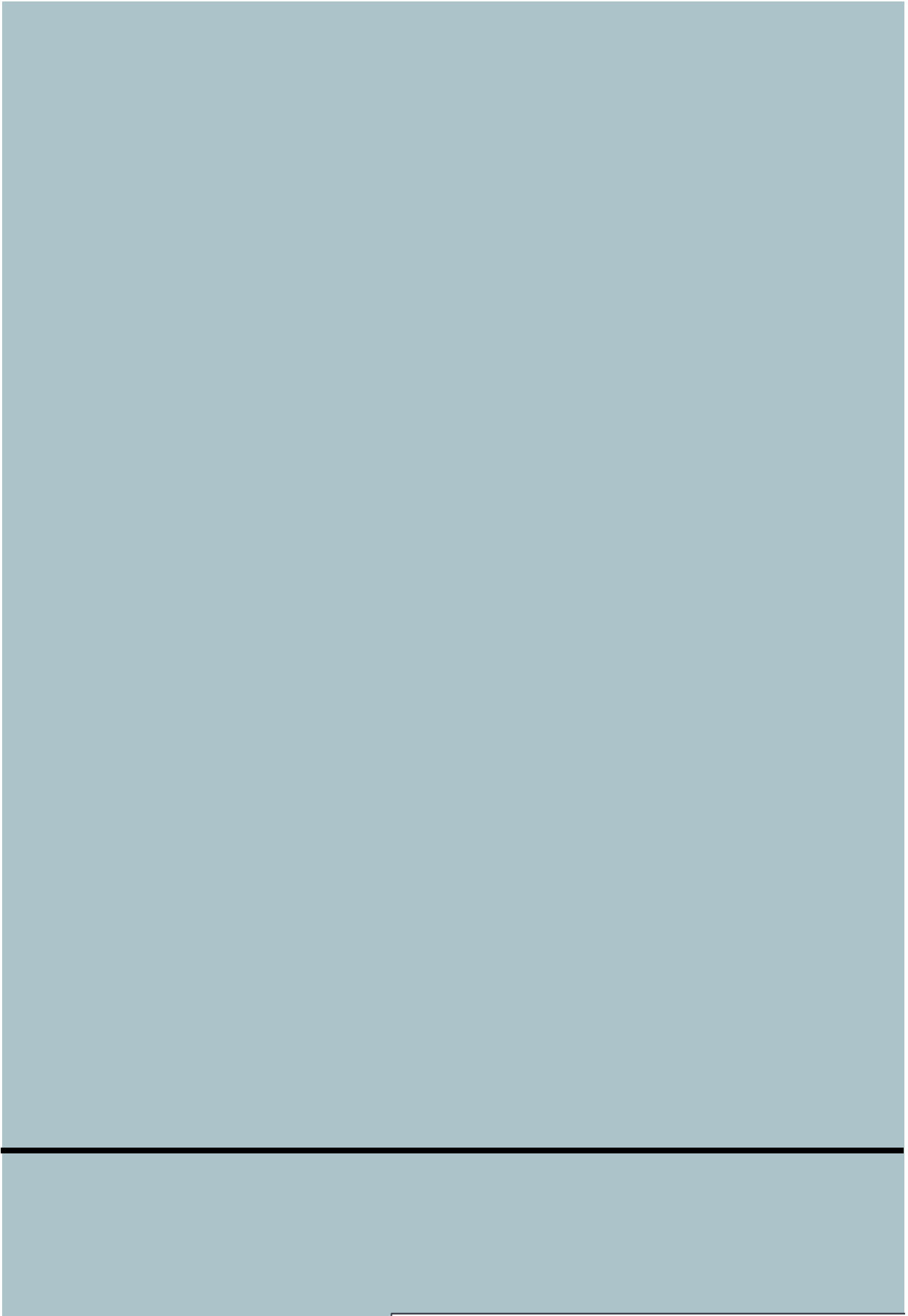






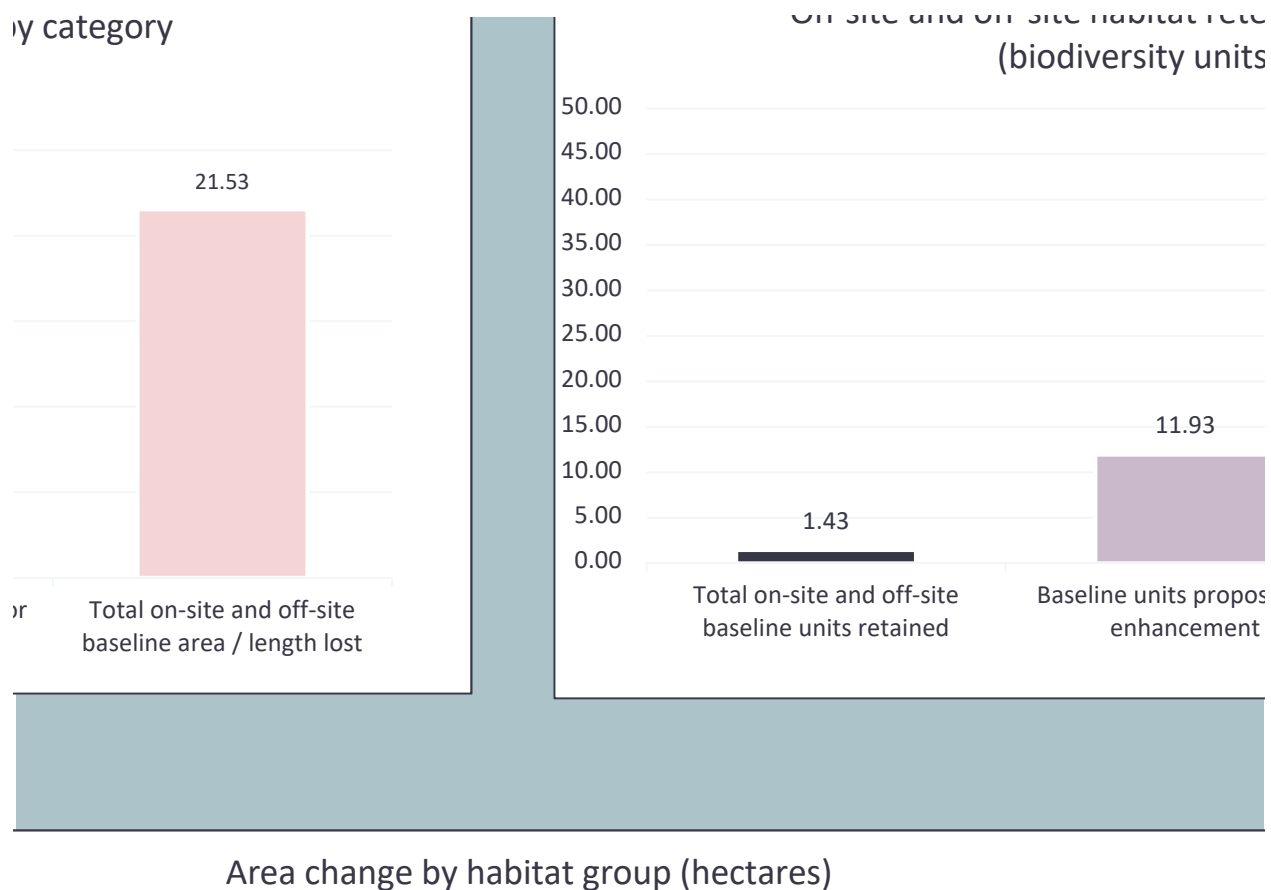


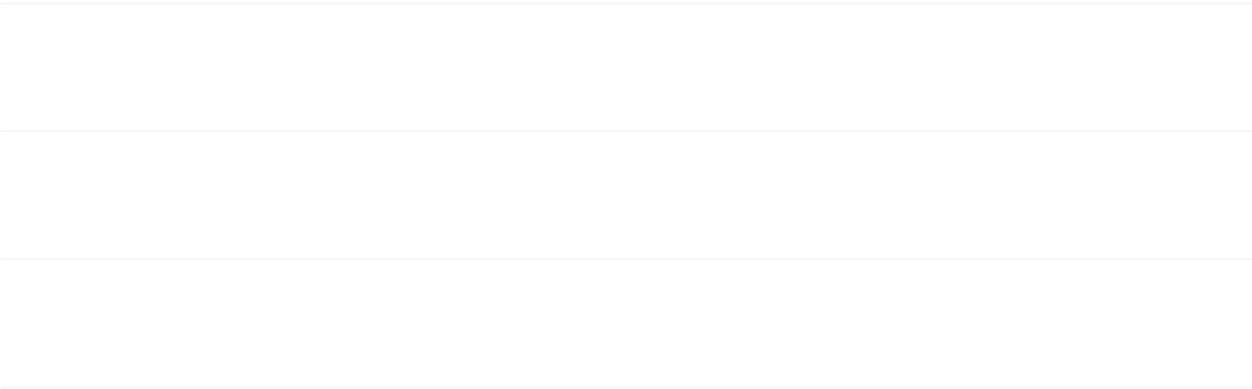




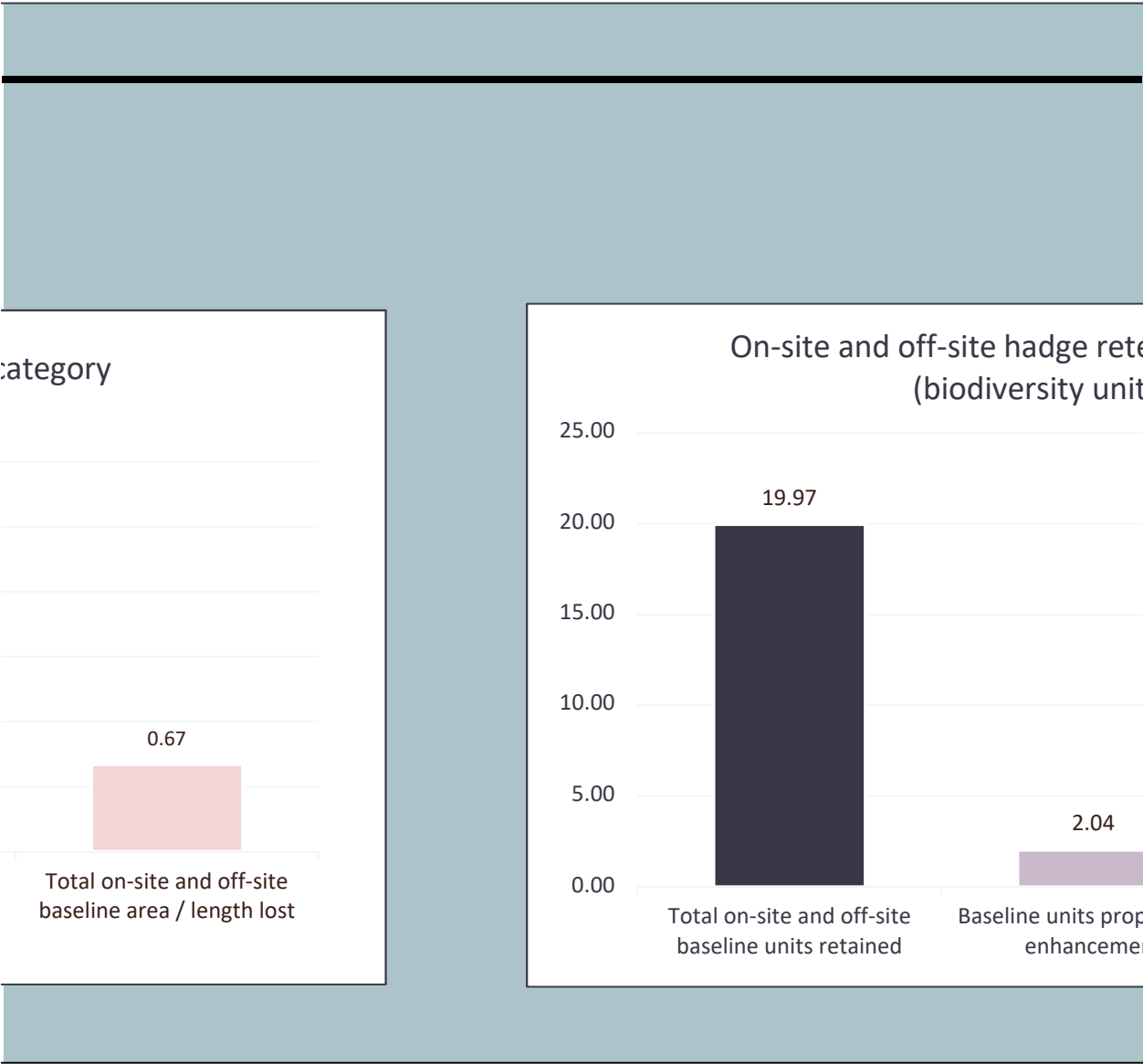
.

On-site and off-site habitat rete

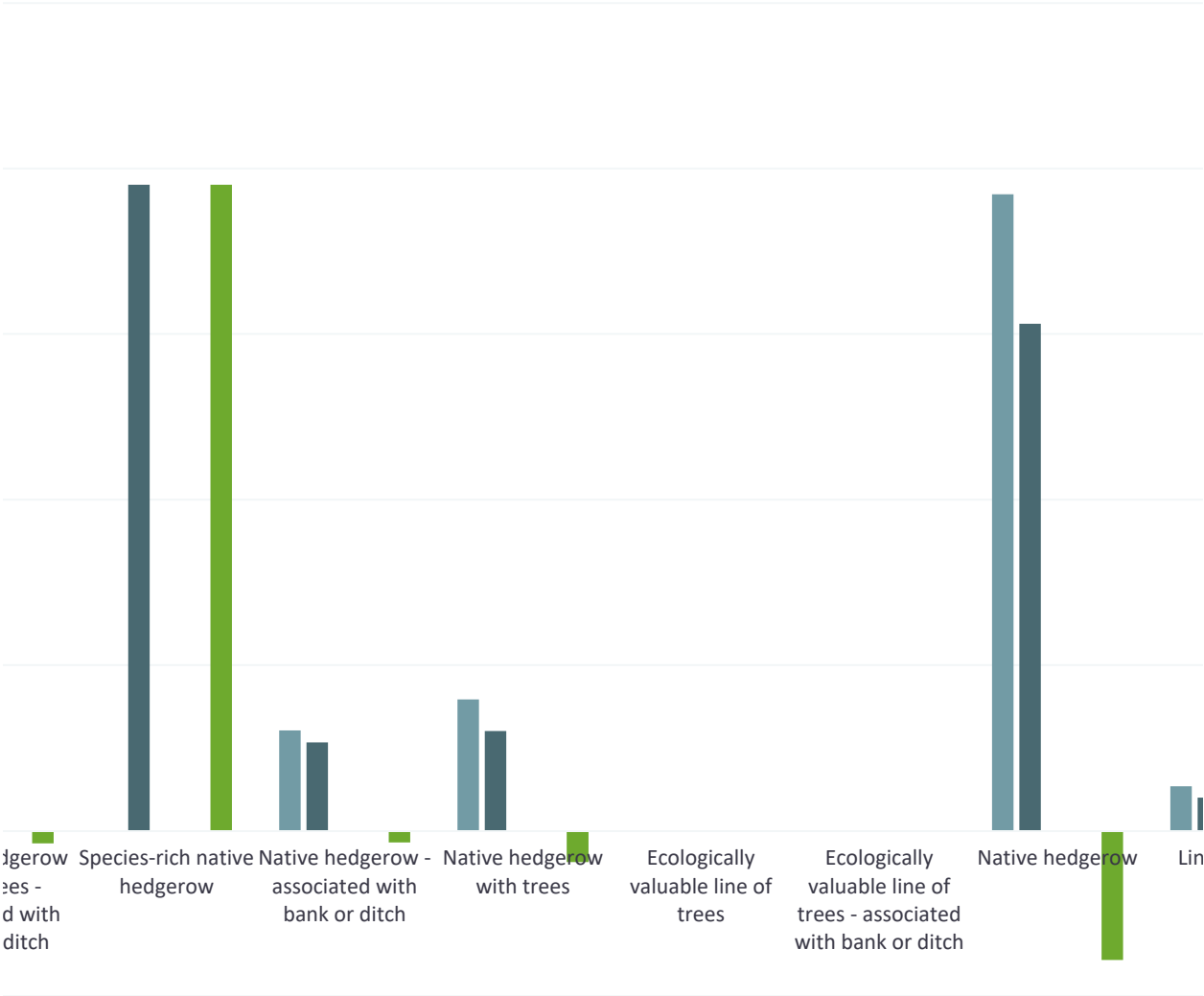




e existing area ■ On-site proposed area ■ Off-site existing area ■ Off-site proposed area ■ Combi

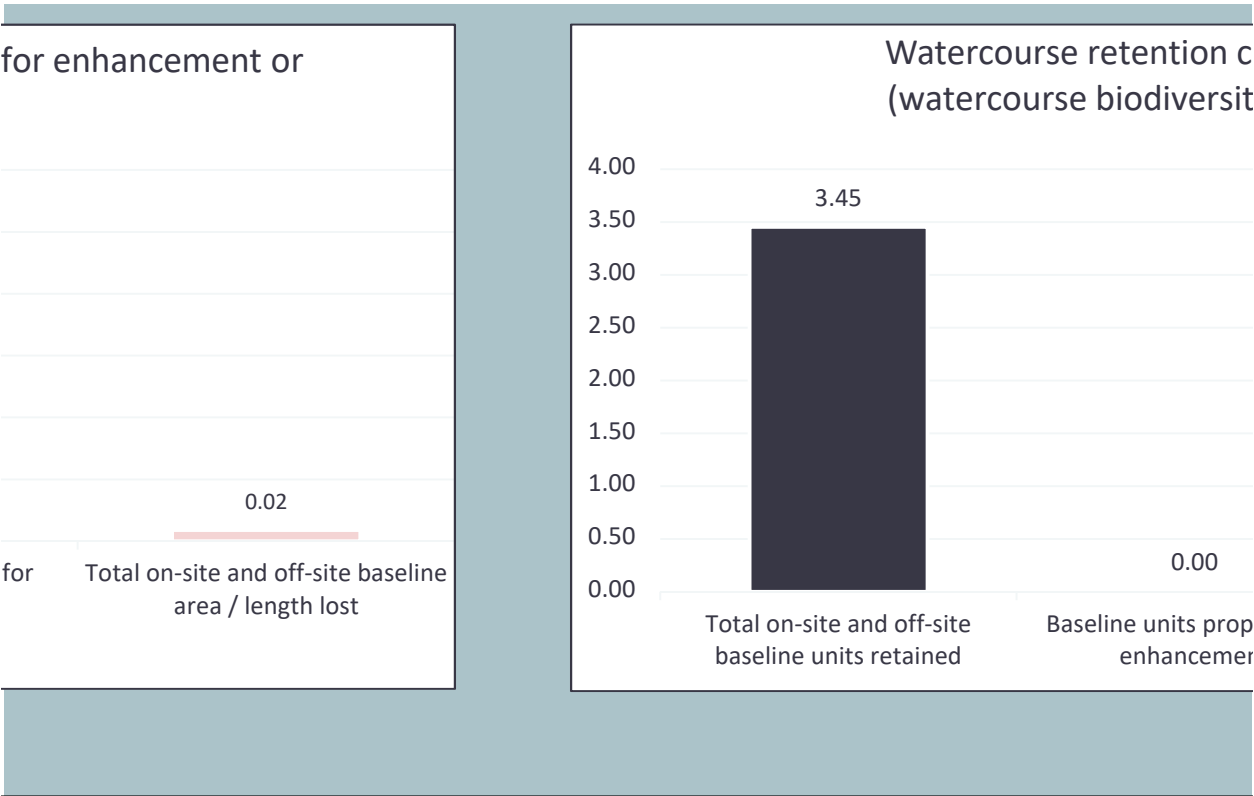


Hedgerow length change (km)



On-site proposed length Off-site proposed length Off-site existing length Combined length





ers and streams

Ditches

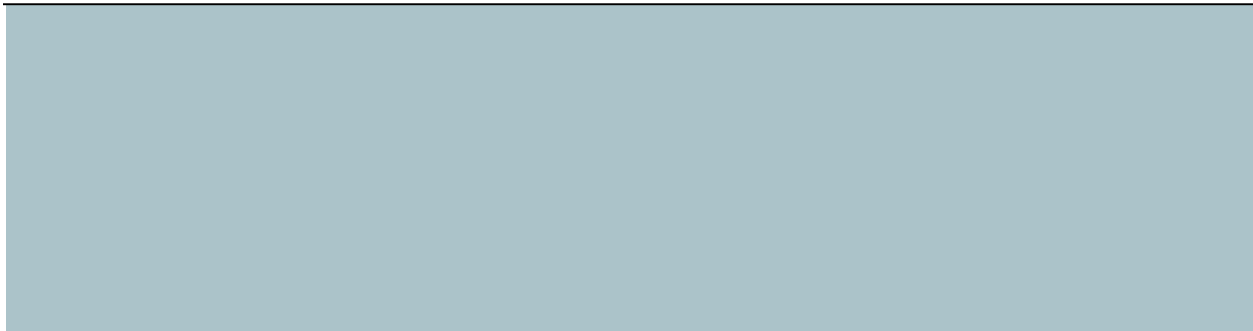
Canals

site proposed length

Off-site existing length

Off-site proposed length

Combined length change





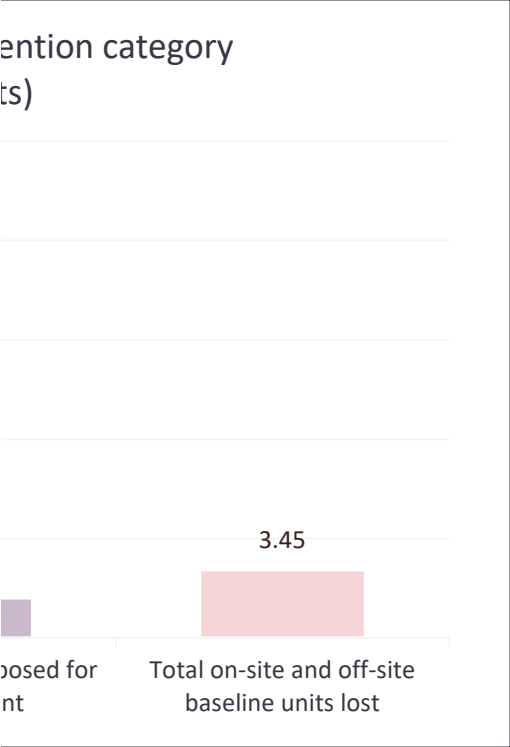
ention category

ation category
s)

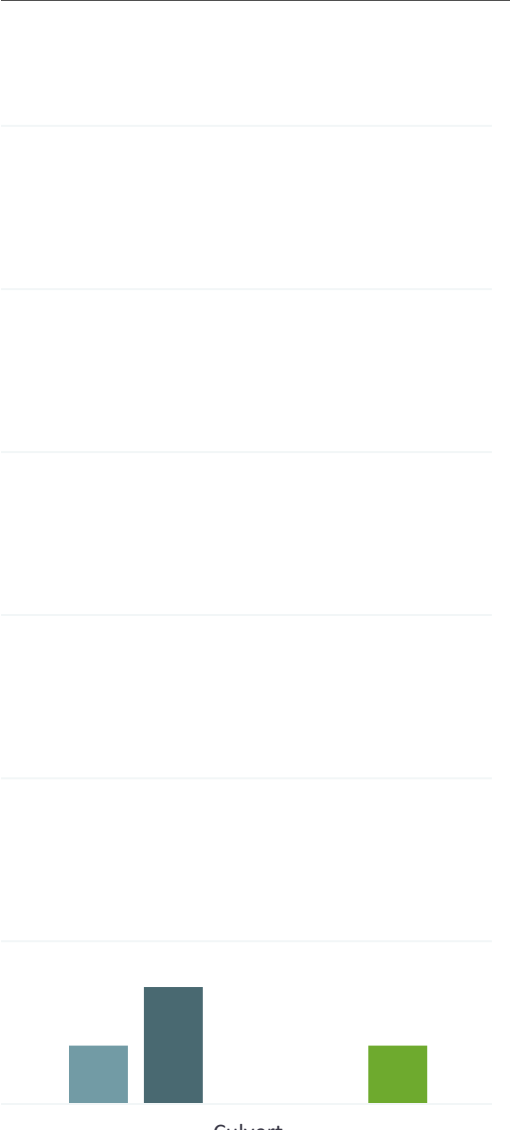


ns Intertidal hard structures Watercourse footprint Individual trees

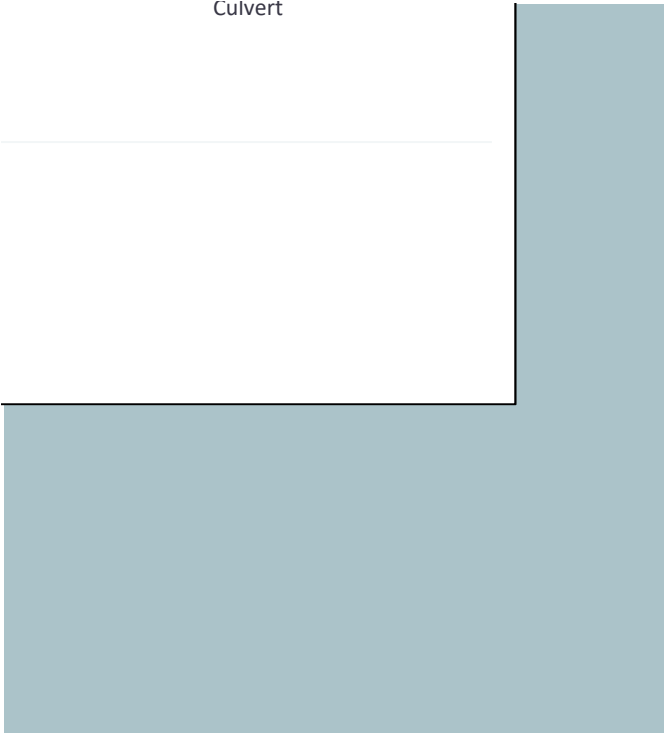
Category	Units Lost
Proposed for removal	0.25
Total on-site and off-site baseline units lost	3.45







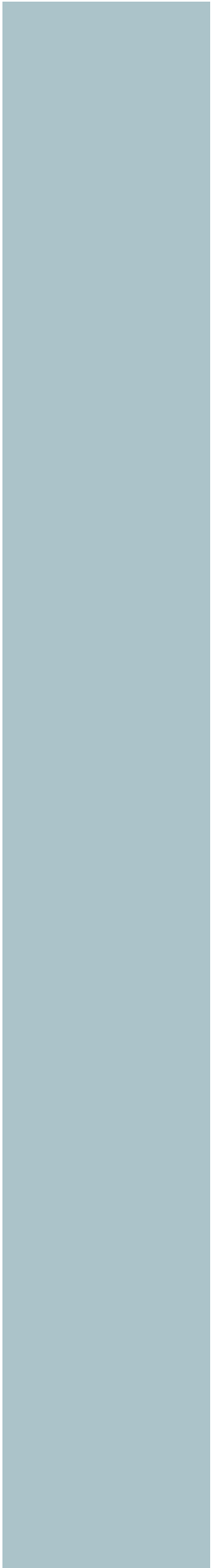
Culvert

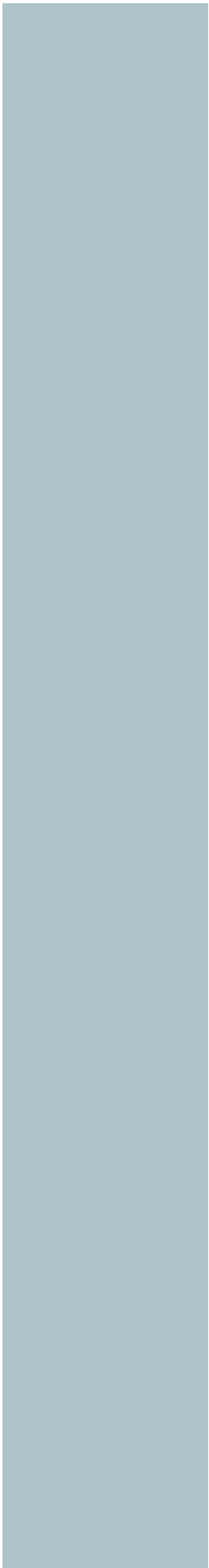


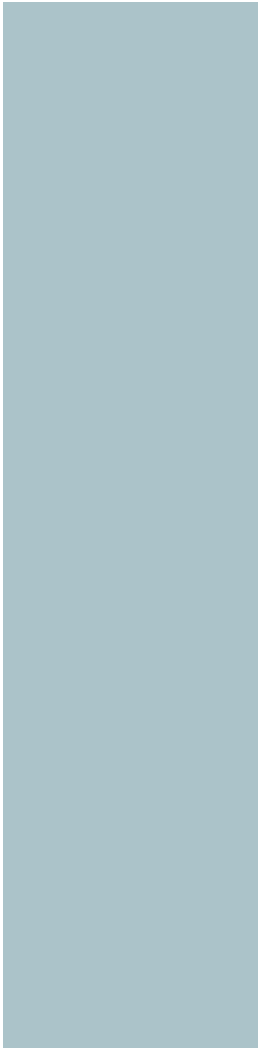
Return to
results
menu

Trading
summary
hedgerows

Trading
summary
Watercourses







Tradin

Distinctiveness Group

Very High

High

Medium

Low

Very High

Habitat group

Grassland - Lowland dry acid grassland

Grassland - Lowland meadows

Grassland - Upland hay meadows

Heathland and shrub - Mountain heaths and willow scrub

Lakes - Aquifer fed naturally fluctuating water bodies

Sparsely vegetated land - Calaminarian grasslands

Sparsely vegetated land - Limestone pavement

Wetland - Blanket bog

Wetland - Depressions on peat substrates (H7150)

Wetland - Fens (upland and lowland)

Wetland - Lowland raised bog

Wetland - Oceanic valley mire[1] (D2.1)

Wetland - Purple moor grass and rush pastures

Wetland - Transition mires and quaking bogs (H7140)

Woodland and forest - Wood-pasture and parkland

Rocky shore - High energy littoral rock - on peat, clay or chalk

Rocky shore - Moderate energy littoral rock - on peat, clay or chalk

Rocky shore - Low energy littoral rock - on peat, clay or chalk

Rocky shore - Features of littoral rock - on peat, clay or chalk

Intertidal sediment - Littoral seagrass on peat, clay or chalk

High Di

Habitat group

Grassland - Traditional orchards

Grassland - Floodplain wetland mosaic and CFGM

Grassland - Lowland calcareous grassland

Grassland - Tall herb communities (H6430)

Grassland - Upland calcareous grassland
Heathland and shrub - Lowland Heathland
Heathland and shrub - Dunes with sea buckthorn (H2160)
Heathland and shrub - Upland heathland
Lakes - High alkalinity lakes
Lakes - Low alkalinity lakes
Lakes - Marl lakes
Lakes - Moderate alkalinity lakes
Lakes - Peat lakes
Lakes - Ponds (priority habitat)
Lakes - Temporary lakes ponds and pools (H3170)
Sparsely vegetated land - Coastal sand dunes
Sparsely vegetated land - Coastal vegetated shingle
Sparsely vegetated land - Inland rock outcrop and scree habitats
Sparsely vegetated land - Maritime cliff and slopes
Urban - Open mosaic habitats on previously developed land
Wetland - Reedbeds
Woodland and forest - Felled
Woodland and forest - Lowland beech and yew woodland
Woodland and forest - Lowland mixed deciduous woodland
Woodland and forest - Native pine woodlands
Woodland and forest - Upland birchwoods
Woodland and forest - Upland mixed ashwoods
Woodland and forest - Upland oakwood
Woodland and forest - Wet woodland
Coastal lagoons - Coastal lagoons
Rocky shore - High energy littoral rock
Rocky shore - Moderate energy littoral rock
Rocky shore - Low energy littoral rock
Rocky shore - Features of littoral rock
Intertidal sediment - Littoral mud
Intertidal sediment - Littoral mixed sediments
Coastal saltmarsh - Saltmarshes and saline reedbeds
Intertidal sediment - Littoral biogenic reefs - Mussels
Intertidal sediment - Littoral biogenic reefs - Sabellaria
Intertidal sediment - Features of littoral sediment
Intertidal sediment - Littoral muddy sand
Intertidal sediment - Littoral seagrass



Medium I

Habitat group
Cropland - Arable field margins cultivated annually
Cropland - Arable field margins game bird mix
Cropland - Arable field margins pollen and nectar

Cropland - Arable field margins tussocky
Grassland - Other lowland acid grassland
Grassland - Other neutral grassland
Grassland - Upland acid grassland
Heathland and shrub - Blackthorn scrub
Heathland and shrub - Bramble scrub
Heathland and shrub - Gorse scrub
Heathland and shrub - Hawthorn scrub
Heathland and shrub - Willow scrub
Heathland and shrub - Hazel scrub
Heathland and shrub - Mixed scrub
Lakes - Ponds (non-priority habitat)
Lakes - Reservoirs
Sparsely vegetated land - Other inland rock and scree
Urban - Cemeteries and churchyards
Urban - Biodiverse green roof
Individual trees - Urban tree
Individual trees - Rural tree
Woodland and forest - Other Scot's pine woodland
Woodland and forest - Other woodland; broadleaved
Woodland and forest - Other woodland; mixed
Intertidal sediment - Littoral coarse sediment
Intertidal sediment - Littoral sand
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI)



Low Distinctivene

Habitat group
Cropland - Cereal crops
Cropland - Horticulture
Cropland - Intensive orchards
Cropland - Non-cereal crops
Cropland - Temporary grass and clover leys
Cropland - Winter stubble
Grassland - Modified grassland
Grassland - Bracken
Heathland and shrub - Rhododendron scrub
Lakes - Ornamental lake or pond
Sparsely vegetated land - Ruderal/ephemeral
Sparsely vegetated land - Tall forbs
Urban - Bioswale
Urban - Bare ground
Urban - Allotments

Urban - Facade-bound green wall
Urban - Ground based green wall
Urban - Ground level planters
Urban - Other green roof
Urban - Intensive green roof
Urban - Introduced shrub
Urban - Rain garden
Urban - Actively worked sand pit quarry or open cast mine
Urban - Sustainable drainage system
Urban - Vacant or derelict land
Urban - Vegetated garden
Woodland and forest - Other coniferous woodland
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds
Intertidal sediment - Artificial littoral coarse sediment
Intertidal sediment - Artificial littoral mud
Intertidal sediment - Artificial littoral sand
Intertidal sediment - Artificial littoral muddy sand
Intertidal sediment - Artificial littoral mixed sediments
Intertidal sediment - Artificial littoral seagrass
Intertidal sediment - Artificial littoral biogenic reefs
Intertidal hard structures - Artificial hard structures
Intertidal hard structures - Artificial features of hard structures
Heathland and shrub - Other sea buckthorn scrub



g Summary			
Trading Rule			
Bespoke compensation likely to be required ✕			
Same habitat required =			
Same broad habitat or a higher distinctiveness habitat required (≥)			
Same distinctiveness or better habitat required ≥			

Distinctiveness			
Group	On-site unit change	Off-site unit change	Project-wide unit change
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
	0.00	0.00	0.00

stinctiveness			
Group	On-site unit change	Off-site unit change	Project-wide unit change
Grassland	0.91	0.00	0.91
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00

Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
	0.91	0.00	0.91

Distinctiveness

Group	On-site unit change	Off-site unit change	Project wide unit change
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00

Cropland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	25.35	0.00	25.35
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	-0.24	0.00	-0.24
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	6.98	0.00	6.98
Lakes	-0.03	0.00	-0.03
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Individual trees	3.21	0.00	3.21
Individual trees	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00
	35.28	0.00	35.28

SS

Group	On-site unit change	Off-site unit change	Project wide unit change
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Grassland	-31.14	0.00	-31.14
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	-0.29	0.00	-0.29
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	-0.61	0.00	-0.61
Urban	0.00	0.00	0.00

Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.45	0.00	0.45
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	2.40	0.00	2.40
Urban	0.00	0.00	0.00
Urban	6.18	0.00	6.18
Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
	-23.02		-23.02



Trading Satisfied?
Yes ✓
Yes ✓
Yes ✓
Yes ✓

Unit losses
0.00

Very High Distinctiveness Summary
Very High Distinctiveness Units available to offset lower distinctiveness deficit

Losses not yet accounted for

High Distinctiveness Summary
High Distinctiveness Units available to offset lower distinctiveness deficit
Unit Deficit; Like for like not satisfied

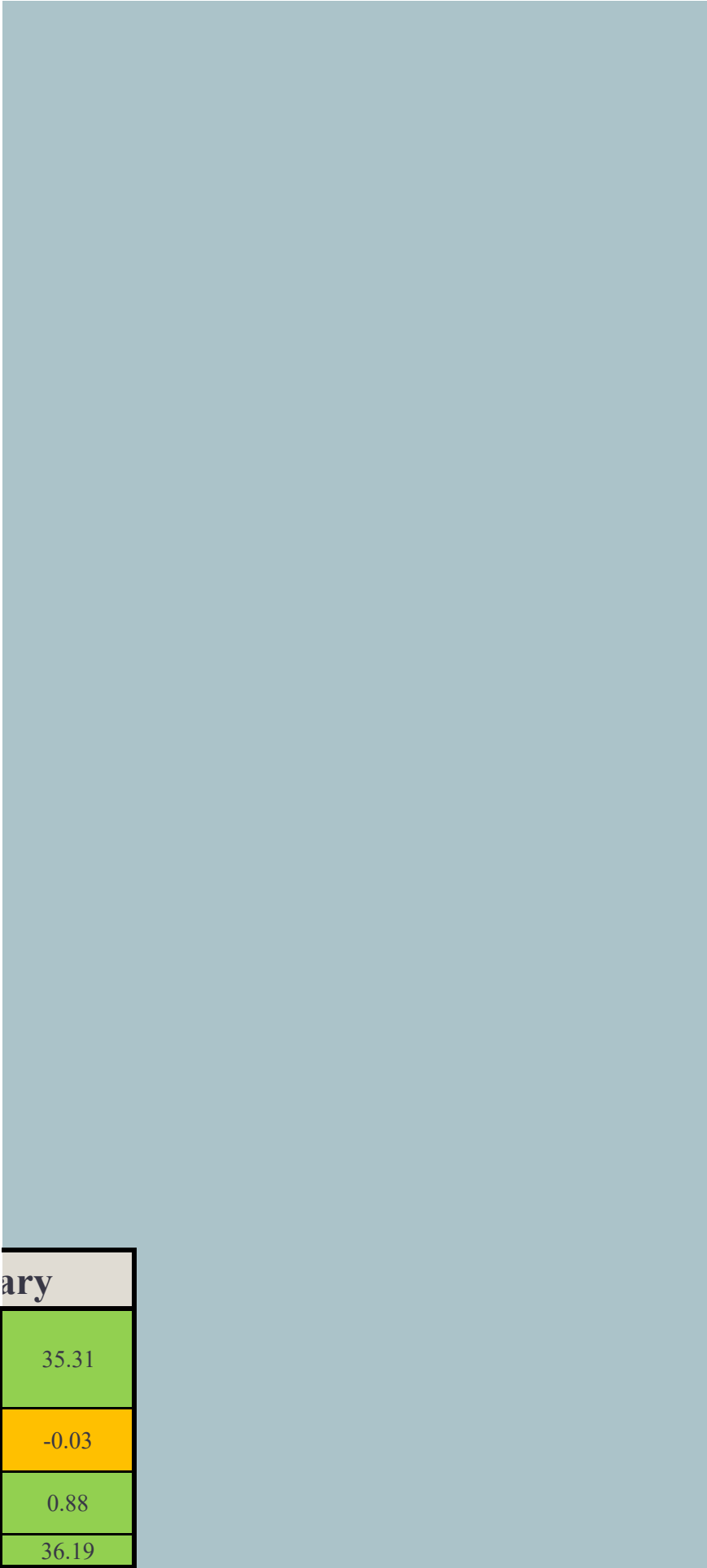
25.35
6.74
-0.03
0.00
0.00
3.21
0.00
0.00

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



ary
0.00

y
0.91
0.00



ary
35.31
-0.03
0.88
36.19

y

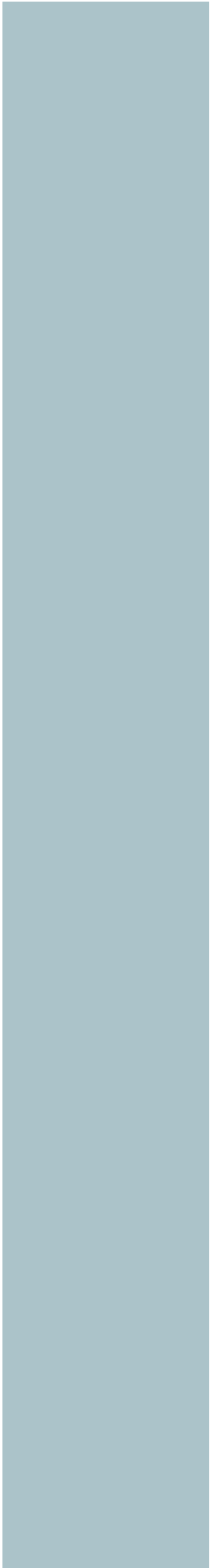
-23.02
13.18

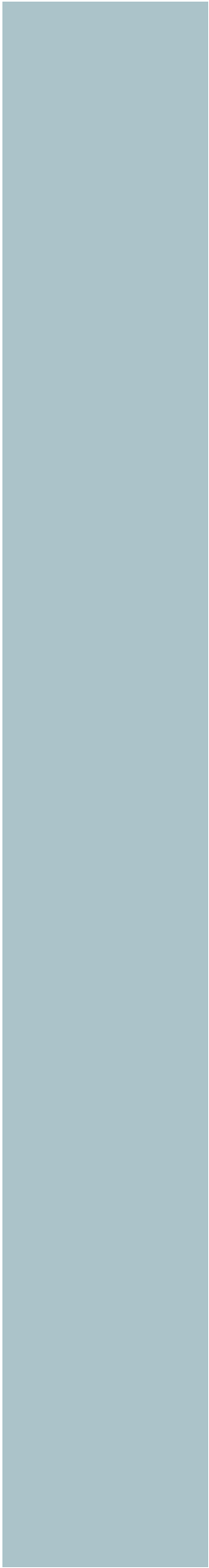


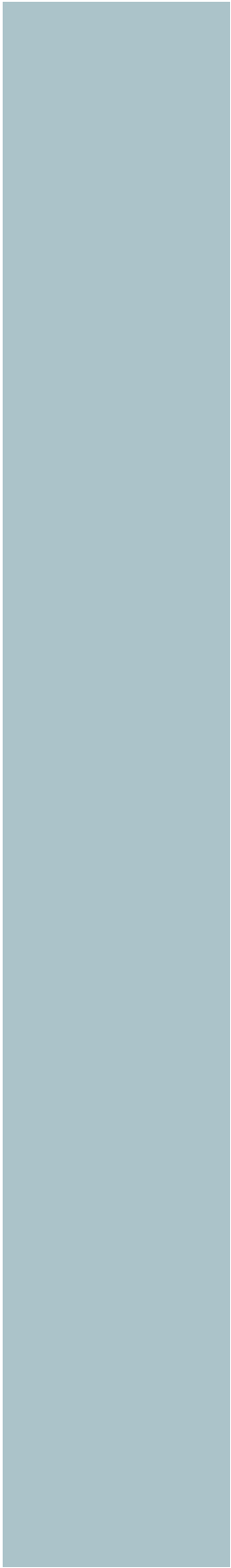
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Trading
summary Area
Habitats

Trading
summary
Watercourses







Distinctiveness Group
Very High
High
Medium
Low/Very Low
Very High Distinctiveness
Habitat group
Species-rich native hedgerow with trees - associated with bank or ditch
High Distinctiveness
Habitat group
Species-rich native hedgerow with trees
Species-rich native hedgerow - associated with bank or ditch
Native hedgerow with trees - associated with bank or ditch
Medium Distinctiveness
Habitat group
Species-rich native hedgerow
Native hedgerow - associated with bank or ditch

Native hedgerow with trees
Ecologically valuable line of trees
Ecologically valuable line of trees - associated with bank or ditch



Low/Very Low Distinctiveness

Habitat group

Native hedgerow

Line of trees

Line of trees - associated with bank or ditch

Non-native and ornamental hedgerow







Trading Summary

Trading Rule

Same habitat required =

Like for like or better

Same distinctiveness or better habitat required

Same distinctiveness or better habitat required

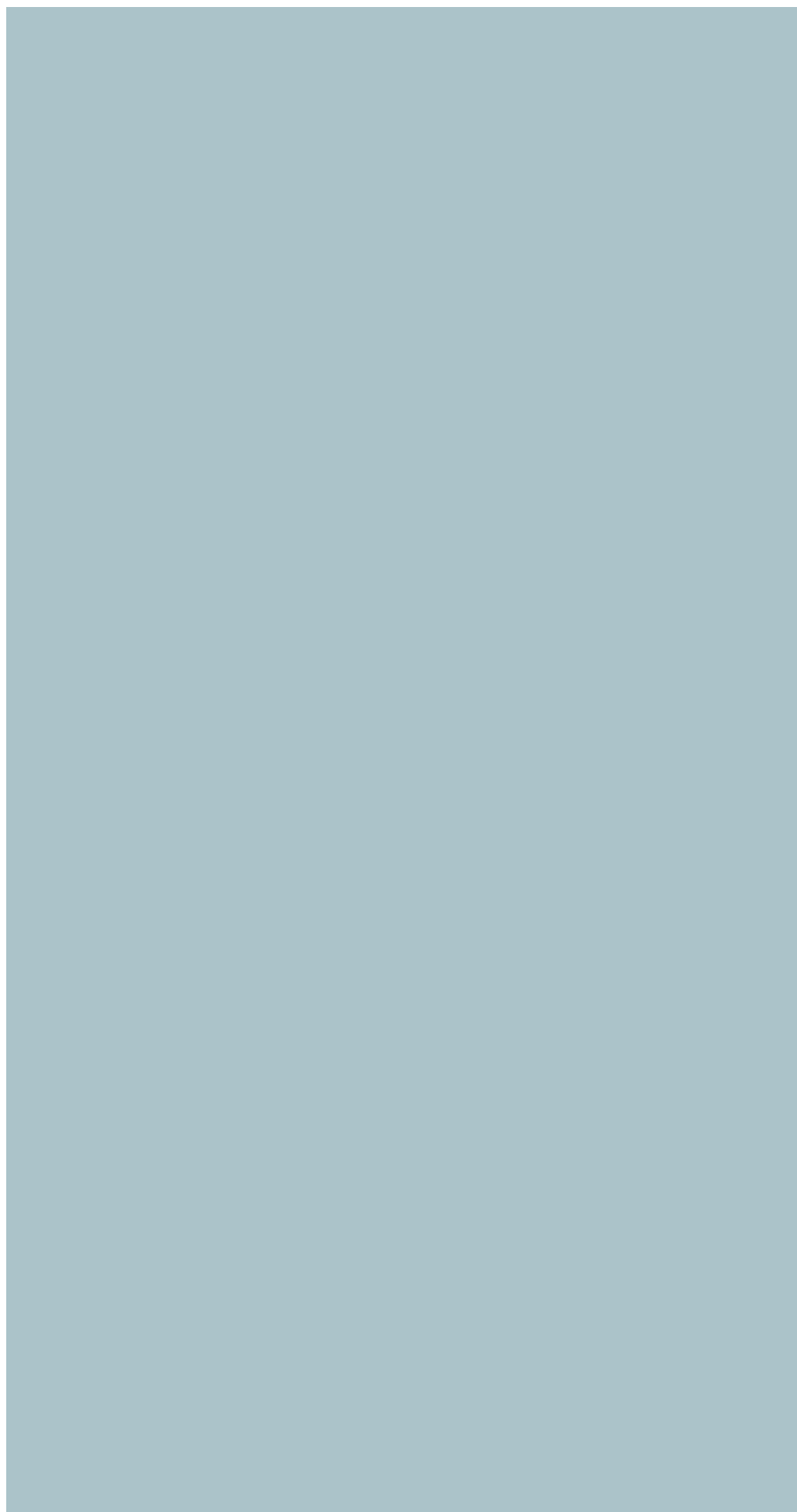
On-site unit change	Off-site unit change	Project-wide unit change
0.00	0.00	0.00
0.00	0.00	0.00

On-site unit change	Off-site unit change	Project wide unit change
0.40	0.00	0.40
0.00	0.00	0.00
0.20	0.00	0.20
0.60	0.00	0.60

On-site unit change	Off-site unit change	Project wide unit change
13.06	0.00	13.06
-0.29	0.00	-0.29

-0.76	0.00	-0.76
0.00	0.00	0.00
0.00	0.00	0.00
12.93	0.00	12.93

On-site unit change	Off-site unit change	Project wide unit change
-1.50	0.00	-1.50
-0.14	0.00	-0.14
0.00	0.00	0.00
1.78	0.00	1.78
0.14	0.00	0.14





Trading Satisfied?
Yes ✓
Yes ✓
Yes ✓
Yes ✓

--

Very High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit; Like for like not satisfied	0.00

--

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.60
Unit Deficit; Like for like or better not satisfied	0.00

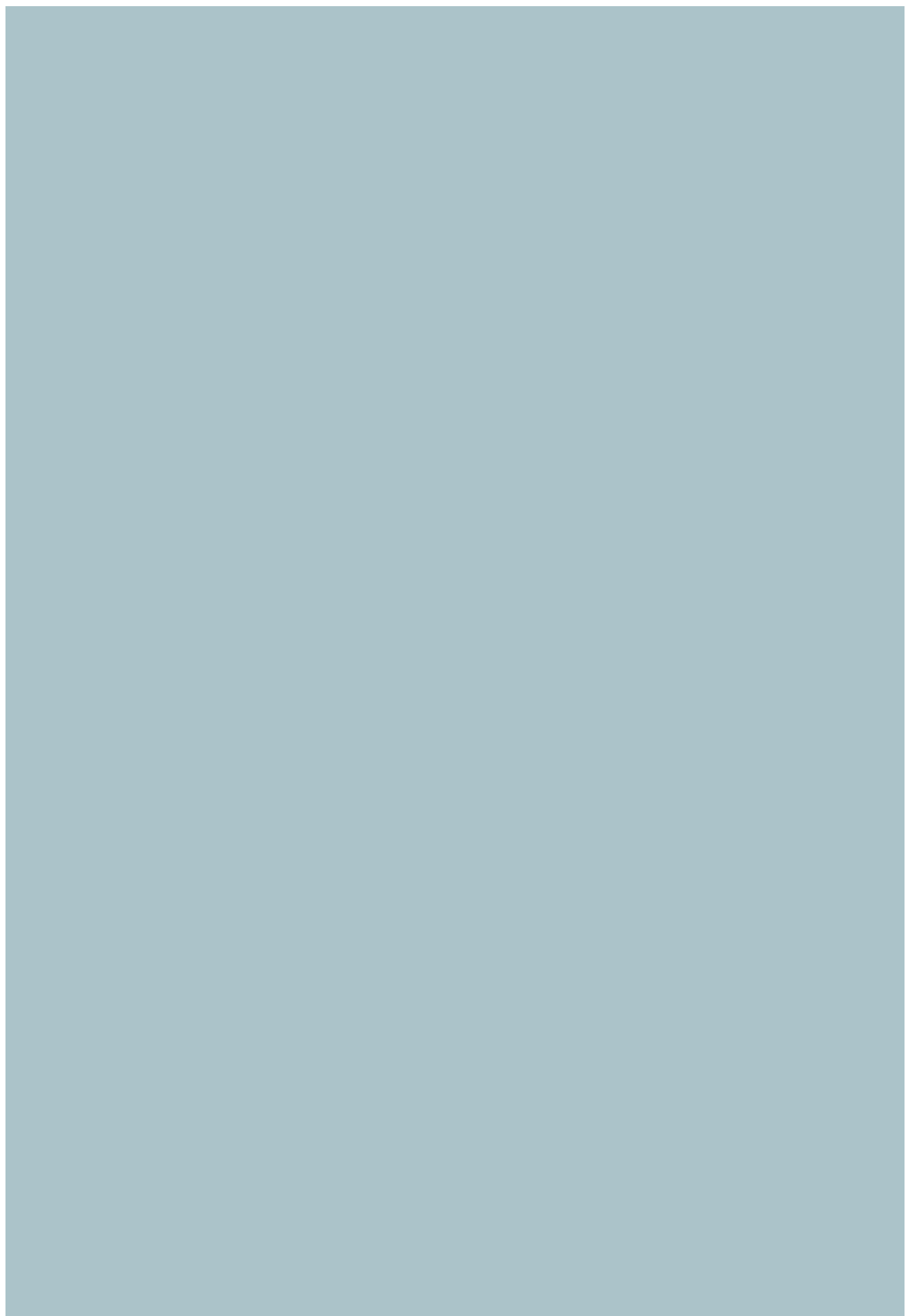
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Medium Distinctiveness Summary	
Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	12.93
Cumulative availability of units	12.93

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.14
Cumulative availability of units	13.07

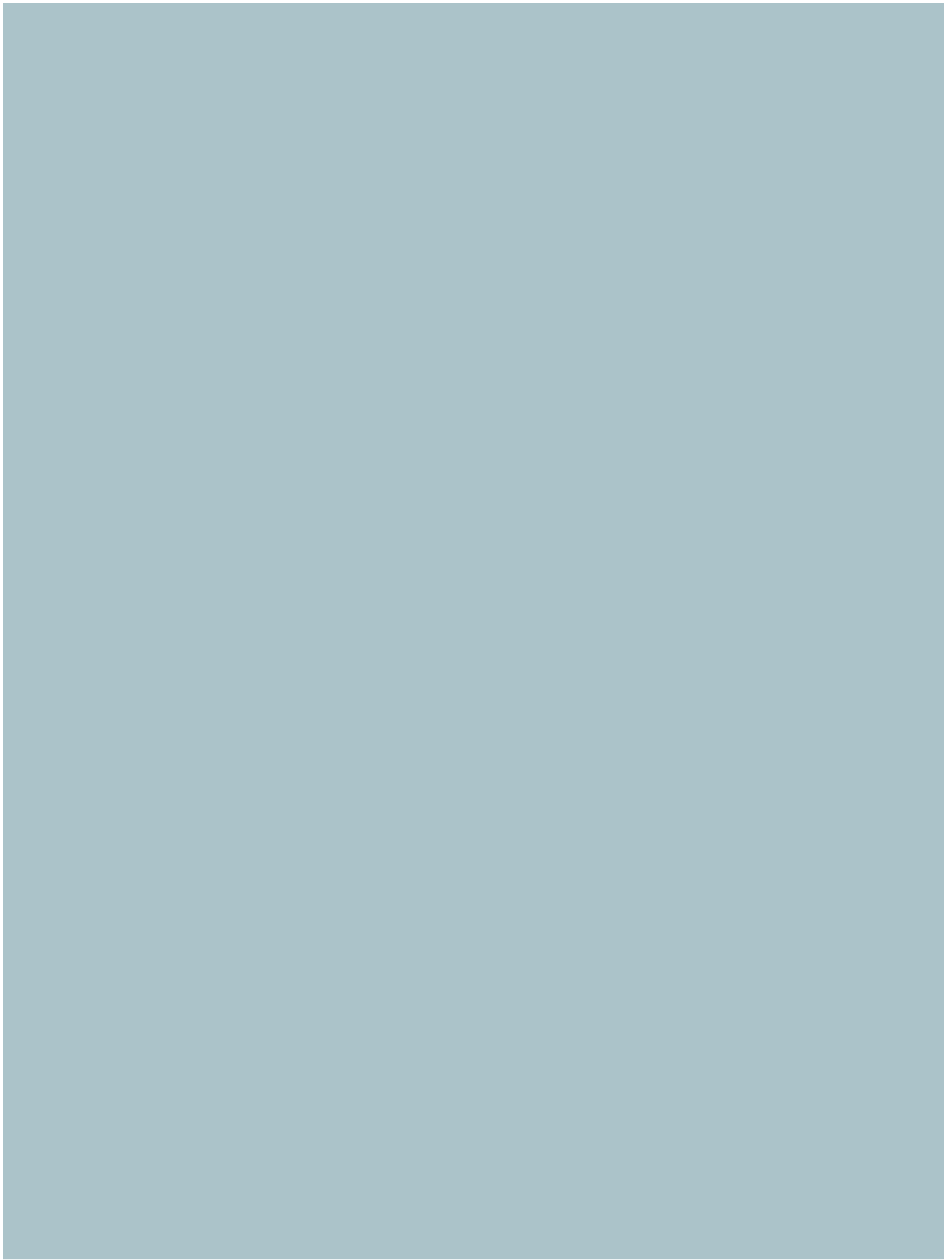


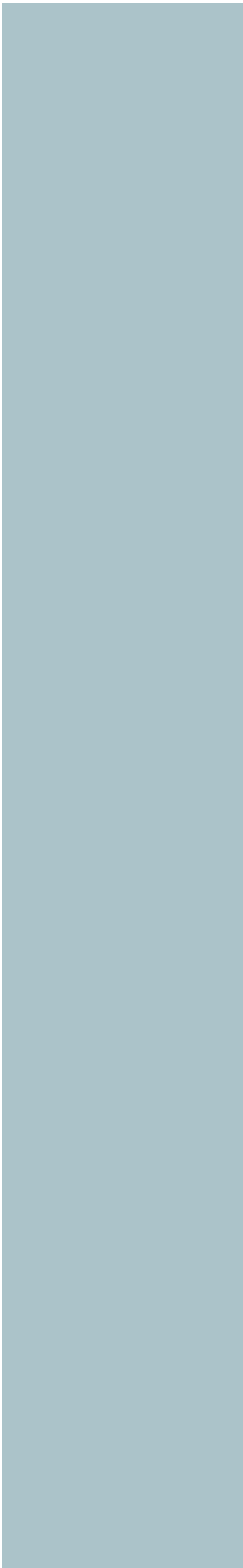


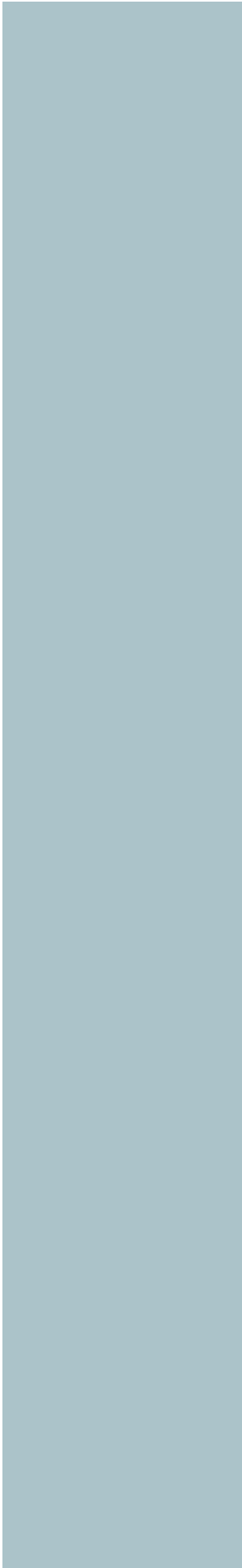


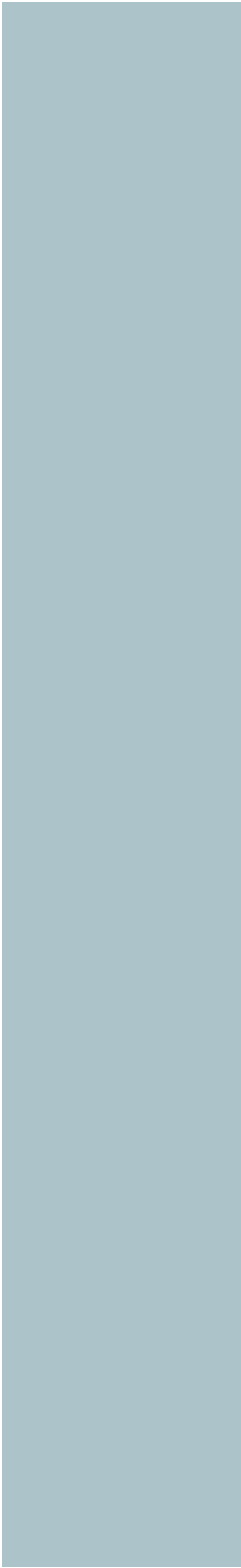








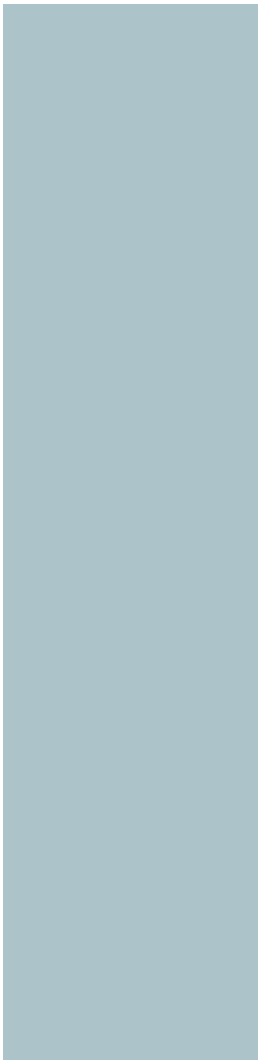




Return to
results
menu

Trading
summary Area
Habitats

Trading
summary
hedgerows



Distinctiveness Group

Very High

High

Medium

Low

Very High Distinctiveness

Habitat group

Priority habitat

High Distinctiveness

Habitat group

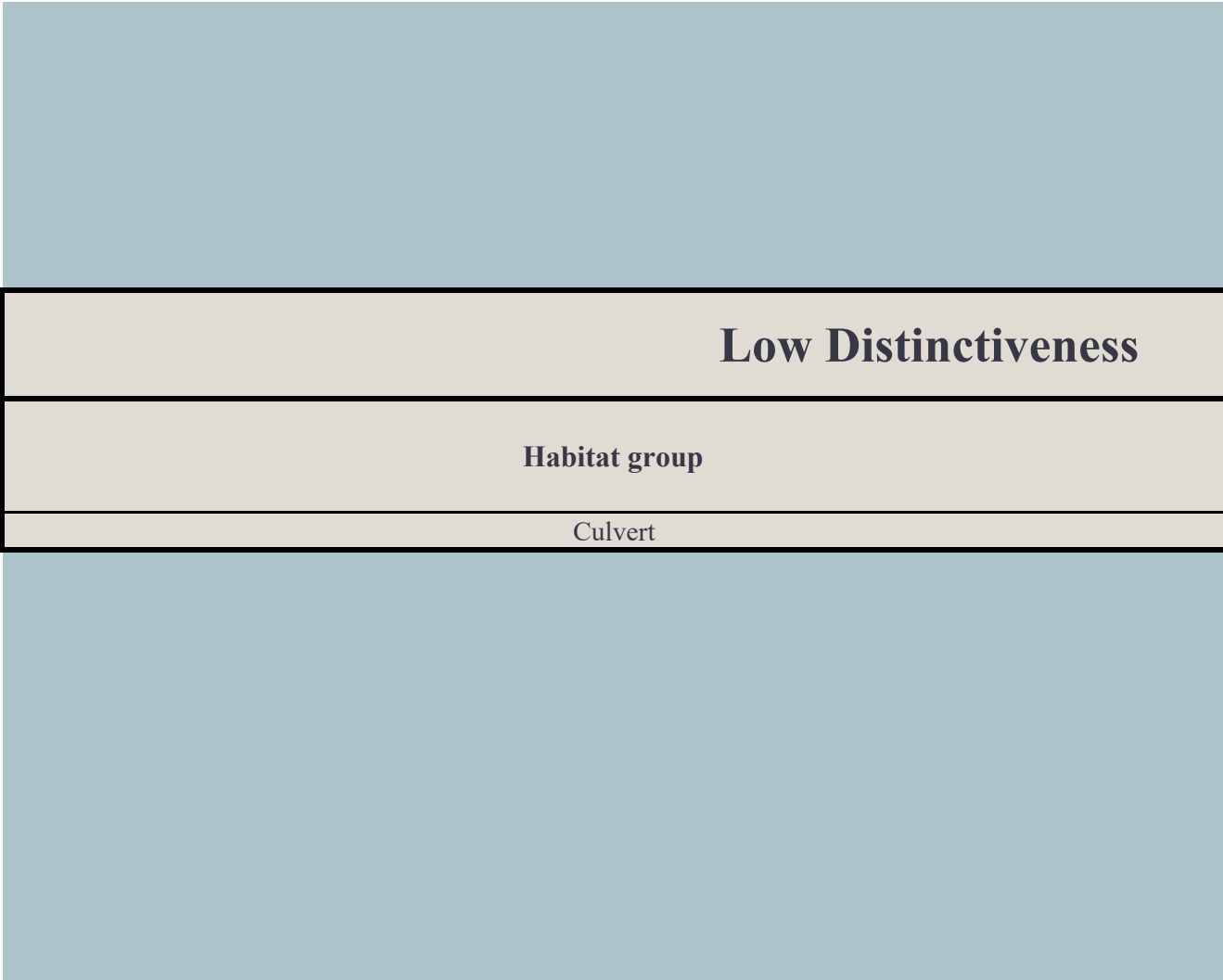
Other rivers and streams

Medium Distinctiveness

Habitat group

Ditches

Canals



Low Distinctiveness

Habitat group

Culvert

Trading Summary		
Trading Rule		
Bespoke compensation likely to be required ✂		
Same habitat required =		
Same habitat required =		
Better distinctiveness habitat required		
On-site unit change	Off-site unit change	Project-wide unit change
0.00	0.00	0.00
0.00	0.00	0.00
On-site unit change	Off-site unit change	Project-wide unit change
-0.08	0.00	-0.08
-0.08	0.00	-0.08
On-site unit change	Off-site unit change	Project wide unit change
-0.04	0.00	-0.04
0.00	0.00	0.00

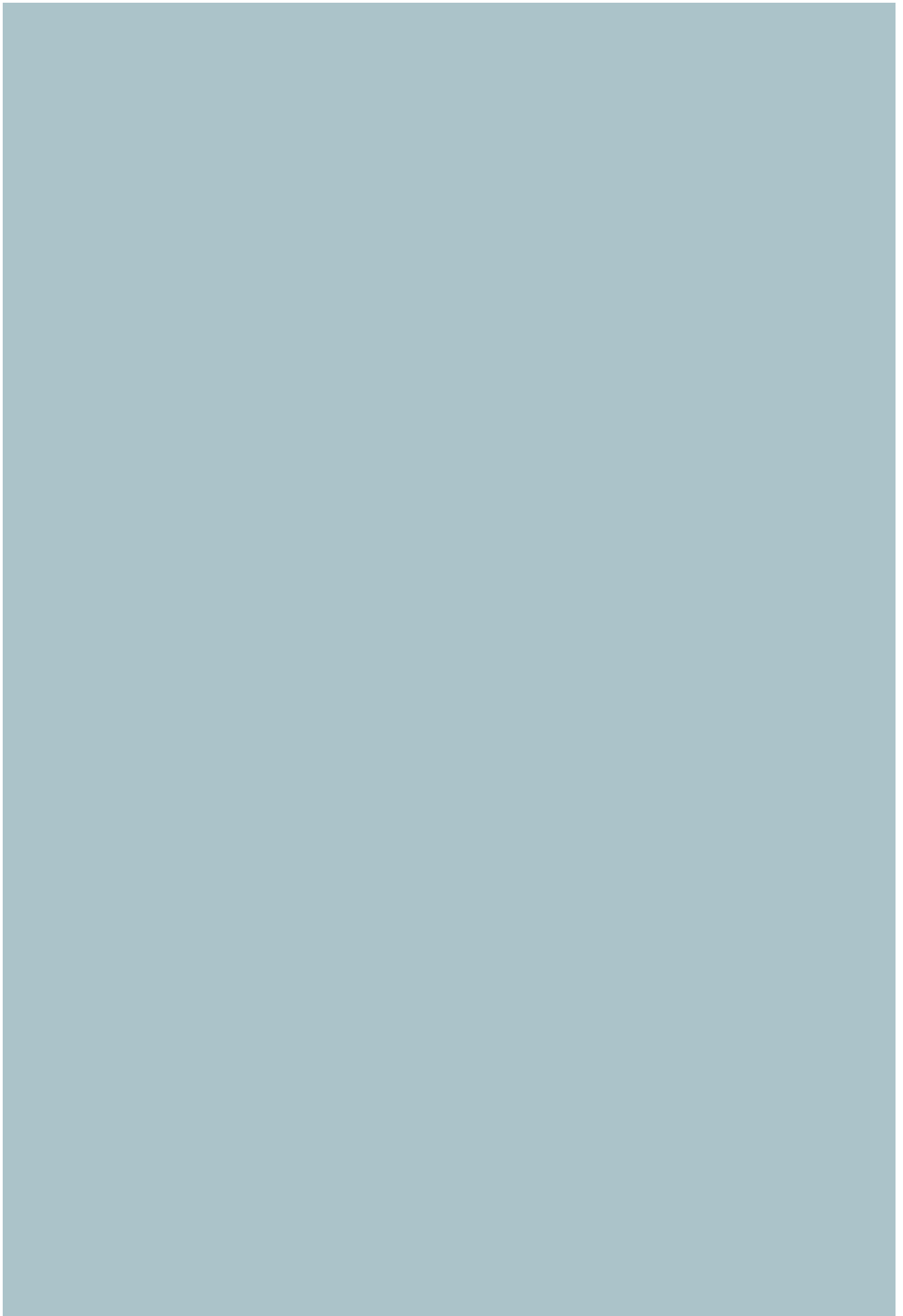
-0.04	0.00	-0.04
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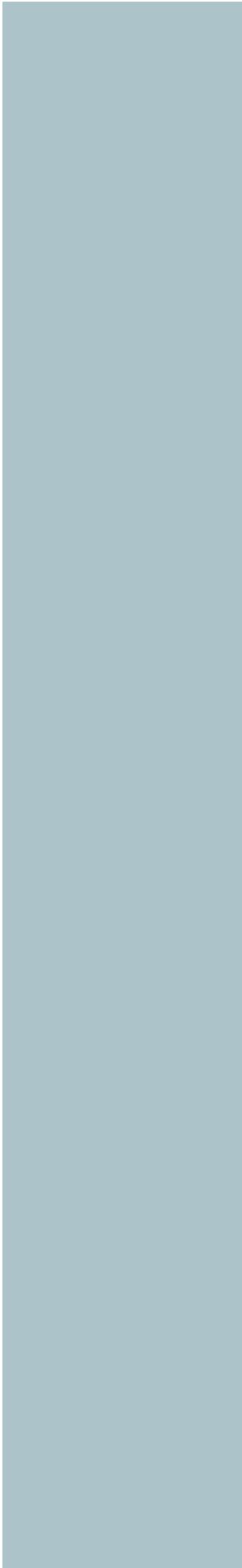
On-site unit change	Off-site unit change	Project wide unit change
0.00	0.00	0.00
0.00	0.00	0.00

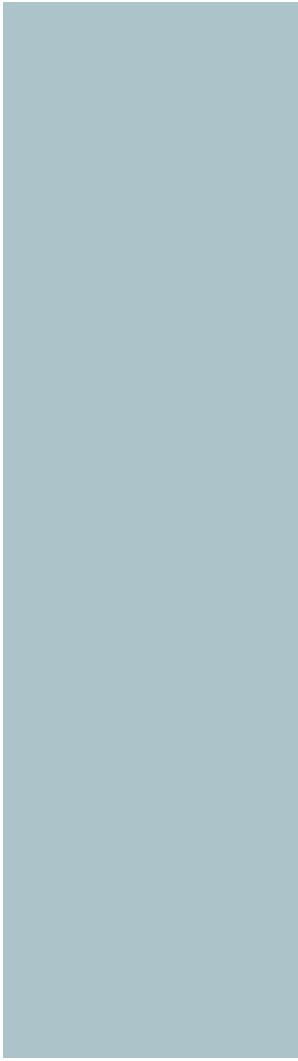
Trading Satisfied?	
Yes ✓	
No ▲	
No ▲	
Yes ✓	
Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit; Like for like not satisfied	-0.08
Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Unit Deficit; Like for like not satisfied	-0.04

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









Project N	
Condense / Show C	
Main Menu	
Ref	Broad Habitat
1	Grassland
2	Grassland
3	Grassland
4	Grassland
5	Grassland
6	Heathland and shrub
7	Heathland and shrub
8	Lakes
9	Lakes
10	Sparsely vegetated land
11	Urban
12	Urban
13	Urban
14	Individual trees
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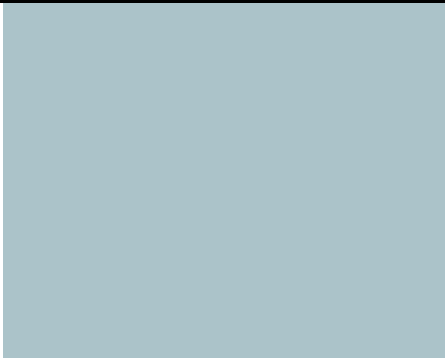
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name: Land South of Burbage Map Reference:

A-1 On-Site Habitat Baseline

Columns

Condense / Show Rows

Instructions

Existing area habitats

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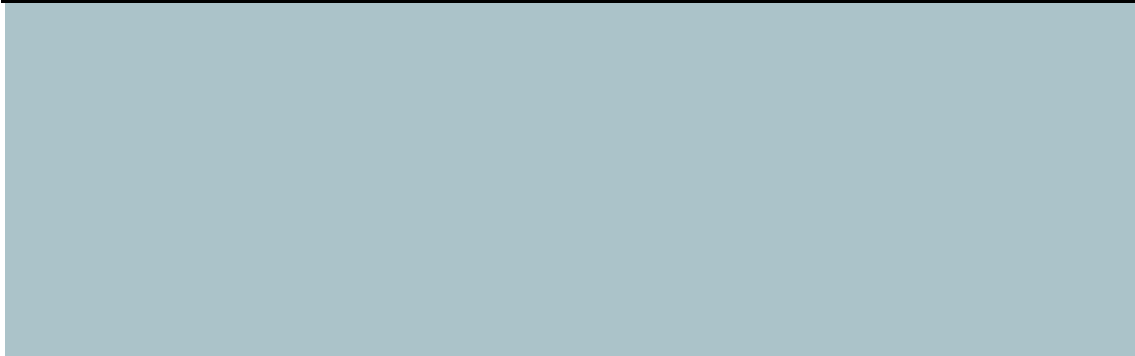
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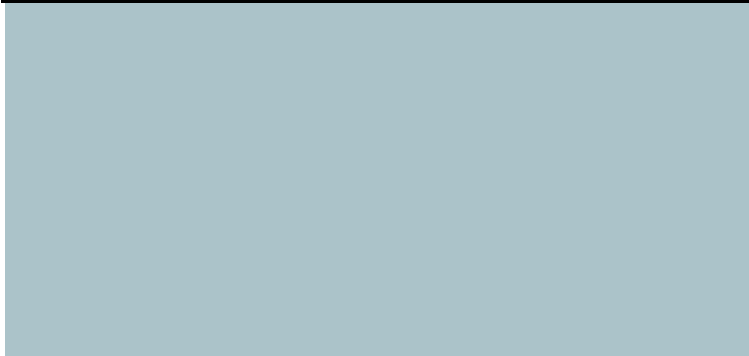
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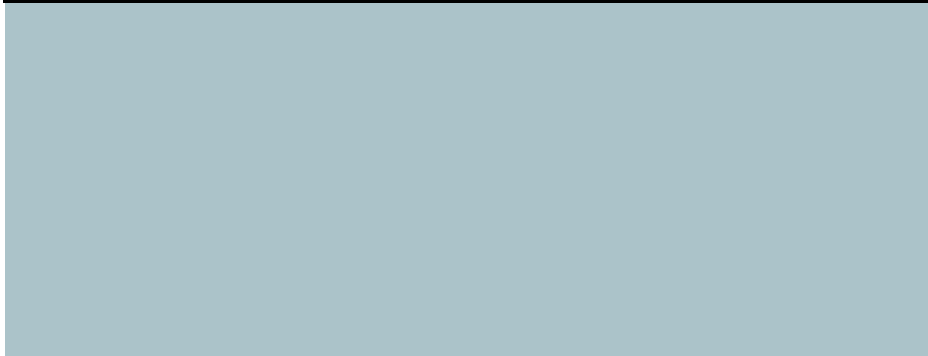
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Project

Condense / Sh

Main M

Broad Habitat

Grassland

Grassland

Grassland

Grassland

Heathland and shrub

Urban

Urban

Urban

Urban

Urban

Individual trees

Urban

Urban

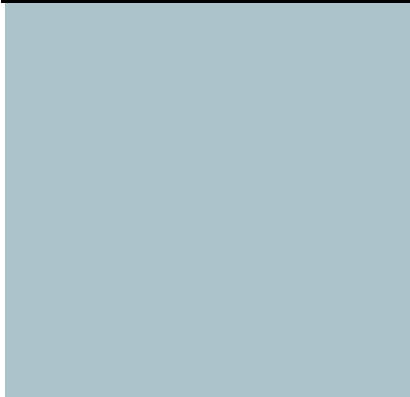
Urban

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Name: Land South of Burbage Map Reference:

A-2 On-Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

Instructions

Proposed habitat

Modified grassland

Modified grassland

Modified grassland

Other neutral grassland

Mixed scrub

Built linear features

Developed land; sealed surface

Introduced shrub

Sustainable drainage system

Vegetated garden

Urban tree

Developed land; sealed surface

Vegetated garden

Developed land; sealed surface

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Project Name: Land South of Burbage Map Reference:

A-3 On-Site Habitat Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

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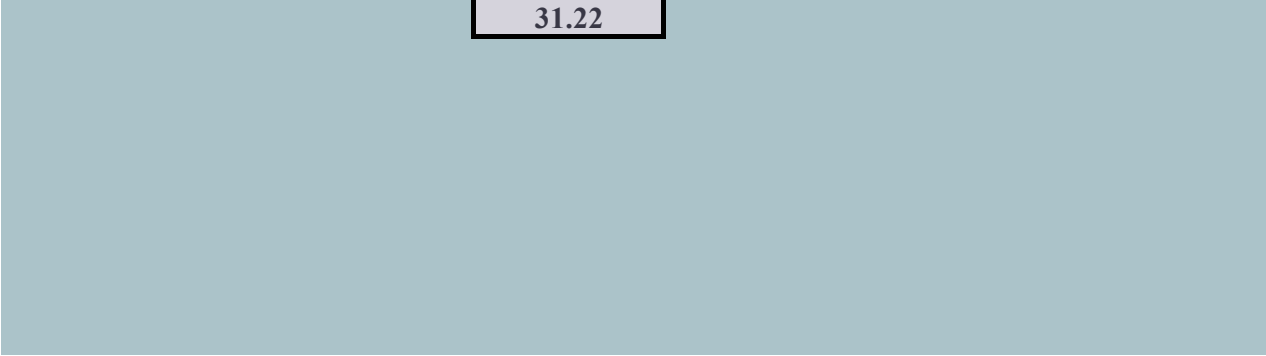
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Documents

Consenting body comments

**GIS reference
number**

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Project Name

Condense / Show Columns

Main Menu

Baseline ref	Hedge number
1	H1
2	H2
3	H3
4	H4
5	H5
6	H6
7	H7
8	H8
9	H9
10	H10
11	H11
12	H12
13	H13
14	H14
15	H15
16	H16
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19	H19
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22	H22
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26	H26
27	H27
28	H28
29	TL1
30	TL2
31	TL3
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ne: Land South of Burbage Map Reference:

B-1 On-Site Hedge Baseline

Columns

Condense / Show Rows

Instructions

Existing hedgerow habitats	
Hedgerow type	Length (km)
Native hedgerow with trees - associated with bank or ditch	0.085
Native hedgerow with trees - associated with bank or ditch	0.157
Native hedgerow with trees - associated with bank or ditch	0.073
Native hedgerow with trees - associated with bank or ditch	0.093
Native Hedgerow	0.024
Native Hedgerow	0.195
Native Hedgerow	0.078
Native hedgerow with trees - associated with bank or ditch	0.17
Native hedgerow - associated with bank or ditch	0.109
Native hedgerow - associated with bank or ditch	0.129
Native hedgerow - associated with bank or ditch	0.065
Species-rich native hedgerow with trees	0.179
Native hedgerow with trees	0.095
Native Hedgerow with trees	0.077
Native Hedgerow	0.017
Native Hedgerow	0.102
Native Hedgerow	0.127
Native Hedgerow	0.116
Native Hedgerow	0.206
Native Hedgerow	0.087
Native Hedgerow	0.189

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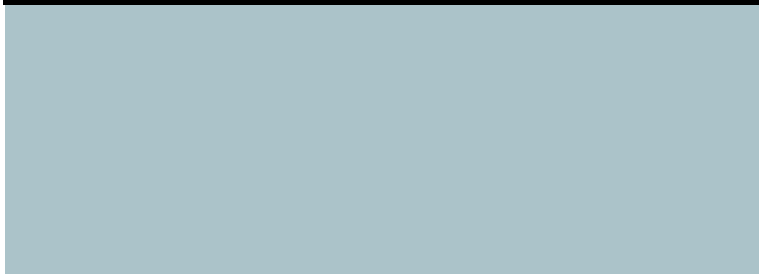
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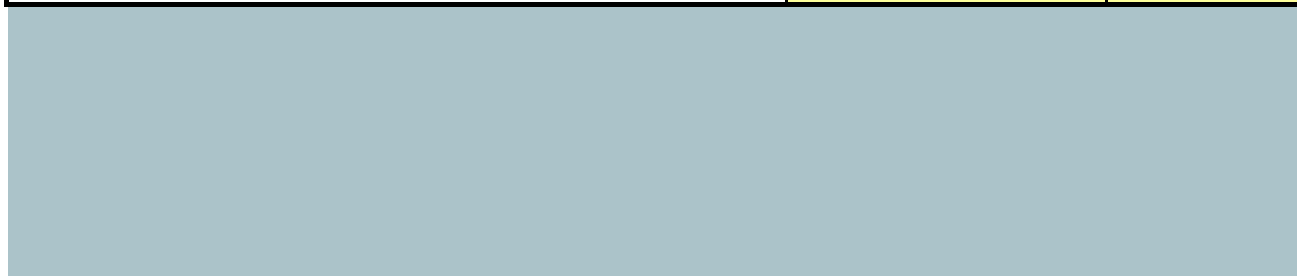
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Required Action to Meet Trading Rules	Ecological baseline	Retention category biodiversity value			
	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced
Like for like or better	1.53	0.069	0	1.24	0.00
Like for like or better	2.83	0.157	0	2.83	0.00
Like for like or better	1.31	0.066	0	1.19	0.00
Like for like or better	1.67	0.078	0	1.40	0.00
Same distinctiveness band or better	0.10	0	0	0.00	0.00
Same distinctiveness band or better	0.78	0	0	0.00	0.00
Same distinctiveness band or better	0.31	0.076	0	0.30	0.00
Like for like or better	2.04	0	0.17	0.00	2.04
Same distinctiveness band or better	0.87	0.087	0	0.70	0.00
Same distinctiveness band or better	1.55	0.129	0	1.55	0.00
Same distinctiveness band or better	0.52	0.051	0	0.41	0.00
Like for like or better	2.15	0.179	0	2.15	0.00
Same distinctiveness band or better	0.76	0	0	0.00	0.00
Same distinctiveness band or better	0.62	0.077	0	0.62	0.00
Same distinctiveness band or better	0.07	0.017	0	0.07	0.00
Same distinctiveness band or better	0.41	0.102	0	0.41	0.00
Same distinctiveness band or better	0.51	0.112	0	0.45	0.00
Same distinctiveness band or better	0.46	0.116	0	0.46	0.00
Same distinctiveness band or better	0.82	0.105	0	0.42	0.00
Same distinctiveness band or better	0.35	0.087	0	0.35	0.00
Same distinctiveness band or better	0.76	0.17	0	0.68	0.00

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Length lost	Units lost	User comments
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0.02	0.27	
0.02	0.10	
0.20	0.78	
0.00	0.01	
0.00	0.00	
0.02	0.18	
0.00	0.00	
0.01	0.11	
0.00	0.00	
0.10	0.76	
0.00	0.00	
0.00	0.00	
0.00	0.00	
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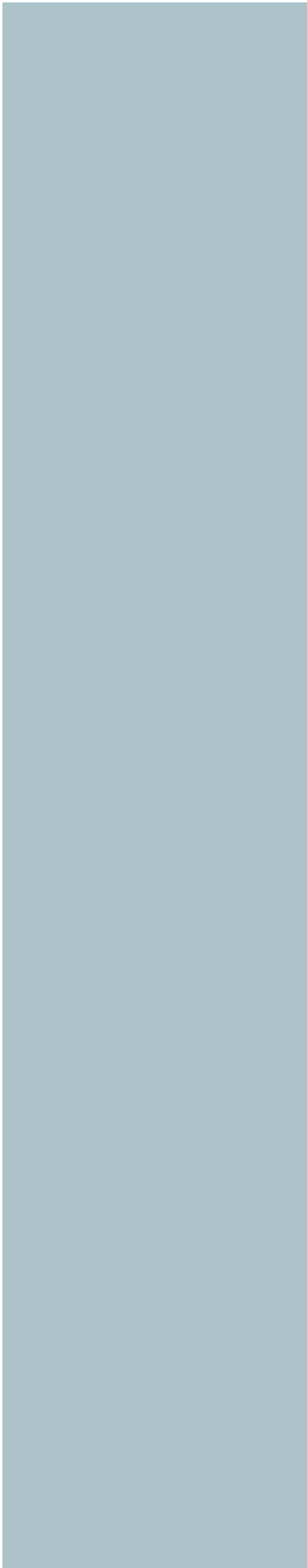
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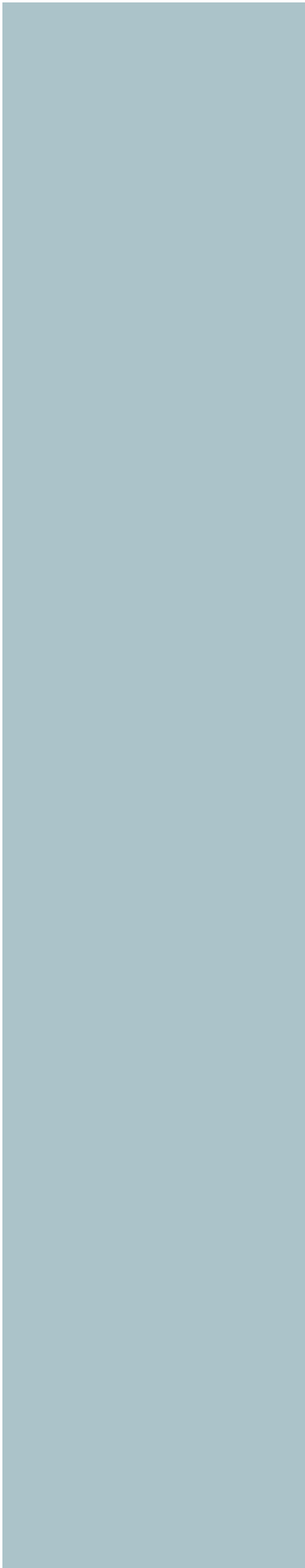
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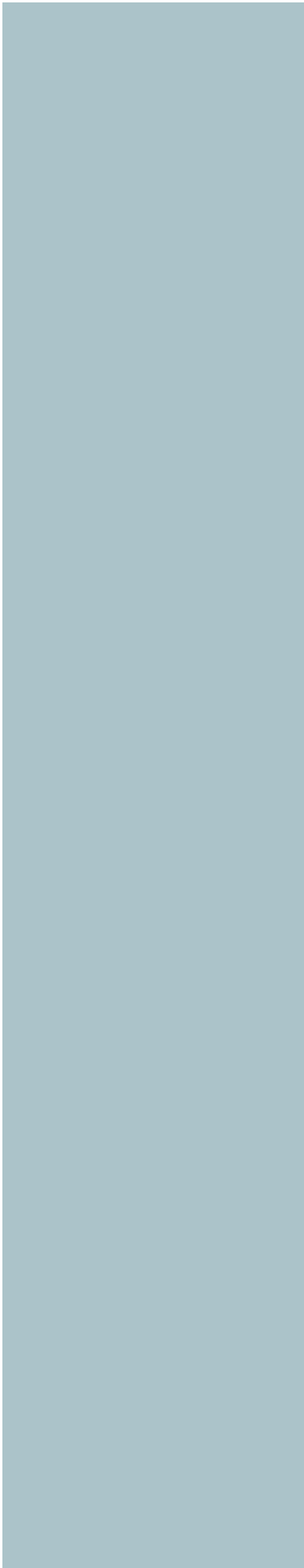
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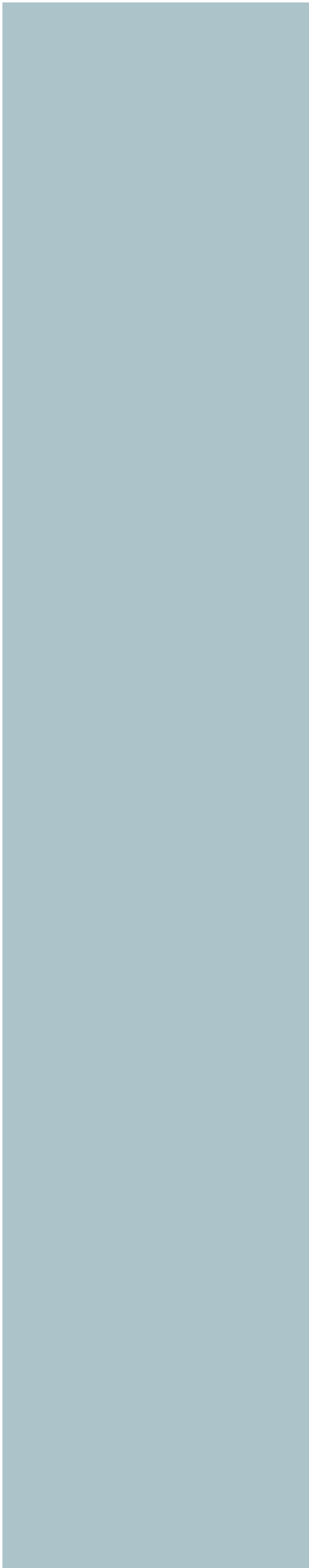
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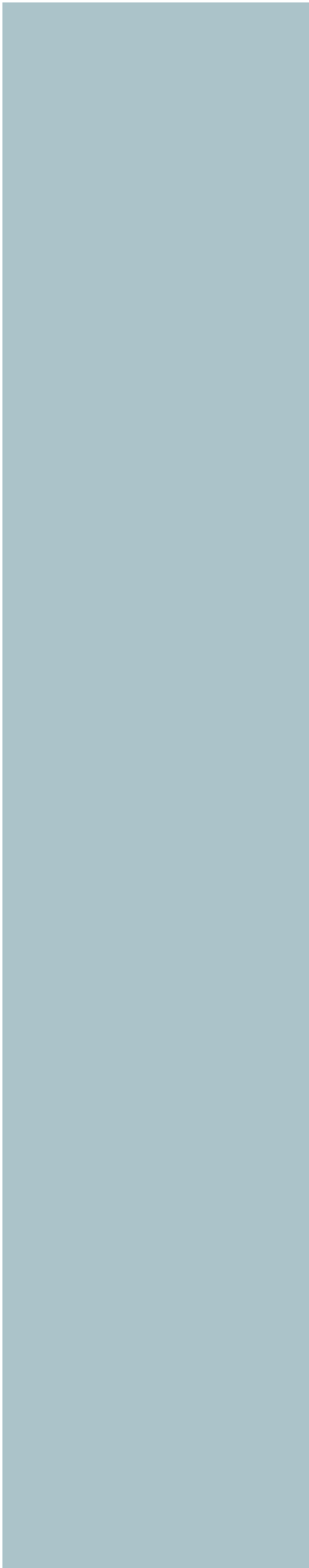
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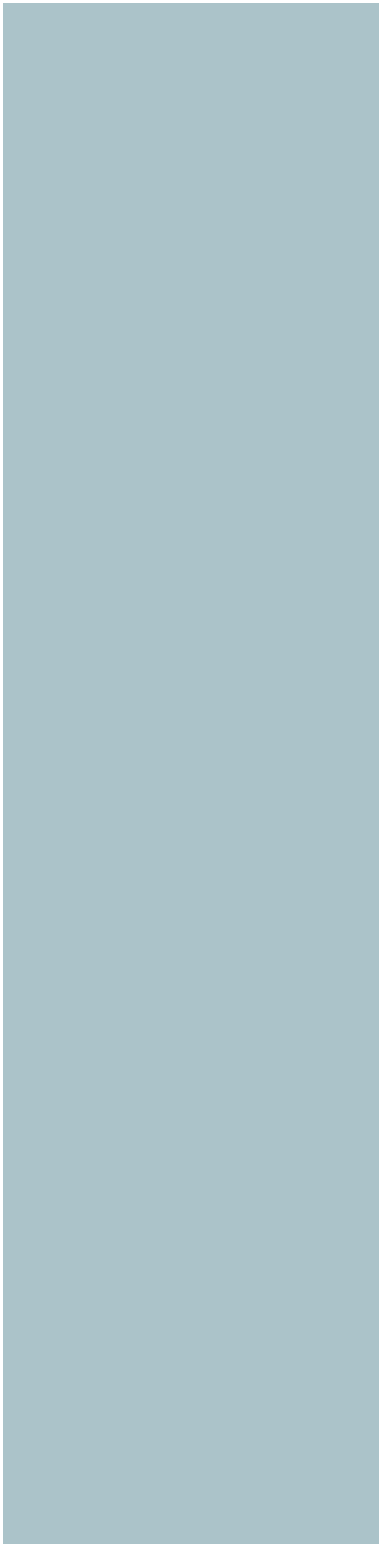












Project Name

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Condense / Show

Main Menu

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ne: Land South of Burbage Map Reference:

3-2 On-Site Hedge Creation

Columns

Condense / Show Rows

nu

Instructions

Proposed habitats	
Habitat type	Length (km)
Species-rich native hedgerow	0.116
Species-rich native hedgerow	0.08
Species-rich native hedgerow	0.019
Species-rich native hedgerow	0.066
Species-rich native hedgerow	0.033
Species-rich native hedgerow	0.044
Species-rich native hedgerow	0.057
Species-rich native hedgerow	0.069
Species-rich native hedgerow	0.044
Species-rich native hedgerow	0.047
Species-rich native hedgerow	0.071
Species-rich native hedgerow	0.093
Species-rich native hedgerow	0.187
Species-rich native hedgerow	0.044
Species-rich native hedgerow	0.091
Species-rich native hedgerow	0.103
Species-rich native hedgerow	0.18
Species-rich native hedgerow	0.607
Species-rich native hedgerow with trees	0.048

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Hedgerow sum	
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	

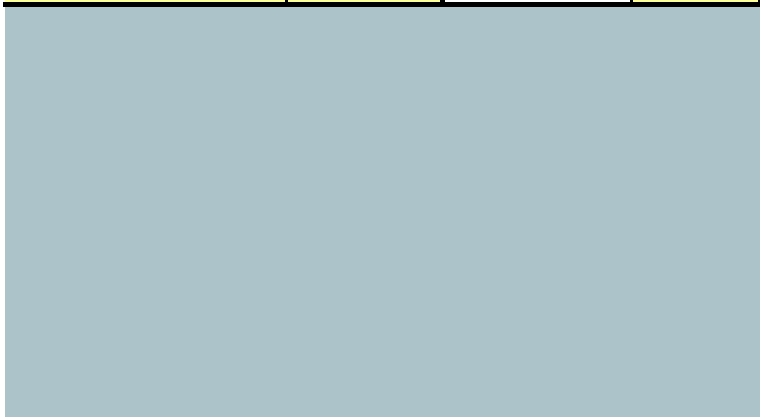
Distinctiveness		Condition	
Distinctiveness	Score	Condition	Score
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
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Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
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Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
Medium	4	Moderate	2
High	6	Moderate	2

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Primary	
	12.76
	50.11%
	Yes ✓

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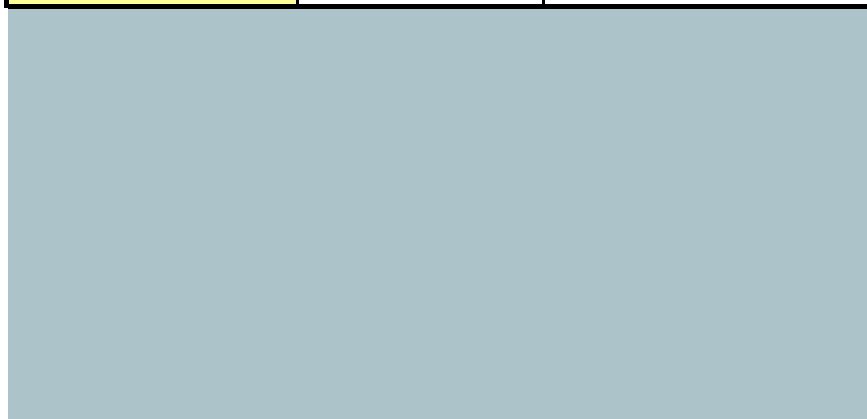
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Temporal multiplier			
Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation
Standard time to target condition applied	5	0.837	Low
Standard time to target condition applied	5	0.837	Low
Standard time to target condition applied	5	0.837	Low
Standard time to target condition applied	5	0.837	Low
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Standard time to target condition applied	5	0.837	Low
Standard time to target condition applied	5	0.837	Low
Standard time to target condition applied	5	0.837	Low
Standard time to target condition applied	10	0.700	Low

[illegible]

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Difficulty risk multipliers			Hedge units delivered
Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied	
Standard difficulty applied	Low	1	0.78
Standard difficulty applied	Low	1	0.54
Standard difficulty applied	Low	1	0.13
Standard difficulty applied	Low	1	0.44
Standard difficulty applied	Low	1	0.22
Standard difficulty applied	Low	1	0.29
Standard difficulty applied	Low	1	0.38
Standard difficulty applied	Low	1	0.46
Standard difficulty applied	Low	1	0.29
Standard difficulty applied	Low	1	0.31
Standard difficulty applied	Low	1	0.48
Standard difficulty applied	Low	1	0.62
Standard difficulty applied	Low	1	1.25
Standard difficulty applied	Low	1	0.29
Standard difficulty applied	Low	1	0.61
Standard difficulty applied	Low	1	0.69
Standard difficulty applied	Low	1	1.21
Standard difficulty applied	Low	1	4.06
Standard difficulty applied	Low	1	0.40

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Project Name: Land South of Burbage Map Reference:

B-3 On-Site Hedge Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

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Proposed (Pre-populated but can be overridden)

Native hedgerow with trees - associated with bank or ditch

[illegible]

[illegible]

[illegible]

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Hedgerow summary

Total Net Unit Change	12.76
Total Net % Change	50.11%
Trading Rules Satisfied	Yes ✓

[illegible]

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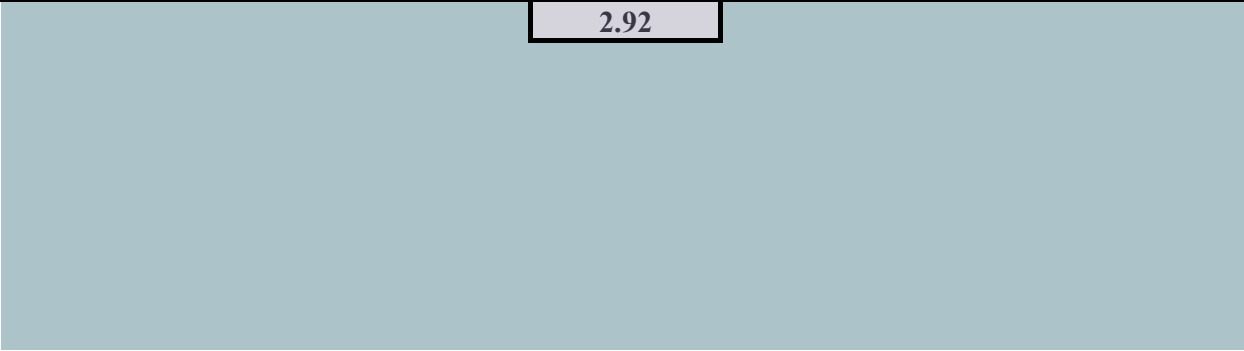
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Conclusions

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Project Name: Land South of Burbage Map Reference:

C-1 On-Site WaterC' Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Existing watercourse type		
Baseline ref	Watercourse type	Length (km)
1	Culvert	0.018
2	Ditches	0.247
3	Other Rivers and Streams	0.283
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		0.55

Watercourse summary	
Total Net Unit Change	-0.12
Total Net % Change	-3.28%
Trading Rules Satisfied	No - check trading summary ▲

[illegible]

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A 'Fairly' Category has been used - check evidence to ensure this is appropriate

[illegible]

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Ensure this is appropriate ☐

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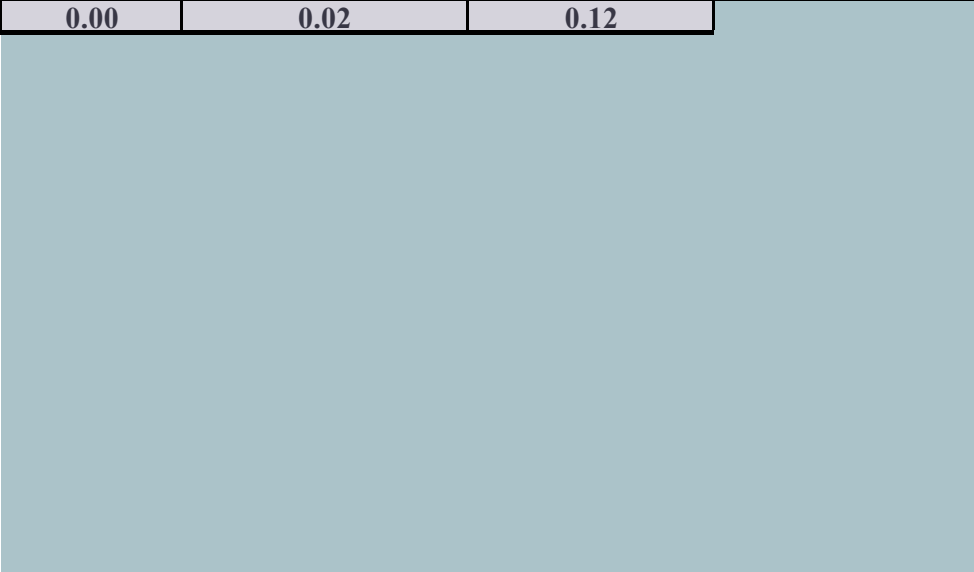
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Comm

User Comments

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Consenting body comments

**GIS reference
number**

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Project Name: Land South of Burbage Map Reference:

C-2 On-Site WaterC' Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

	Proposed habitats		Distinctive
Baseline ref	Watercourse type	Length (km)	Distinctiveness
1	Culvert	0.018	Low
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