

The Statutory Biodiversity Metric

Auditing and accounting for biodiversity

Calculation Tool

[Open Tool](#)

etric

y





The Statutor

CE
K

Project details

Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Completed by:	
Date of metric completion:	
Reviewer:	
Calculation iteration:	
Planning authority reviewer:	
Date of planning authority review:	
Target % net gain:	10%
Irreplaceable habitat present at baseline:	
Total site area - including irreplaceable habitat area (hectares):	0.53
Total off-site area - including irreplaceable habitat area (hectares):	N/A

Cell style conventions

⚠	
▲	

On-site baseline map

Insert

Insert

On-site baseline map reference number

Insert

Off-site baseline map

Off-site baseline map reference number

City Biodiversity Metric Start page

Details

Arun District Council

Land Adjacent to Lake Lane

Property Sphere Limited

Full

Carly Tesgue

12 January 2025

Jack Kellett

5

No ✓

Irreplaceable habitat site area (hectares):

0.00

Irreplaceable habitat area off-site (hectares):

N/A

Interventions

Attention required

Input error/rules and principles not met

Use of this cell is not appropriate

Enter data

Automatic lookup

Result

Main navigation

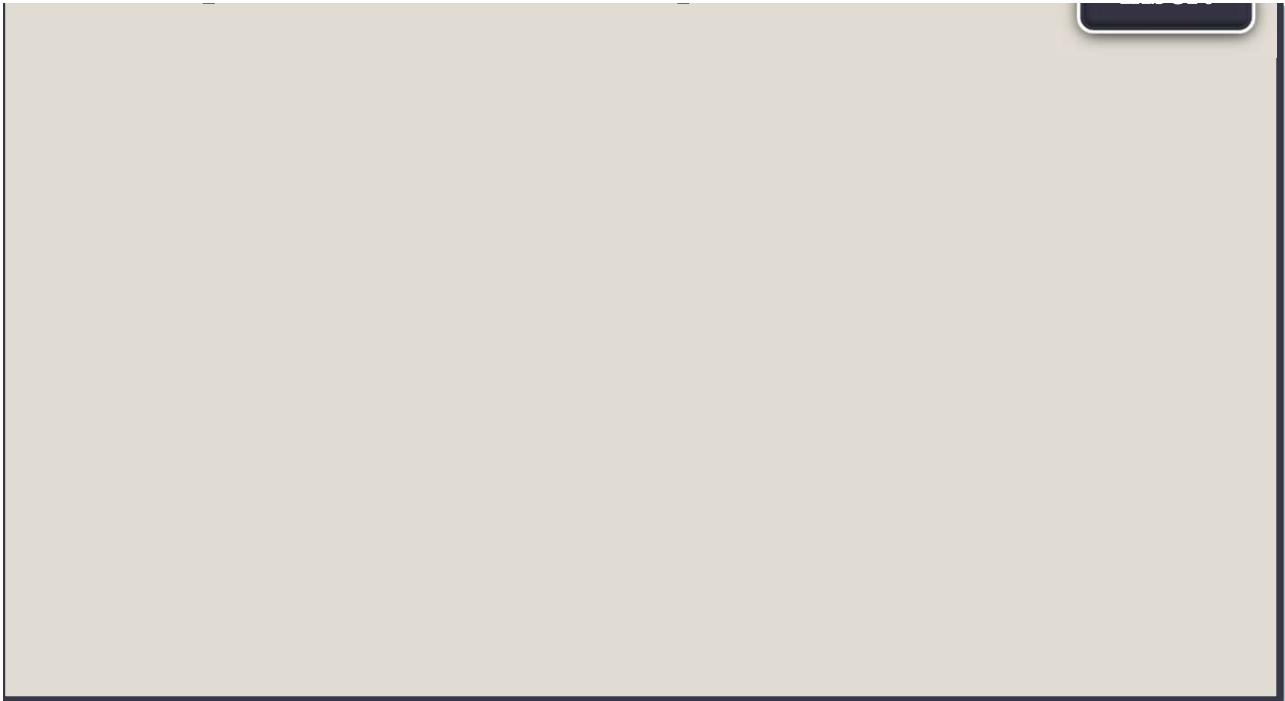
Results

View

Reset

Insert

On-site post intervention map

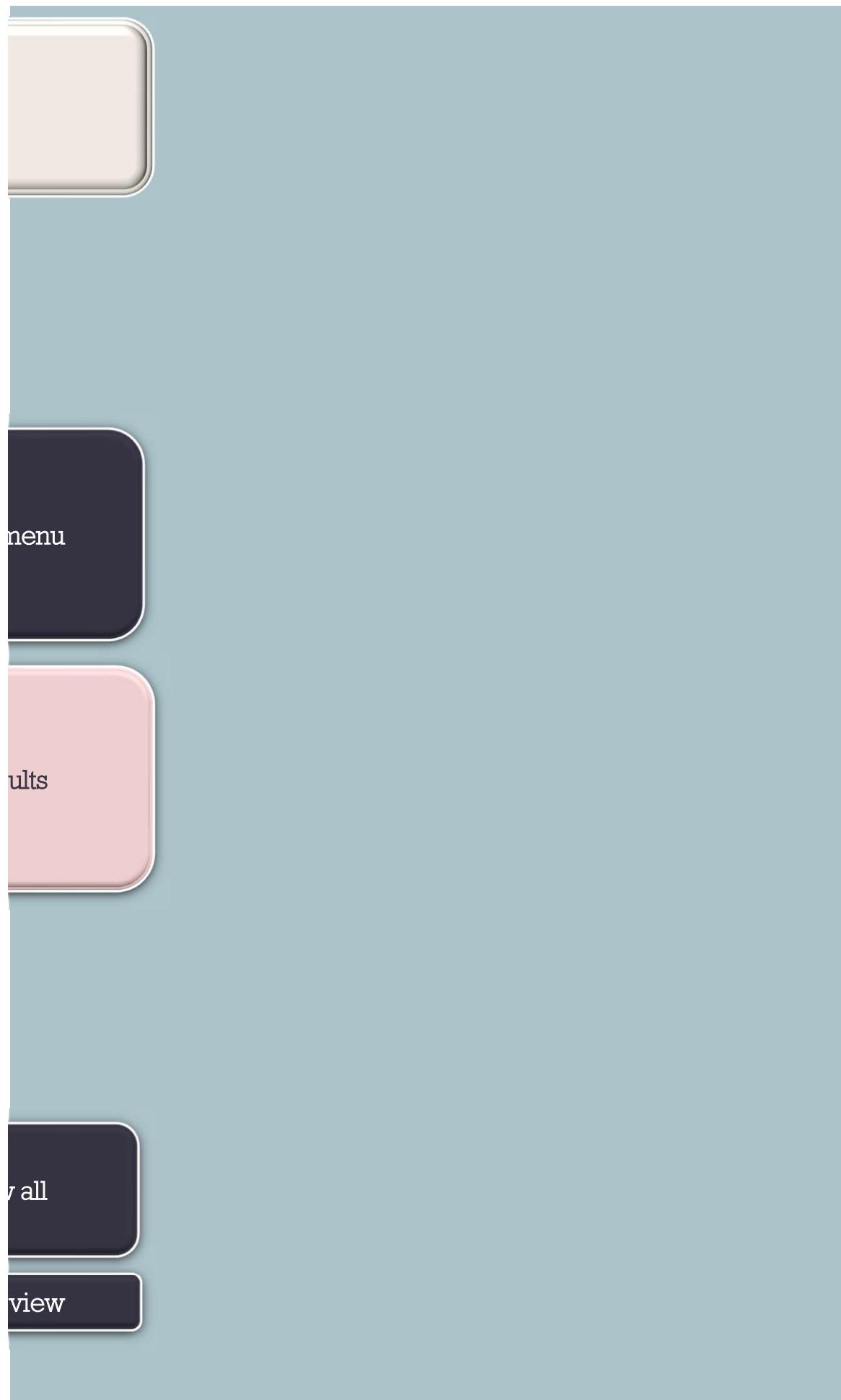


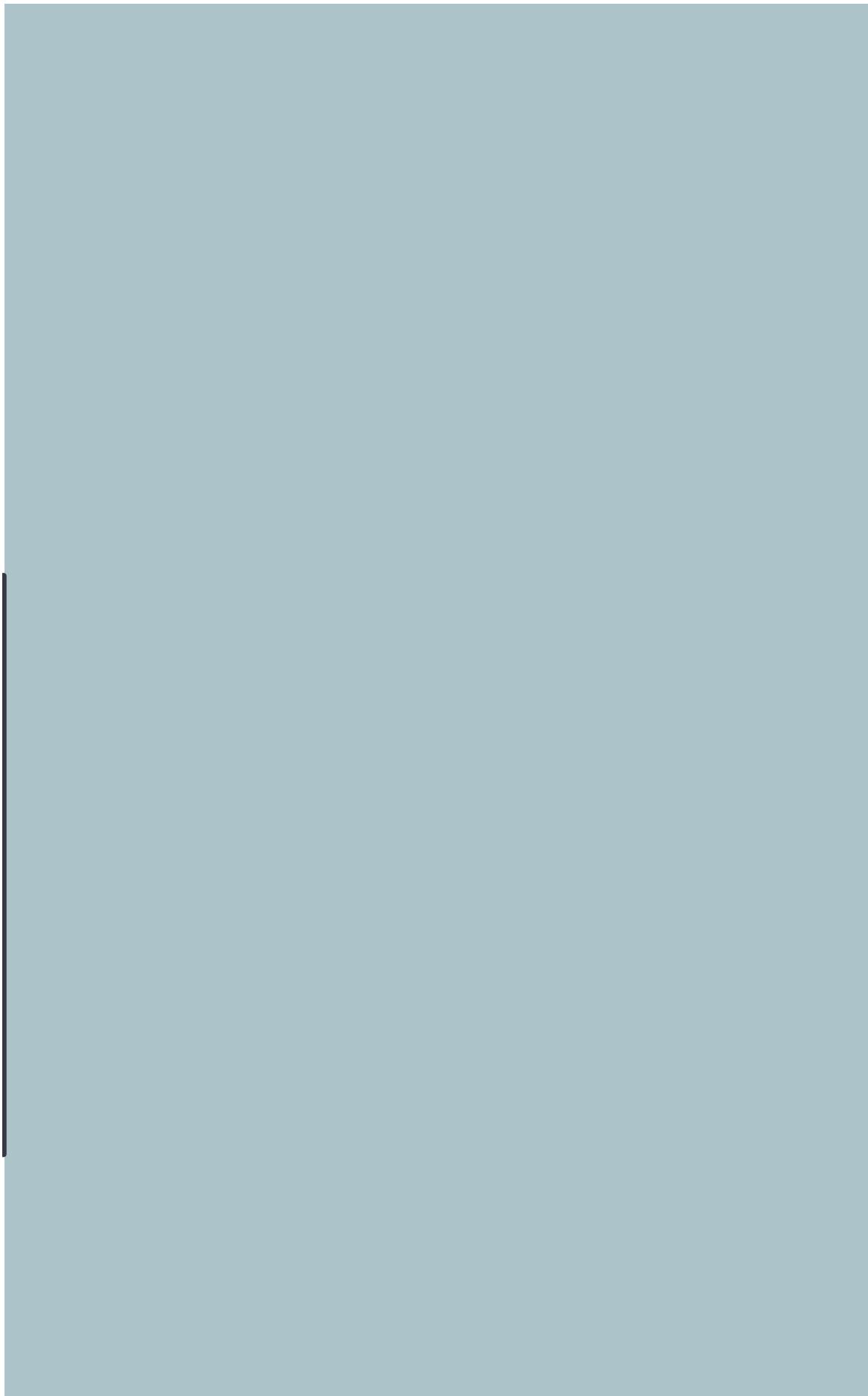
On-site post-intervention map reference number	
--	--

Off-site post intervention map	<input type="button" value="Insert"/>
--------------------------------	---------------------------------------

Off-site post-intervention reference number	
---	--







Key
Area habitats



Hedgerows and
lines of trees



Watercourses



Start here

1

Start page

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 developmen

A-2 On-site Area
Habitat Creation



A-3 On-site A
Habitat
Enhanceme



B-2 On-site
Hedge Creation



B-3 On-site He
Enhanceme



C-2 On-site
Watercourse
Creation



C-3 On-site
Watercourse
Enhanceme





Biodiversity Metric Main menu

Technical data

Results

Tree size
Small
Medium
Large
Very large
Total

3

nt

rea
nt

edge
nt

nt

Off-site baseline

D-1
Off-site
Area Habitat Baseline



E-1
Off-site Hedge
Baseline



F-1
Off-site Watercourse
Baseline



Off-sit

D-2 Off-site Are
Habitat Creatio



E-2 Off-site Hed
Creation



F-2 Off-site
Watercourse
Creation





ee helper

Number of trees and area (ha) for each condition state

Poor	Area	Moderate	Area	Good	Area
50	0.2036		0.0000		0.0000
	0.0000	1	0.0163	9	0.1466
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
50	0.2036	1	0.0163	9	0.1466

4

the post development

ea
on

D-3 Off-site Area Habitat
Enhancement



age

E-3 Off-site Hedge
Enhancement

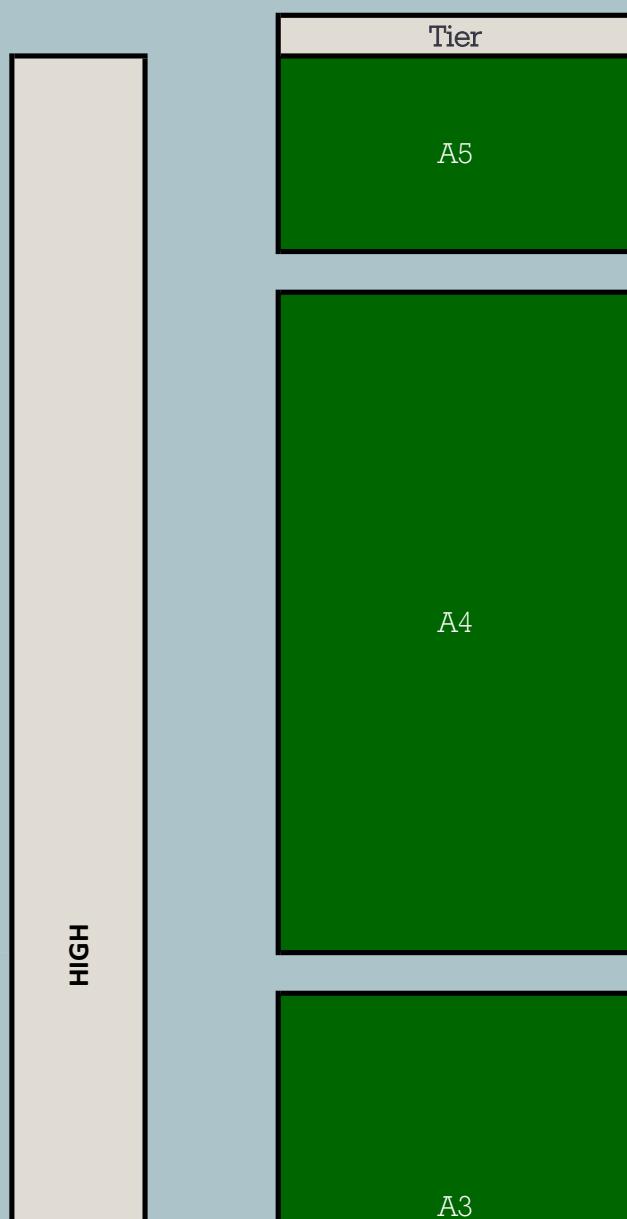


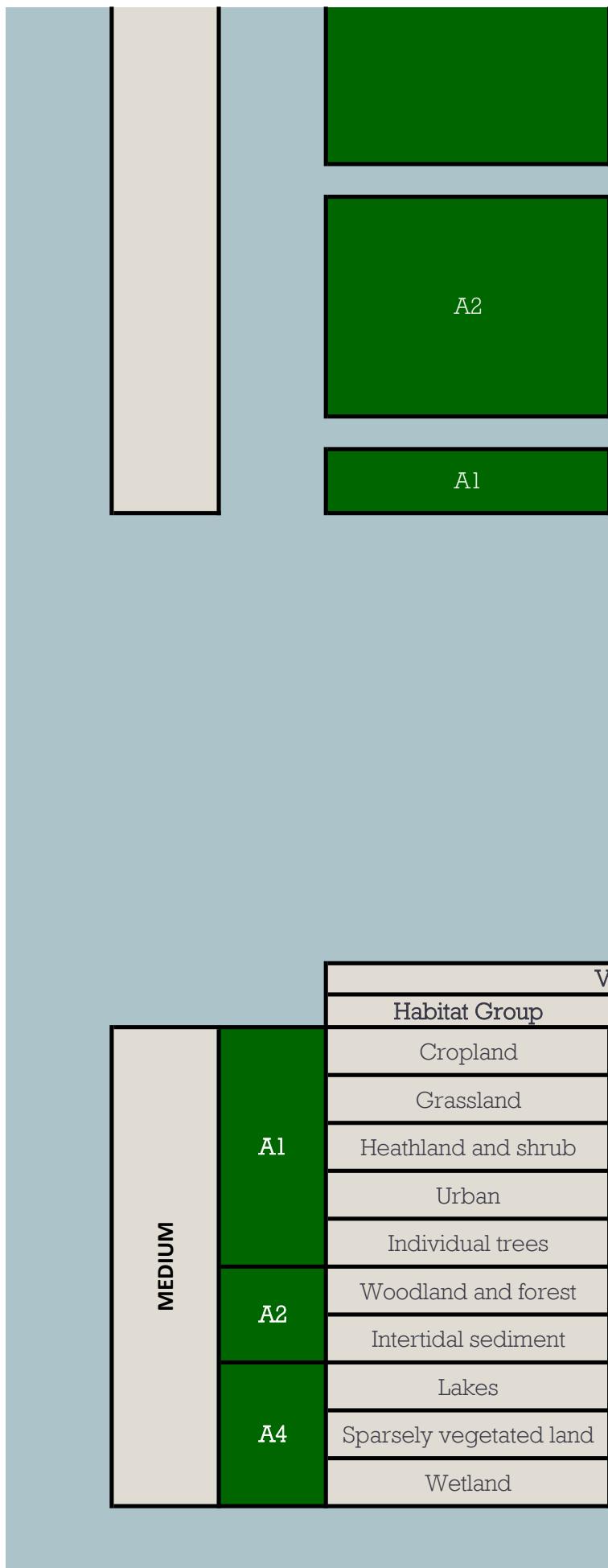
F-3 Off-site Watercourse
Enhancement





	Target
Area habitats	10.00%
Hedgerows	10.00%
Watercourses	10.00%





Net Unit Change for Low
Distinctiveness Habitats

LOW

A1

-0.97

H

W

Baseline Units	
4.61	
0.00	
0.32	
Tier	
A1	
A2	
A3	
A4	
A5	
H	
W	
Habitat	
Lakes - High alkalinity lakes	
Lakes - Low alkalinity lakes	
Lakes - Marl lakes	
Lakes - Moderate alkalinity lakes	
Lakes - Peat lakes	
Grassland - Floodplain wetland mosaic and CFGM	
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	
Woodland and forest - Lowland mixed deciduous woodland	
Woodland and forest - Native pine woodlands	
Woodland and forest - Upland mixed ashwoods	
Woodland and forest - Upland oakwood	
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	
Coastal saltmarsh - Saltmarshes and saline reedbeds	
Woodland and forest - Felled./Replacement for felled woodland	
Woodland and forest - Lowland beech and yew woodland	
Woodland and forest - Upland birchwoods	
Woodland and forest - Wet woodland	
Intertidal sediment - Littoral mud	
Intertidal sediment - Littoral mixed sediments	

- 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

- 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
- Urban - Open mosaic habitats on previously developed land

Grassland - Traditional orchards

Wetland - Reedbeds

Total Unit Change for Low Distinctiveness Habitats Following Offset from
Higher Distinctiveness Habitats

0.08

Hedgerows

VHD Losses Not Offset

HD Losses Not Offset

MD Losses Not Offset

LD Losses Not Offset

VLD Losses Not Offset

Watercourses

VHD Losses Not Offset

HD Losses Not Offset

MD Losses Not Offset

LD Losses Not Offset

Required Units	Unit Deficit
5.08	0.38
0.00	0.00
0.36	0.00

Unit Shortfall by Tier	Unit Shortfall by Tier
0.38	0.76
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

Habitat Group	Unit Change
Lakes	0.00

Grassland	0.00
Lakes	0.00
Lakes	0.00
Sparsely vegetated land	0.00
Woodland and forest	0.00
Coastal lagoons	0.00
Rocky shore	0.00
Coastal saltmarsh	0.00

Woodland and forest	0.00
Intertidal sediment	0.00
Intertidal sediment	0.00

Intertidal sediment	0.00

Grassland	0.00
Grassland	0.00
Grassland	0.00
Heathland and shrub	0.00
Heathland and shrub	0.00
Heathland and shrub	0.00
Urban	0.00

Grassland	0.00
Wetland	0.00

Medium Distinctiveness Losses	
Habitat Group	Losses Requiring Offset
Cropland	0.00
Grassland	0.00
Heathland and shrub	0.00
Urban	0.00
Individual trees	0.00
Woodland and forest	0.00
Intertidal sediment	0.00
Lakes	0.00
Sparsely vegetated land	0.00
Wetland	0.00

Total Remaining Units Available

Units Remaining Available After Rule 5	Final Losses in Tier
0.08	0.00
Losses	Final Losses
0.00	
0.00	
0.00	0.00
0.00	
0.00	
Losses	Final Losses
0.00	
0.00	
0.00	0.00
0.18	

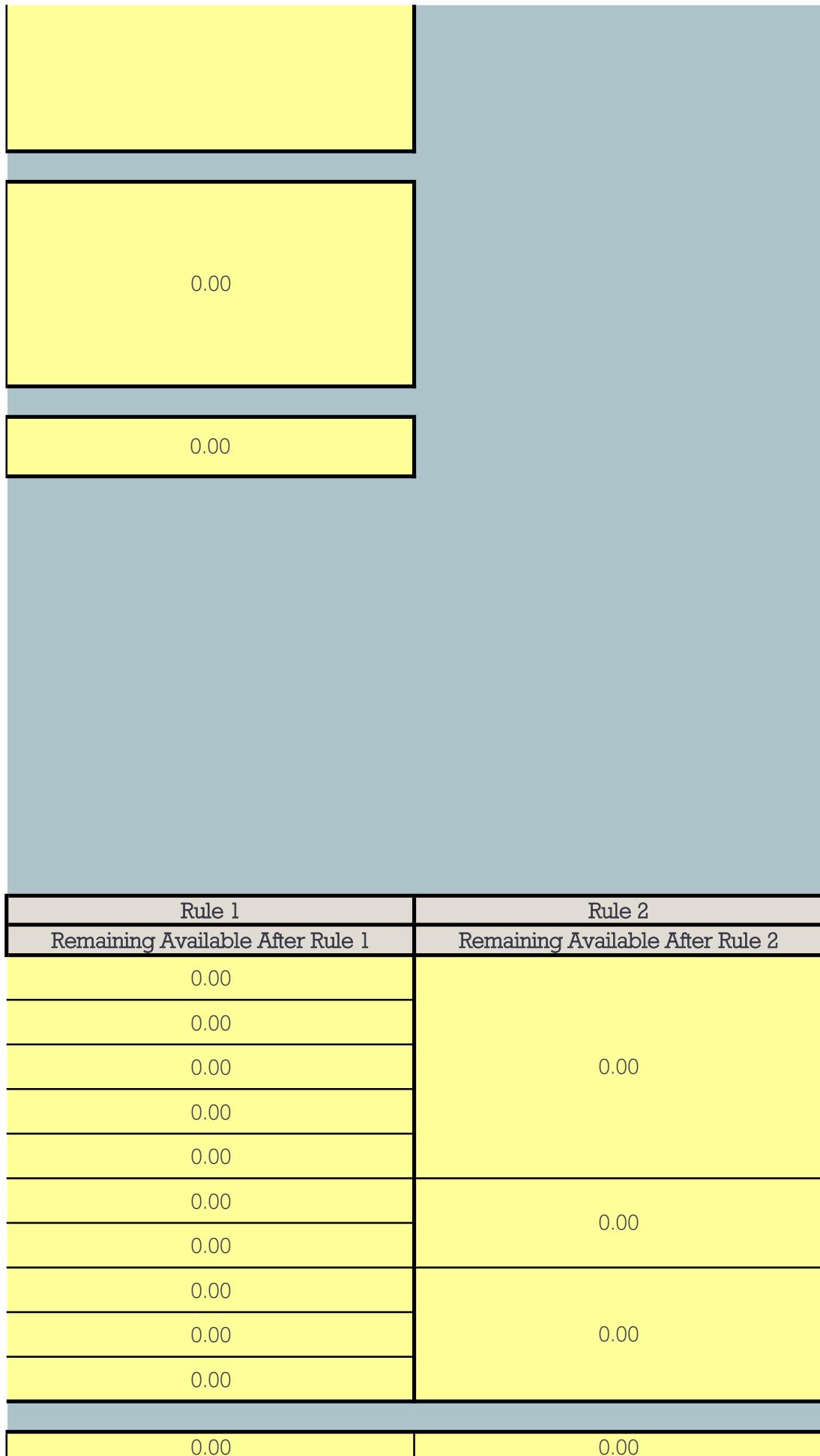
Deficit

:(SRM Included)

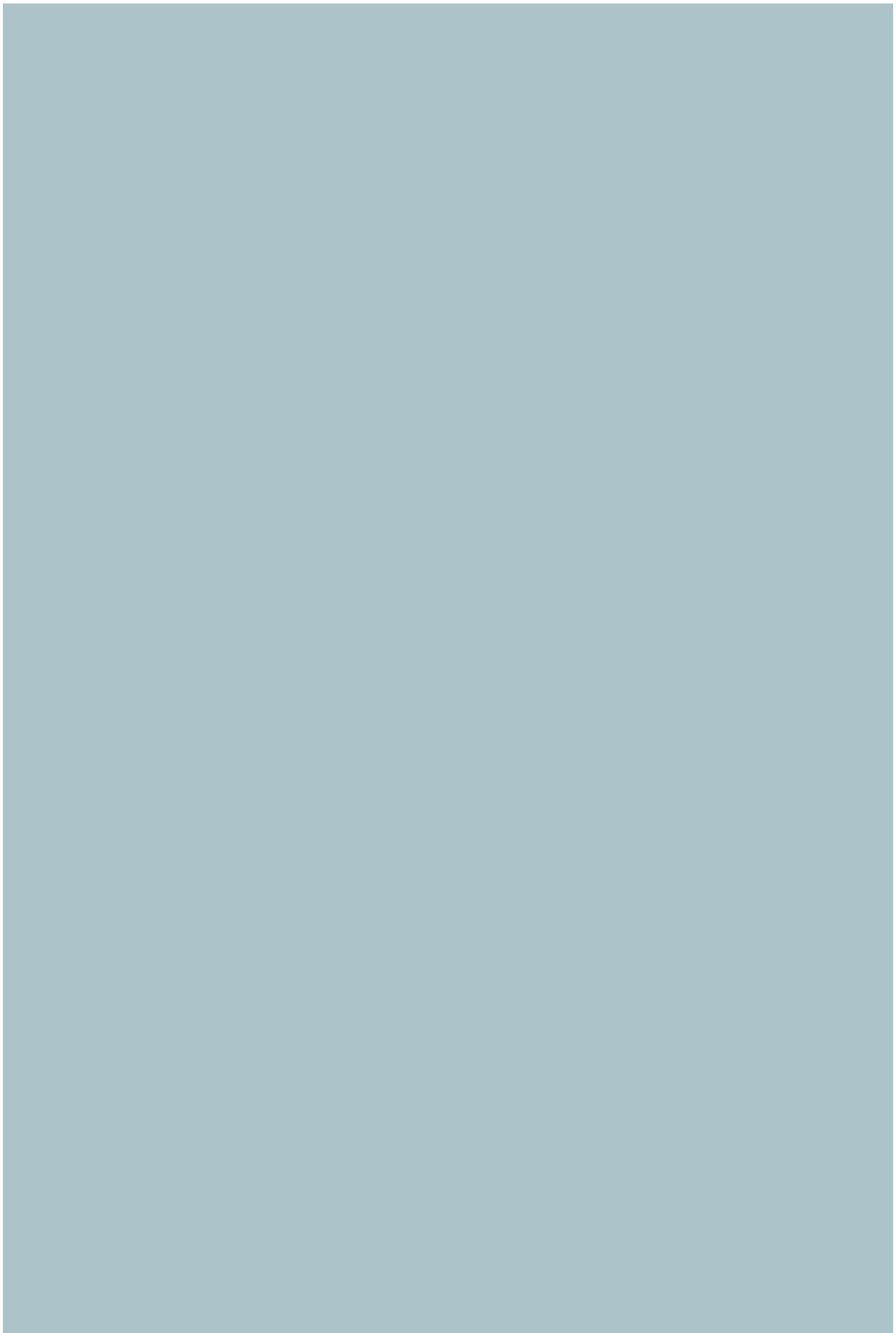
Losses in Tier
0.00

0.00

0.00



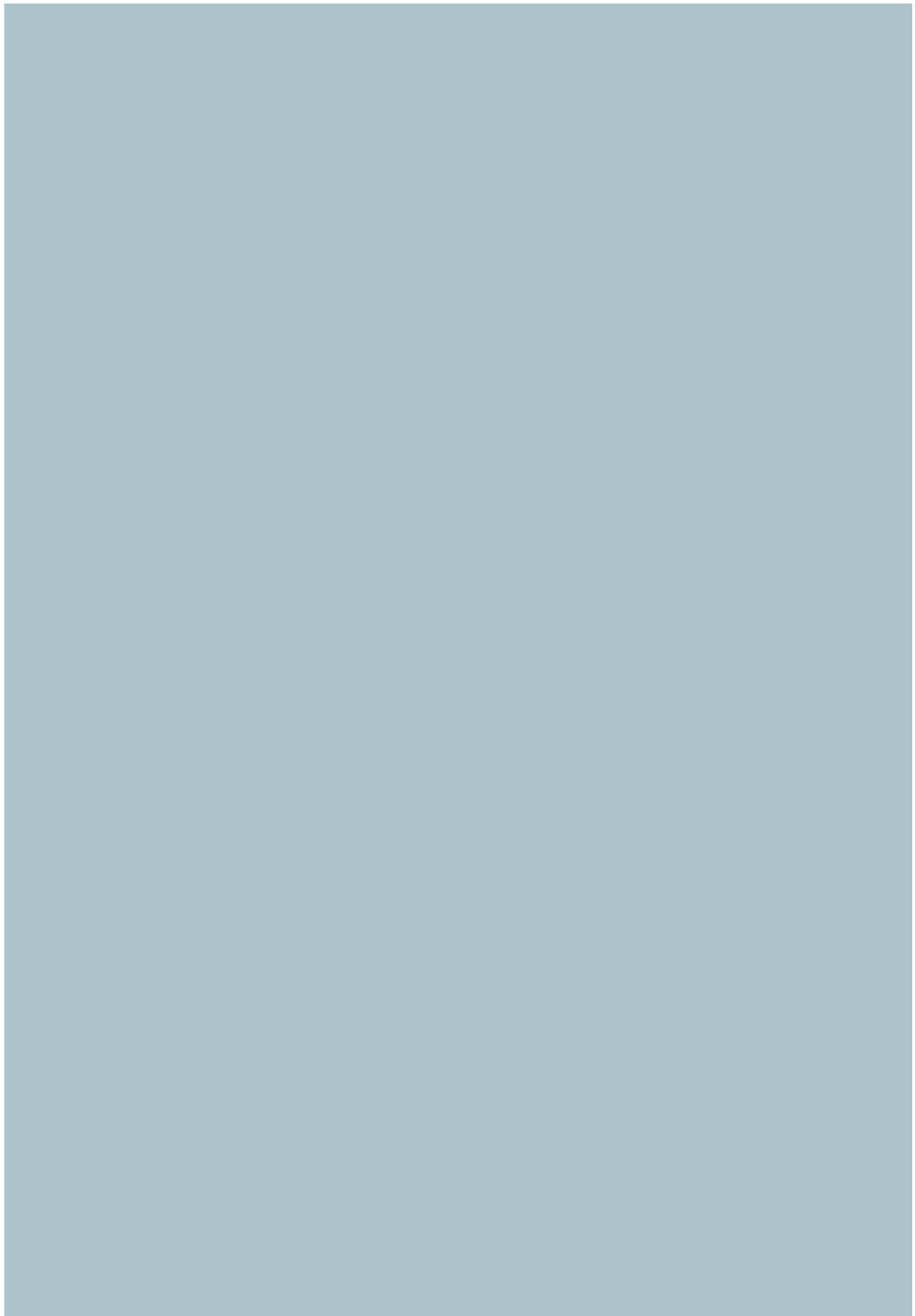






Rule 1	Higher surplus is used to offset loss of medium distinctive feature
Rule 2	Remaining higher surplus is used to offset the loss of the first distinctive feature
Rule 3	Remaining higher surplus is used to offset the loss of the second distinctive feature
Rule 4	Remaining higher surplus is used to offset the loss of the third distinctive feature
Rule 5	Remaining higher surplus is used to offset losses from the fourth distinctive feature

Rule 3	Rule 4	
Remaining Available After Rule 3	Remaining Available After Rule 4	
0.00	0.00	A1
0.00	0.00	A2
0.00	0.00	A4
0.00	0.00	





ness of the same broad habitat category.

most expensive medium credit tier of A4

ond most expensive medium credit tier of A2

third most expensive medium credit tier A1

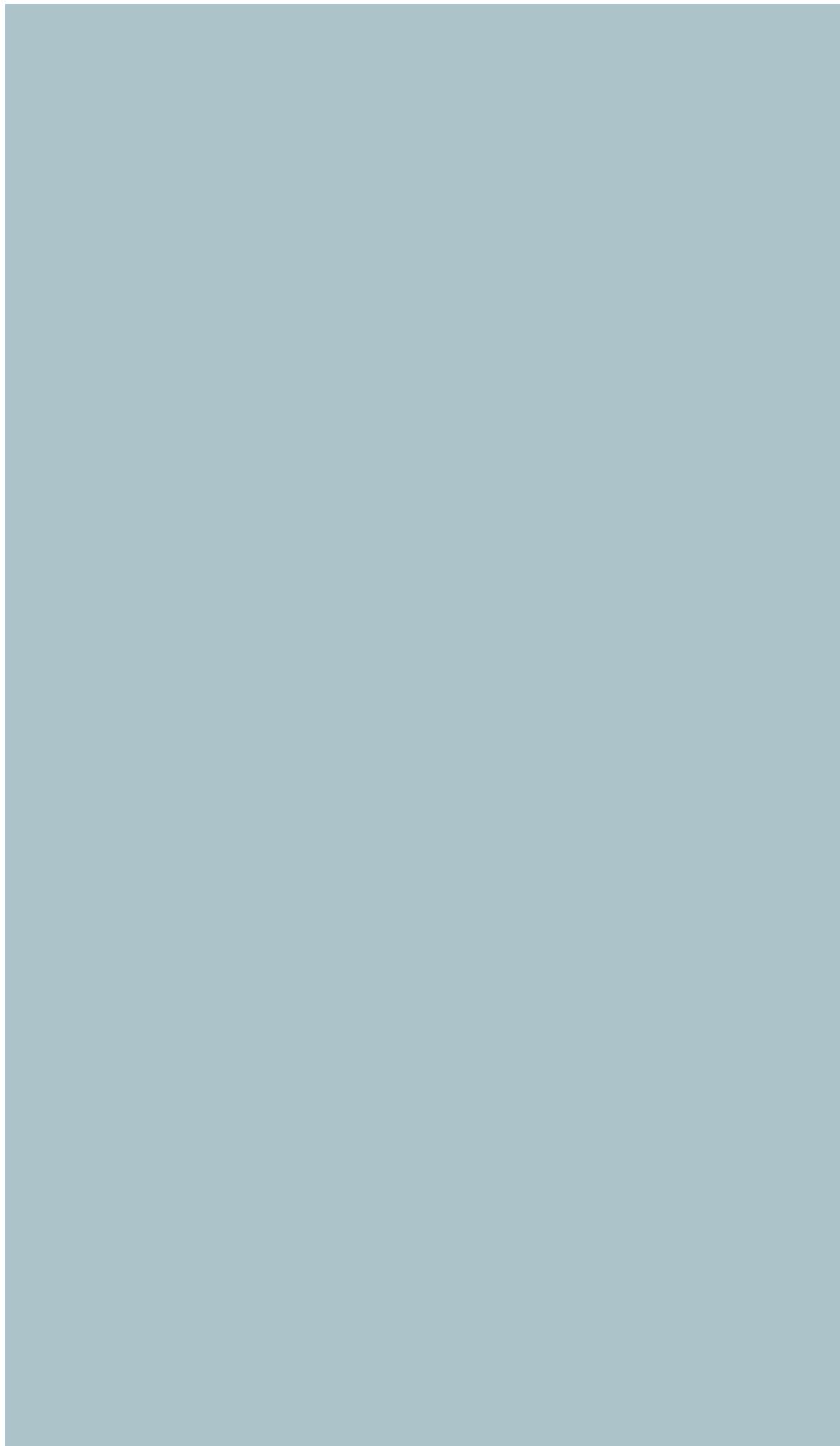
from low distinctiveness habitats

Final Losses in Tier

0.00

0.00

0.00



Unit S	
Tier	
A1	
A2	
A3	
A4	
A5	
H	
W	

*The spatial risk multipliers are:



Shortfall by Tier/Module

Unit Shortfall

0.76



0.00

0.00

0.00

0.00

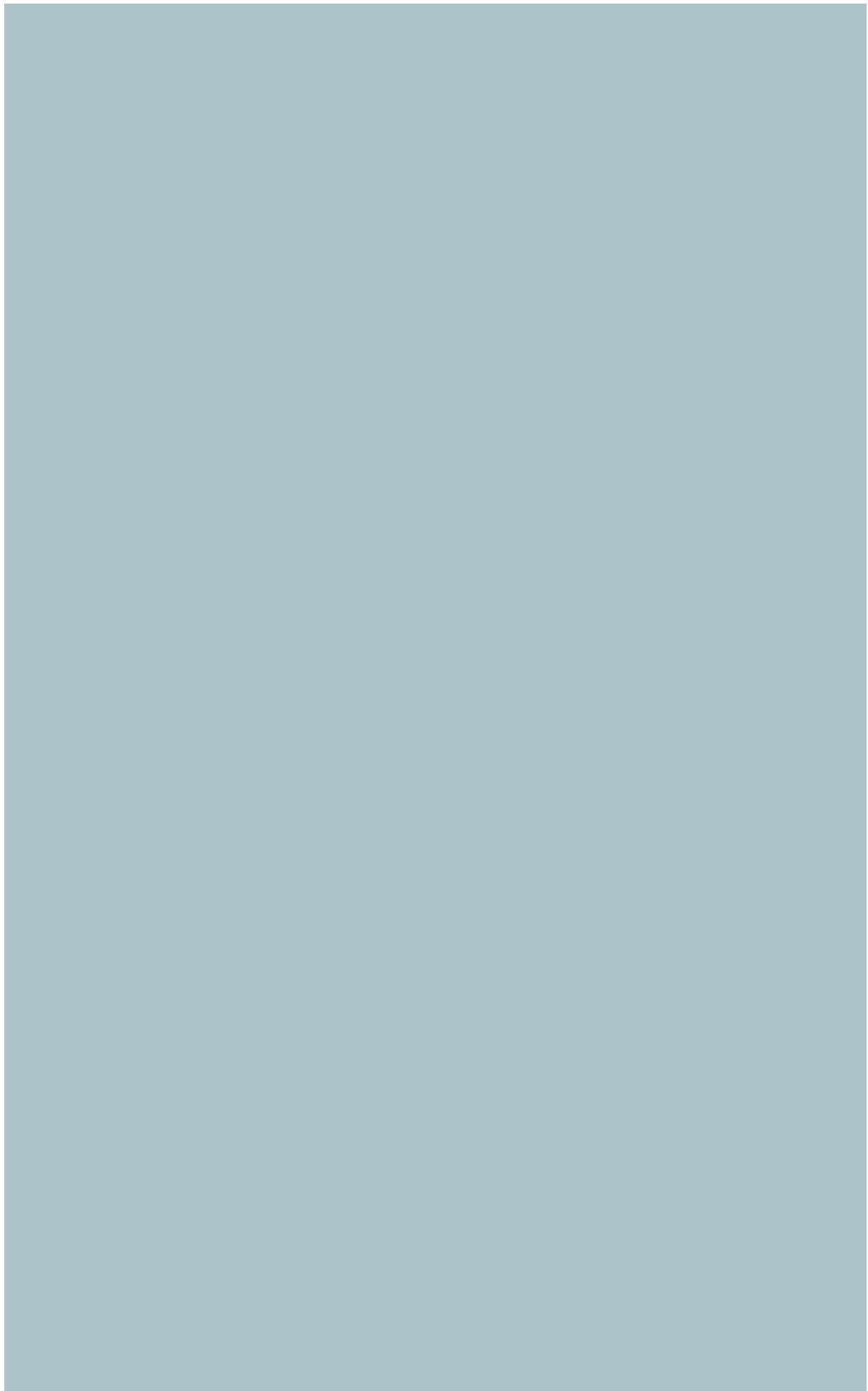
0.00

0.00

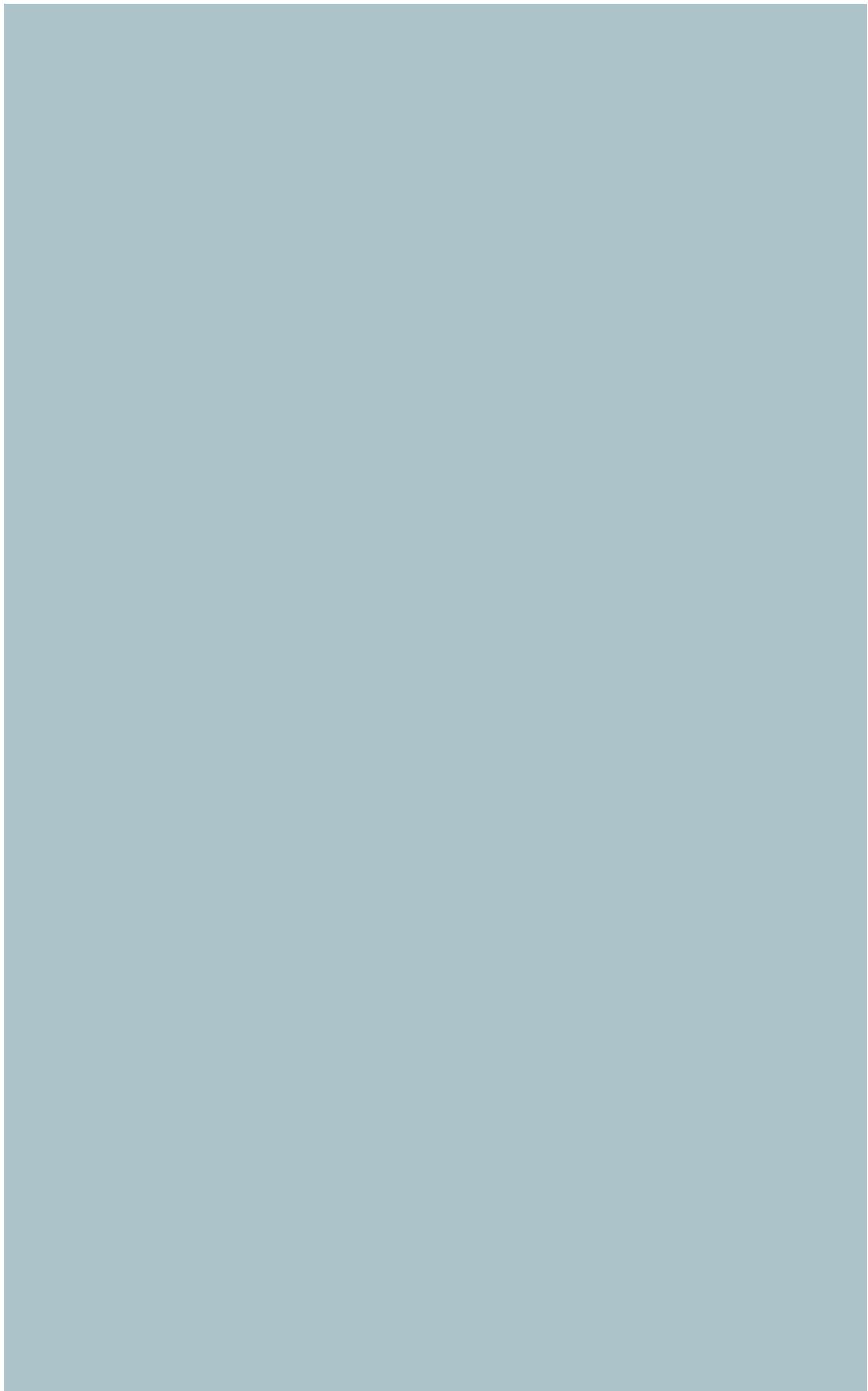
0.00

A multiplier has been applied to all unit shortfall values.



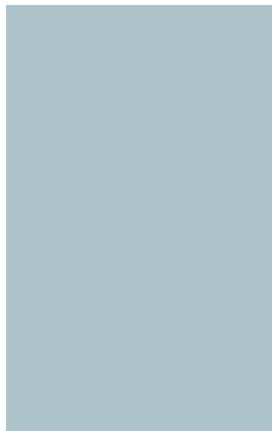












The Statutory Bio Results

[Return to start
page](#)

[Headline results](#)

[Detailed re](#)

[Off-site
summary](#)

[Irreplacea
habitats sum](#)

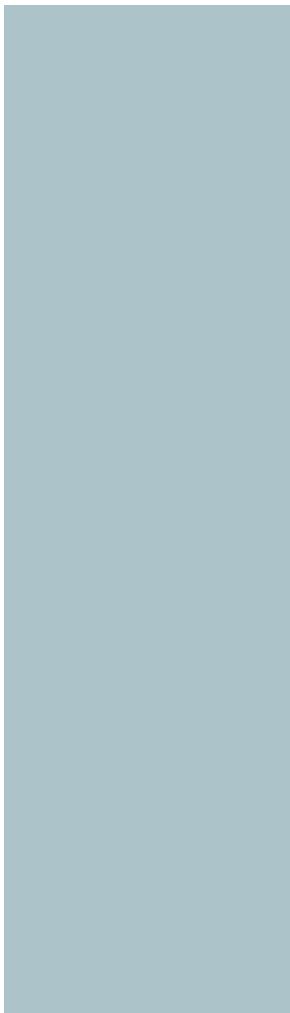
Biodiversity Metric Results

Results

Habitat trading
summaries

Unit
summary

Unit shortfall
summary



Land Adjacent to Lake Lane

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?

Ye

Unit Type	Target	Baseline Units	Units Required
<i>Habitat units</i>	10.00%	4.61	5.08
<i>Hedgerow units</i>	10.00%	0.00	0.00
<i>Watercourse units</i>	10.00%	0.32	0.36

Input errors/rule breaks present in metric ▲

4.61
0.00
0.32

4.69
0.00
0.50

0.08	1.75%	On-site net gain is less than target set Δ
0.00	0.00%	
0.18	54.08%	

0.00
0.00
0.00

0.00
0.00
0.00

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

0.00	0.00%
0.00	0.00%

0.08
0.00
0.18

0.00
0.00
0.00

0.08
0.00
0.18

1.75%
0.00%
54.08%

Total net gain achieved is less than target set ▲

✓

Unit Deficit

0.38

0.00

0.00

No additional hedgerow units required to meet target ✓

No additional watercourse units required to meet target ✓

Land Adjacent to Lake Lane

Detailed Results

Summary Figures

Net project biodiversity

(Including all on-site & off-site habitat retained)

Total project biodiversity

(Including all on-site & off-site habitat created)

Combined habitat

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

Total on-site and off-site area / length proposed for enhancement

Total on-site and off-site 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 changes
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 off-site

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
Hedgerows and Lines of Trees	Hedgerows and lines of trees
	On-site condition
	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
Hedgerows and Lines of Trees	Line of trees - associated with bank or ditch
	Non-native and ornamental hedgerow

Off-site categories

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 areas

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

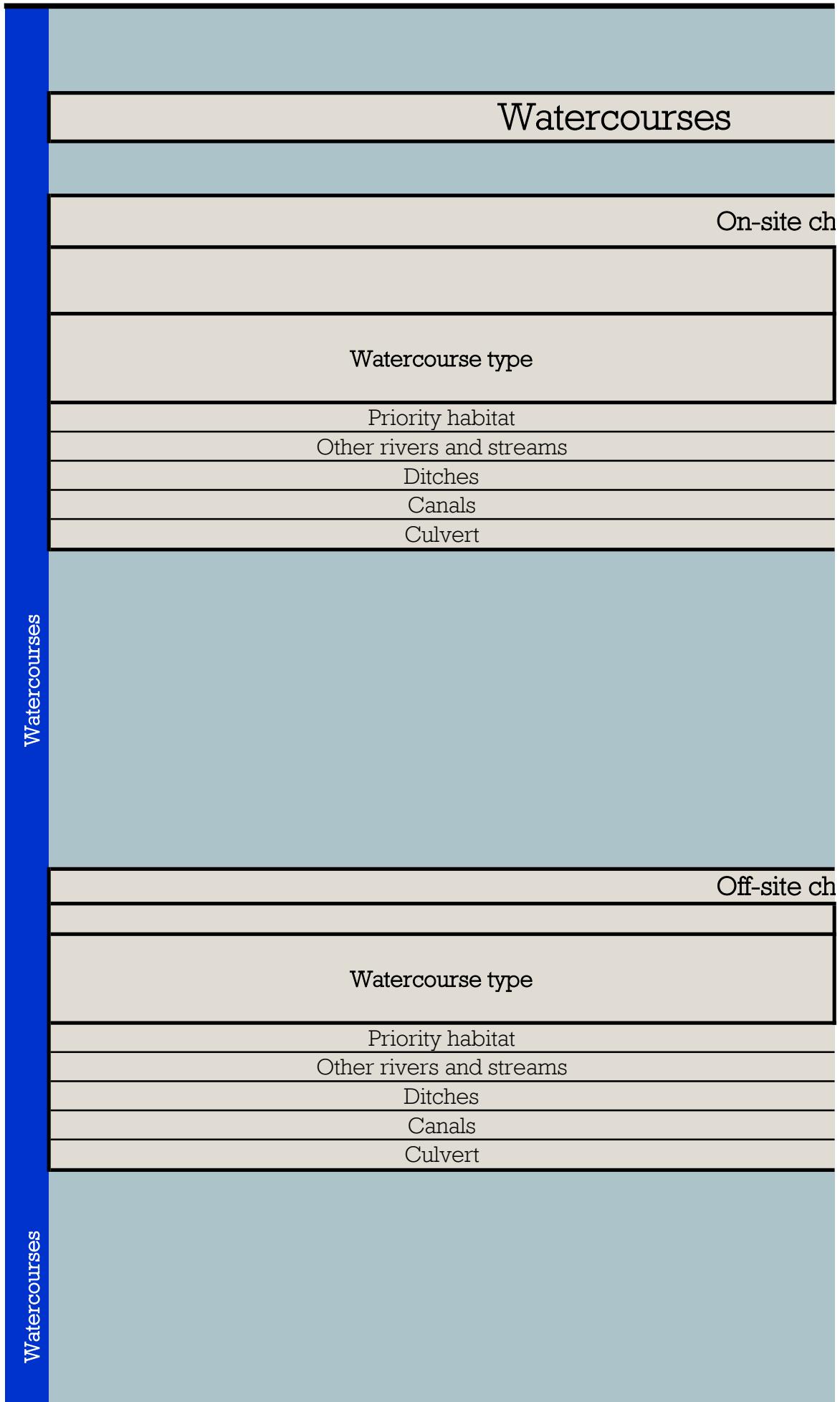
Ecologically valuable line of trees - associated with bank or ditch

Native hedgerow

Line of trees

Line of trees - associated with bank or ditch

Non-native and ornamental hedgerow



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

Return to results
menu

ity units

vention / creation)

Habitat units

Hedgerow units

Watercourse units

7 % change

(n + retained habitats)

Habitat units

Hedgerow units

Watercourse units

habitat retention and enhancement

Habitats

Hedgerows

0.77

0.00

4.61

0.00

0.23

0.00

2.77

0.00

ment

0.08

0.00

ement

0.33

0.00

0.46

0.00

1.51

0.00

range 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
0.23	0.92	0.04	0.30	-0.20
0.10	0.39	0.07	0.54	-0.02
0.00	0.00	0.01	0.09	0.01
0.00	0.00	0.00	0.00	0.00
0.20	0.38	0.42	0.33	0.22
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
0.24	2.92	0.43	3.43	0.19

On-site area 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

Off-site area change by broad habitat type

Baseline		On-site and off-site post-development		Combin
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
0.23	0.92	0.04	0.30	-0.20
0.10	0.39	0.07	0.54	-0.02
0.00	0.00	0.01	0.09	0.01
0.00	0.00	0.00	0.00	0.00
0.20	0.38	0.42	0.33	0.22
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
0.24	2.92	0.43	3.43	0.19

ES

change by hedgerow type

Baseline		Post-development on-site		On-sit
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
0.00	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

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

Combined off-site change by hedgerow type

Baseline		Post-development		Combined
Combined existing length	Combined existing value	Combined proposed length	Combined 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

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	0.3	0.0	0.5	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

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

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

1d off-site change by watercourse type

Baseline		Post-development on-site		On-site length change
Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change
0.0	0.3	0.0	0.5	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

0.08
0.00
0.18

1.75%
0.00%
54.08%

Watercourses
0.03
0.32

0.00
0.00

0.03
0.32

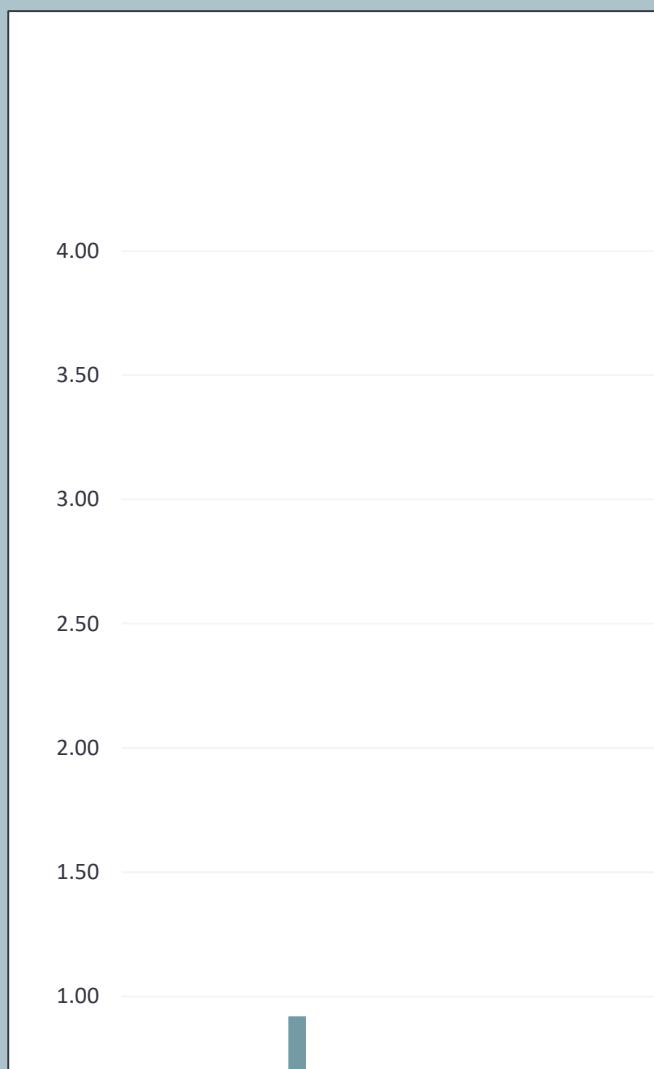
0.00
0.00

Combined area lost from baseline

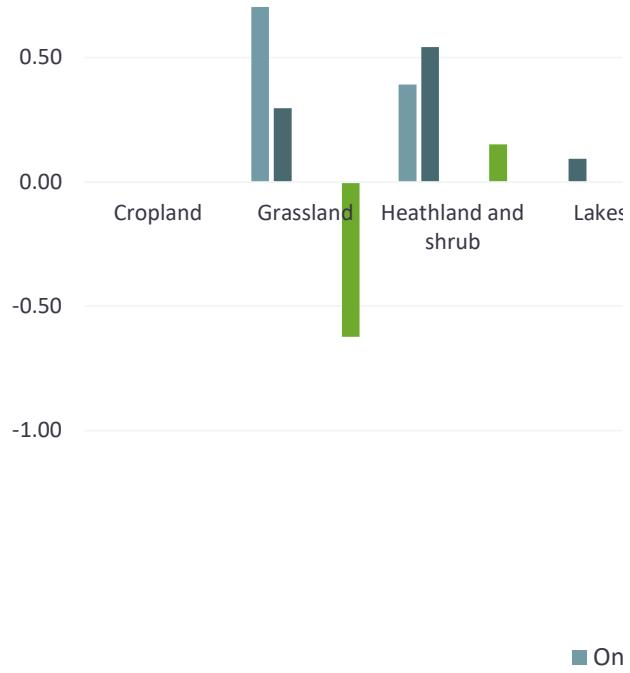
e change	
	On-site unit change
	0.00
	-0.62
	0.15
	0.09
	0.00
	-0.05
	0.00
	0.00
	0.00
	0.00
	0.00
	0.00
	0.00
	0.51

band	
Category	Area lost (hectares)
V.High	0
High	0
Medium	0.0423
Low	0.41
V.Low	0.01

e 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
	0.00



Combined unit change	0.00
On-site unit change	-0.62
On-site unit change	0.15
On-site unit change	0.09
On-site unit change	0.00
On-site unit change	-0.05
On-site unit change	0.00
On-site unit change	0.51

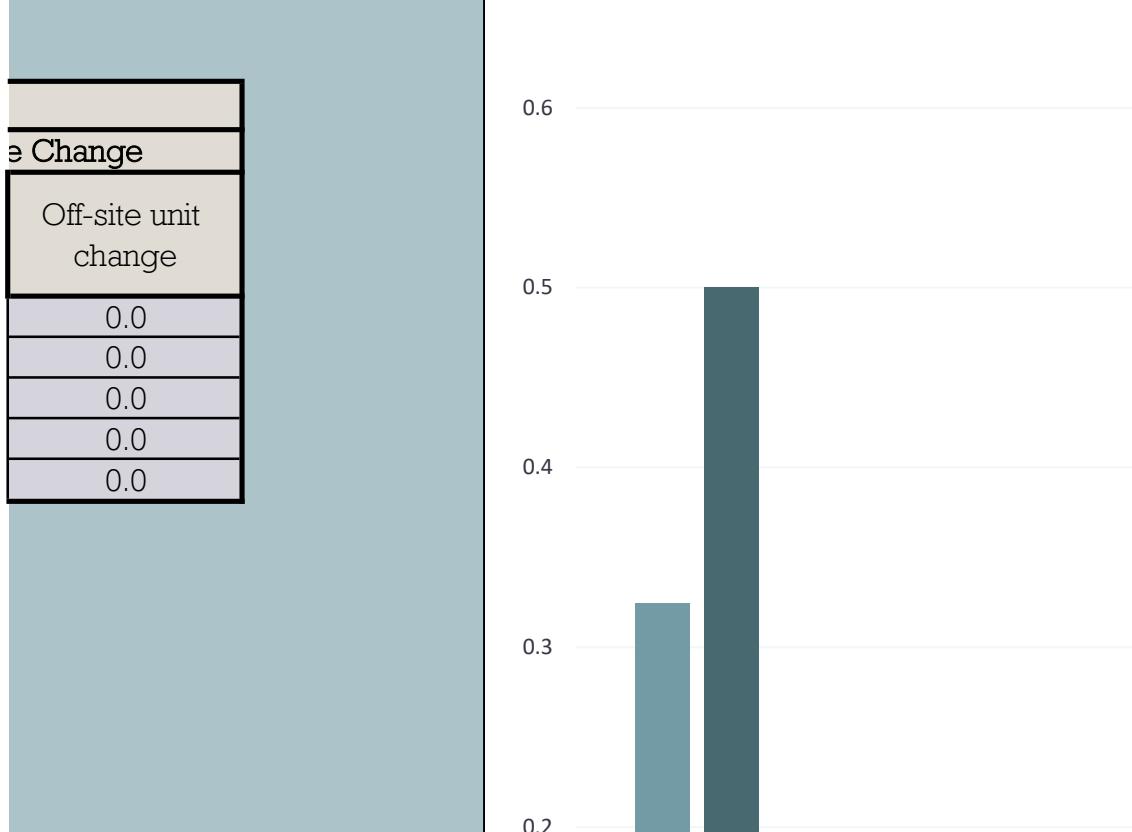


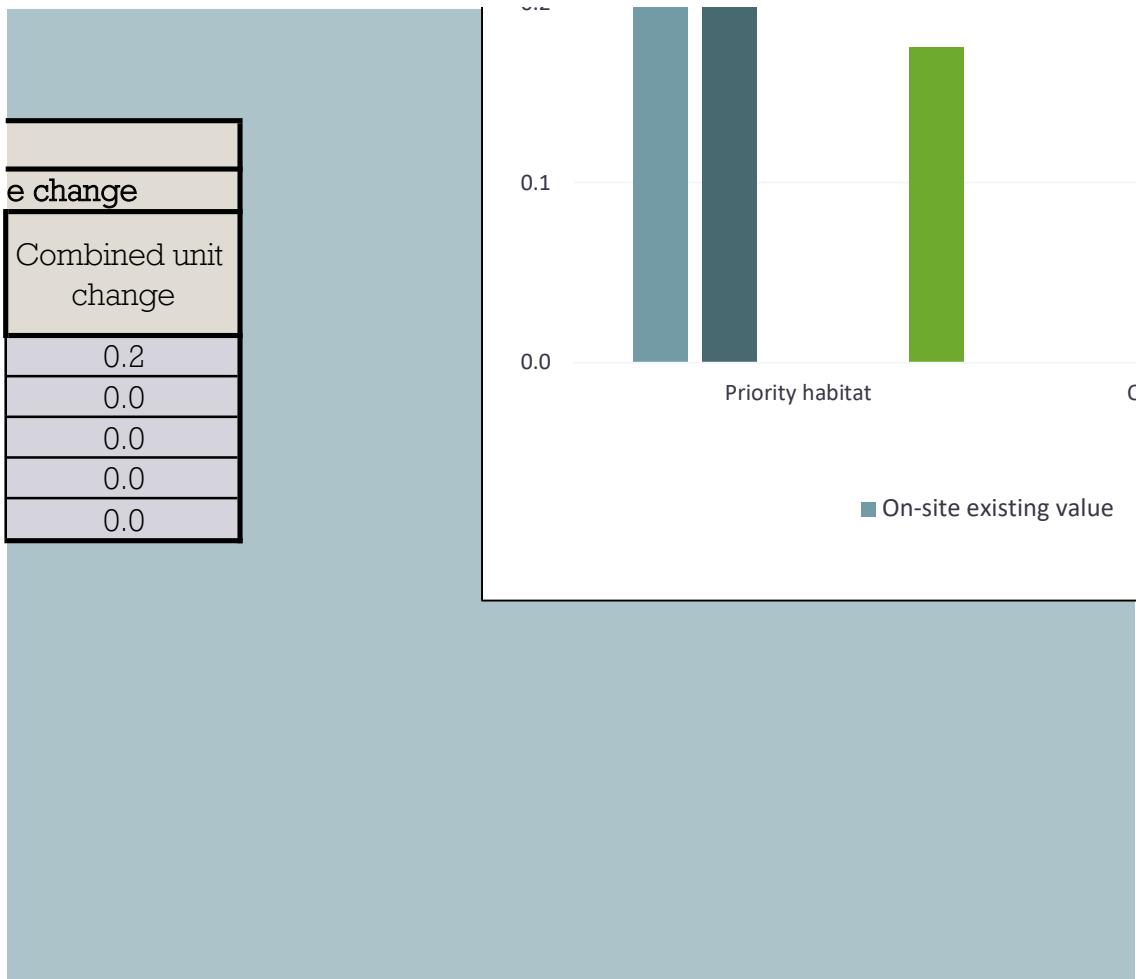
Combined length lost from distinctiveness by land use	0.00
On-site unit change	0.00

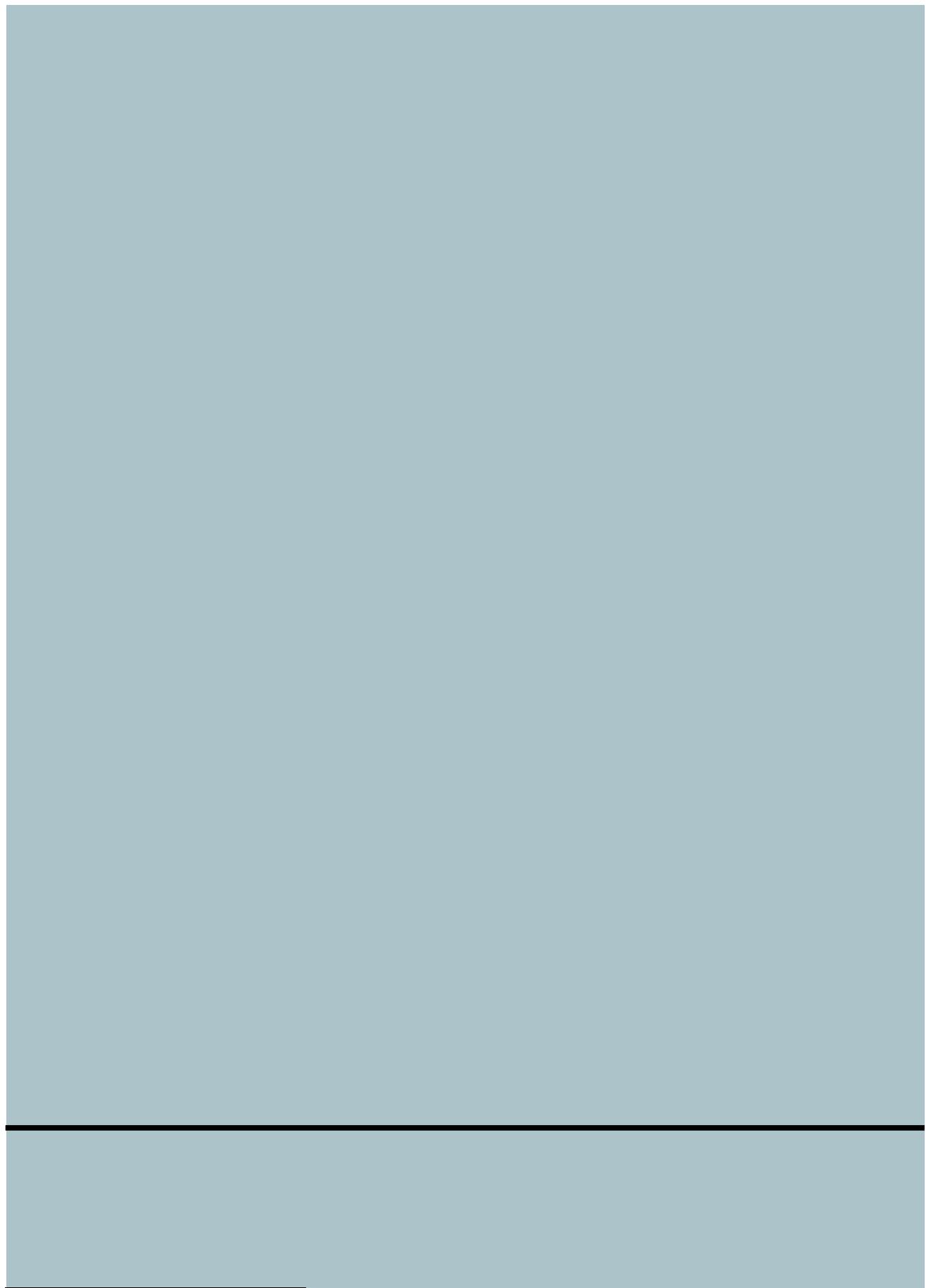
Combined length lost from distinctiveness by land use	
Category	Length lost (km)
V.High	0
High	0
Medium	0
Low	0
V.Low	0



Combined length lost from distinctiveness loss	
Category	Length lost (km)
V. High	0
High	0
Medium	0
Low	0

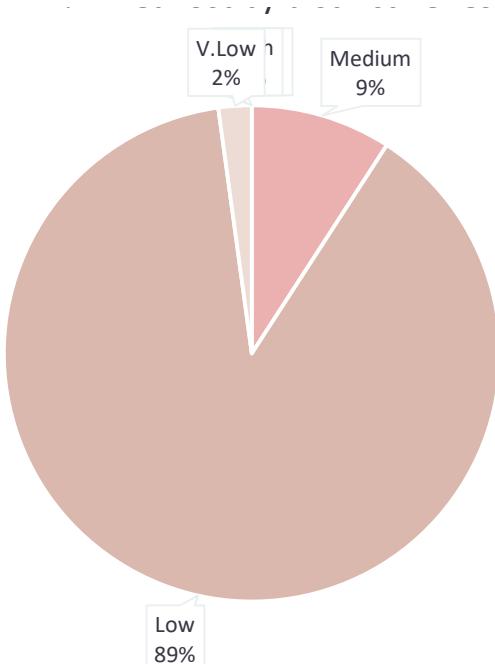
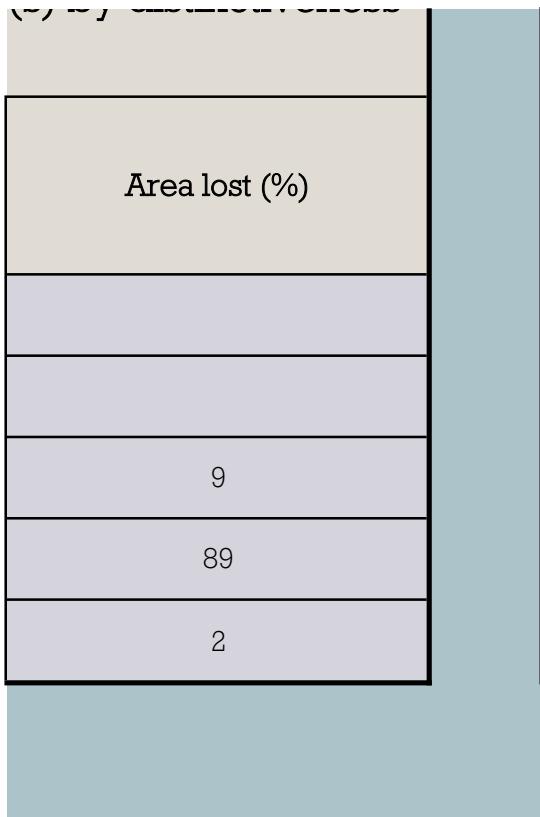






(s) by distinctiveness

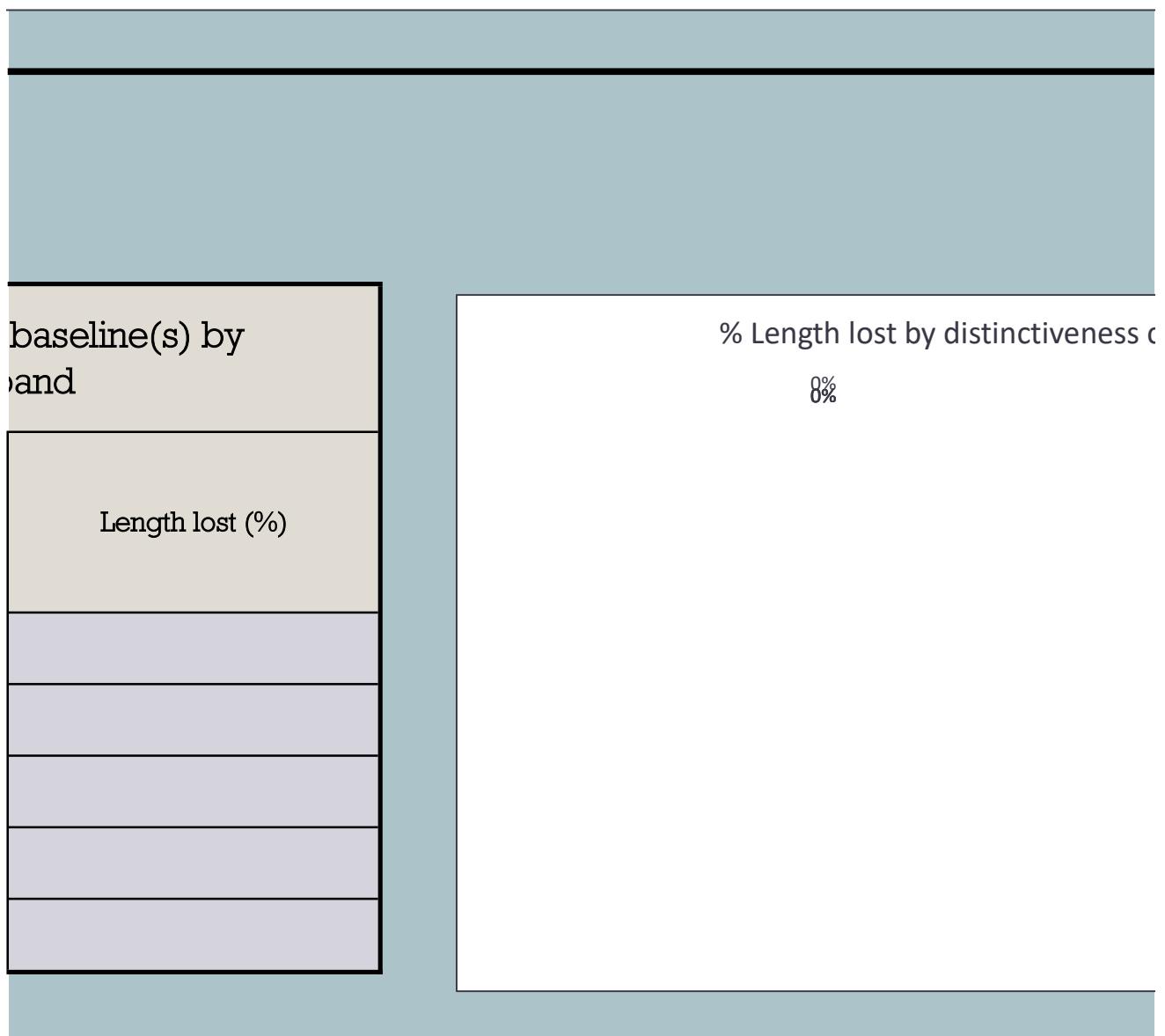
% Area lost by distinctiveness cat



Biodiversity unit change by habitat group



■ On-site existing value ■ On-site proposed value ■ Off-site existing value ■ Off-site proposed value ■ Construction



Hedgerow biodiversity unit change

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

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

baseline(s) by
and

Length lost (%)

% Length lost by
distinctiveness catego
0%

Watercourse biodiversity unit change

Other rivers and streams

Ditches

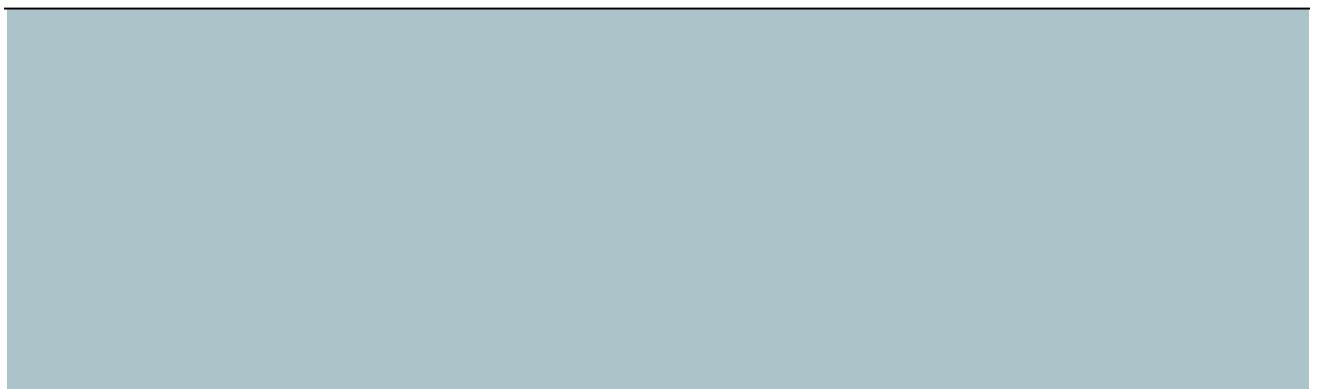
Canals

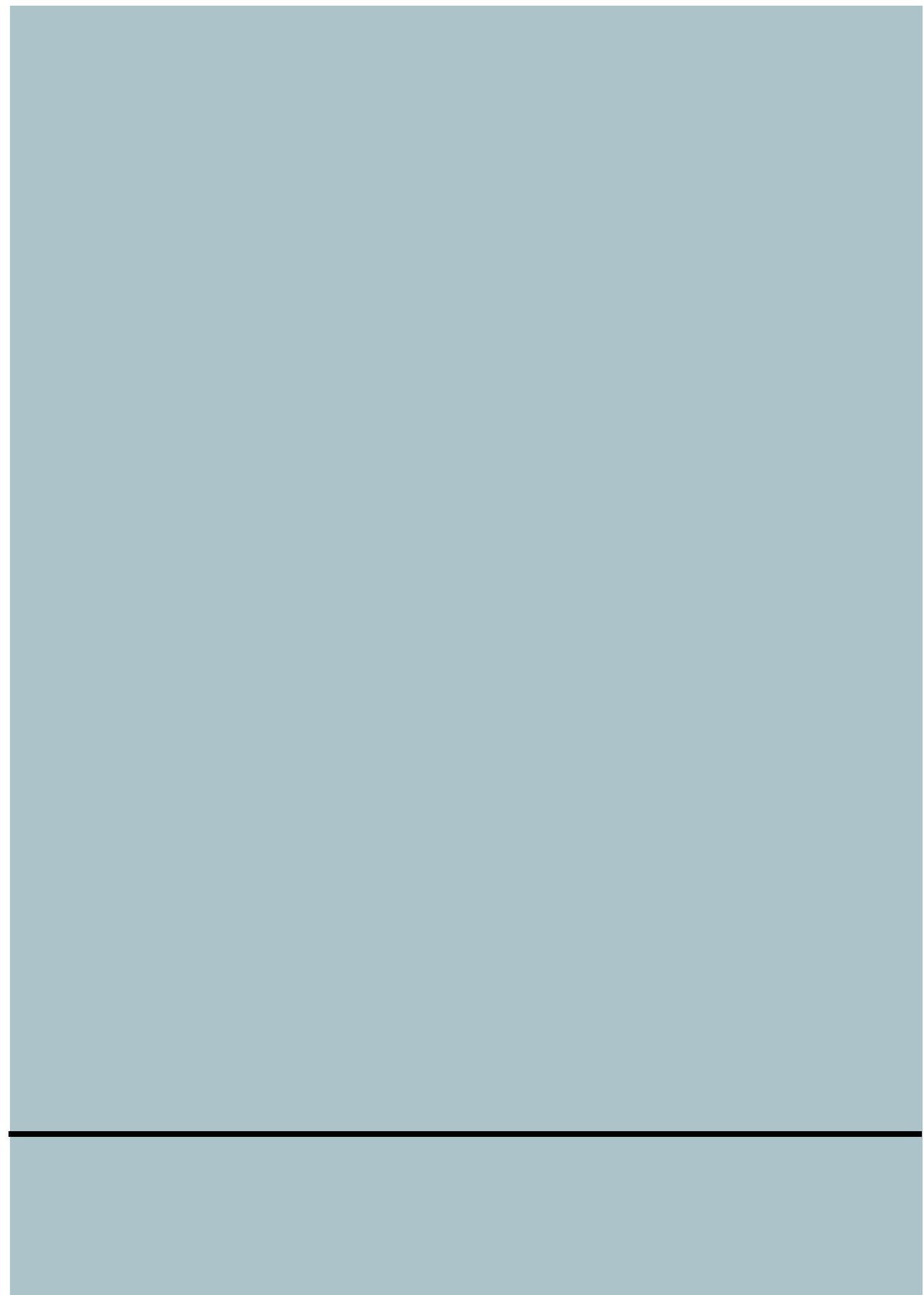
■ On-site proposed value

■ Off-site existing value

■ Off-site proposed value

■ Combined unit change



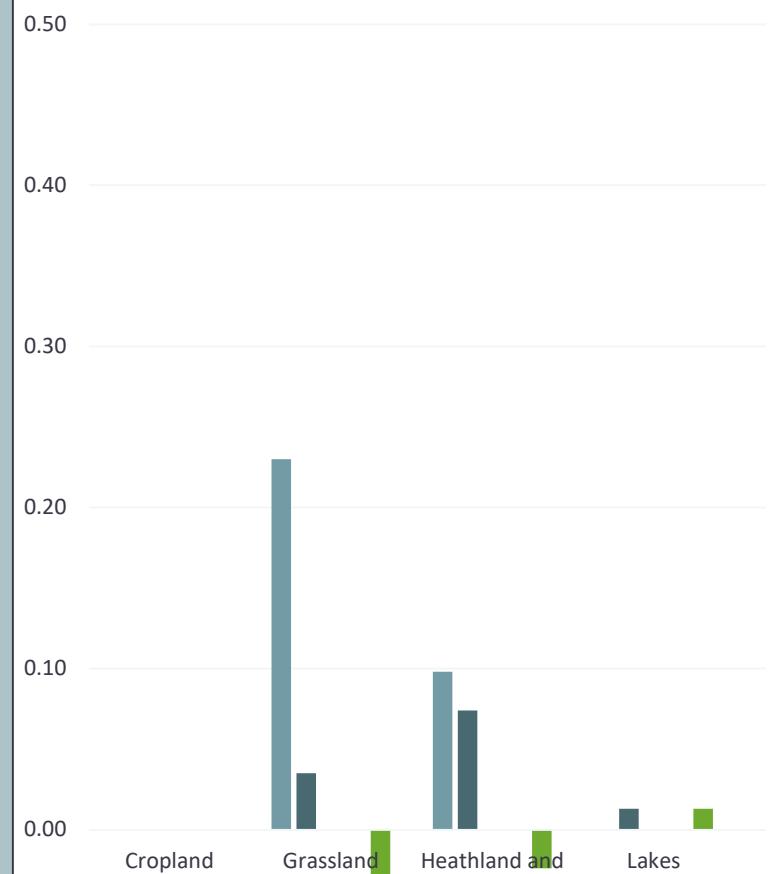
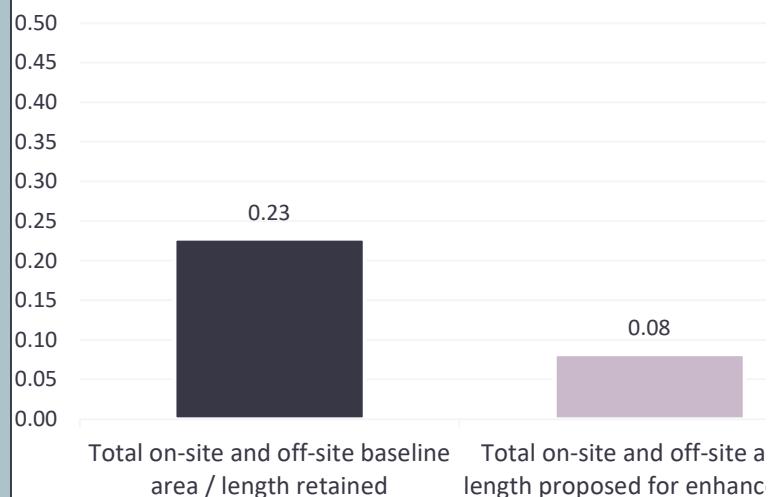


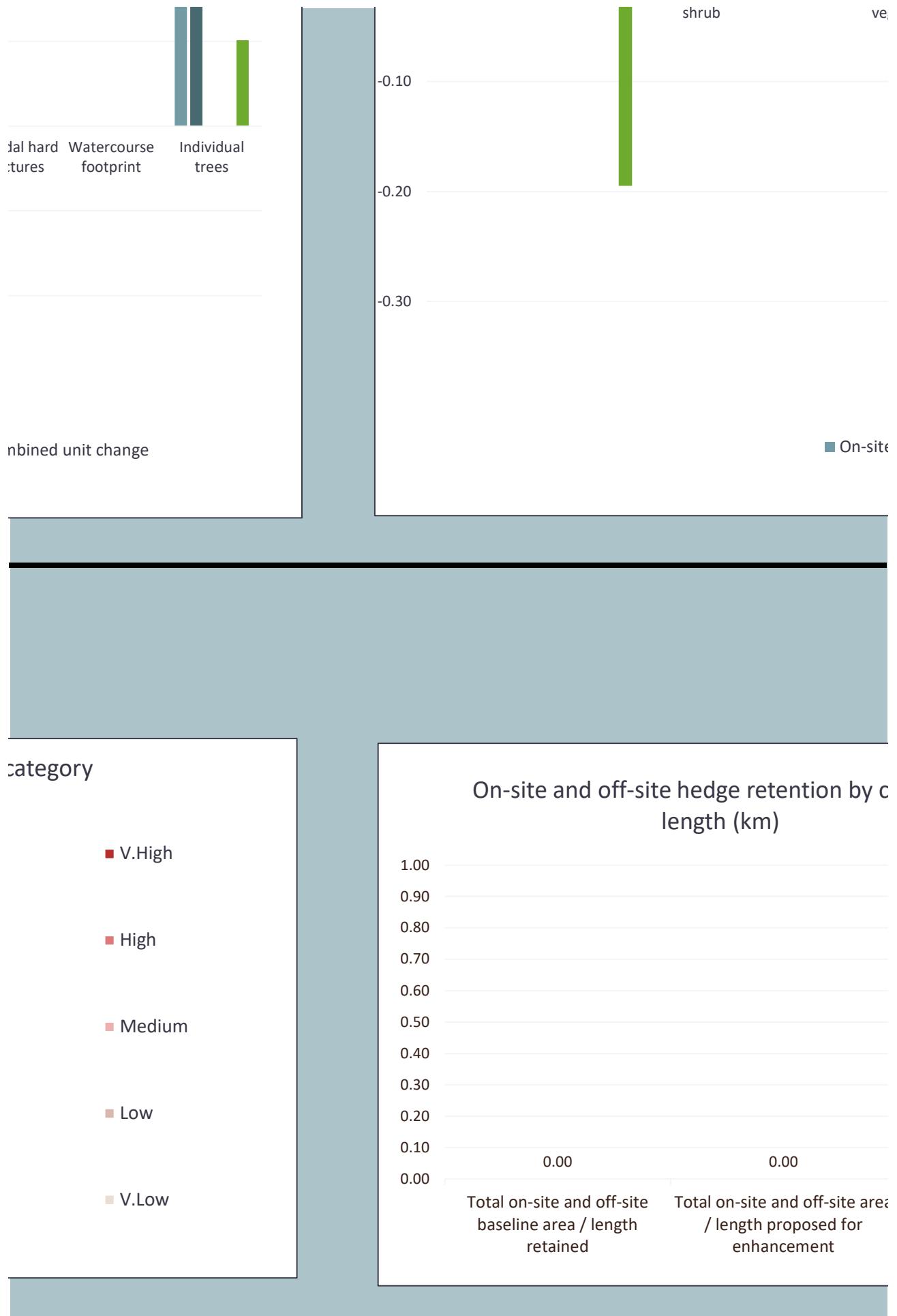
egory

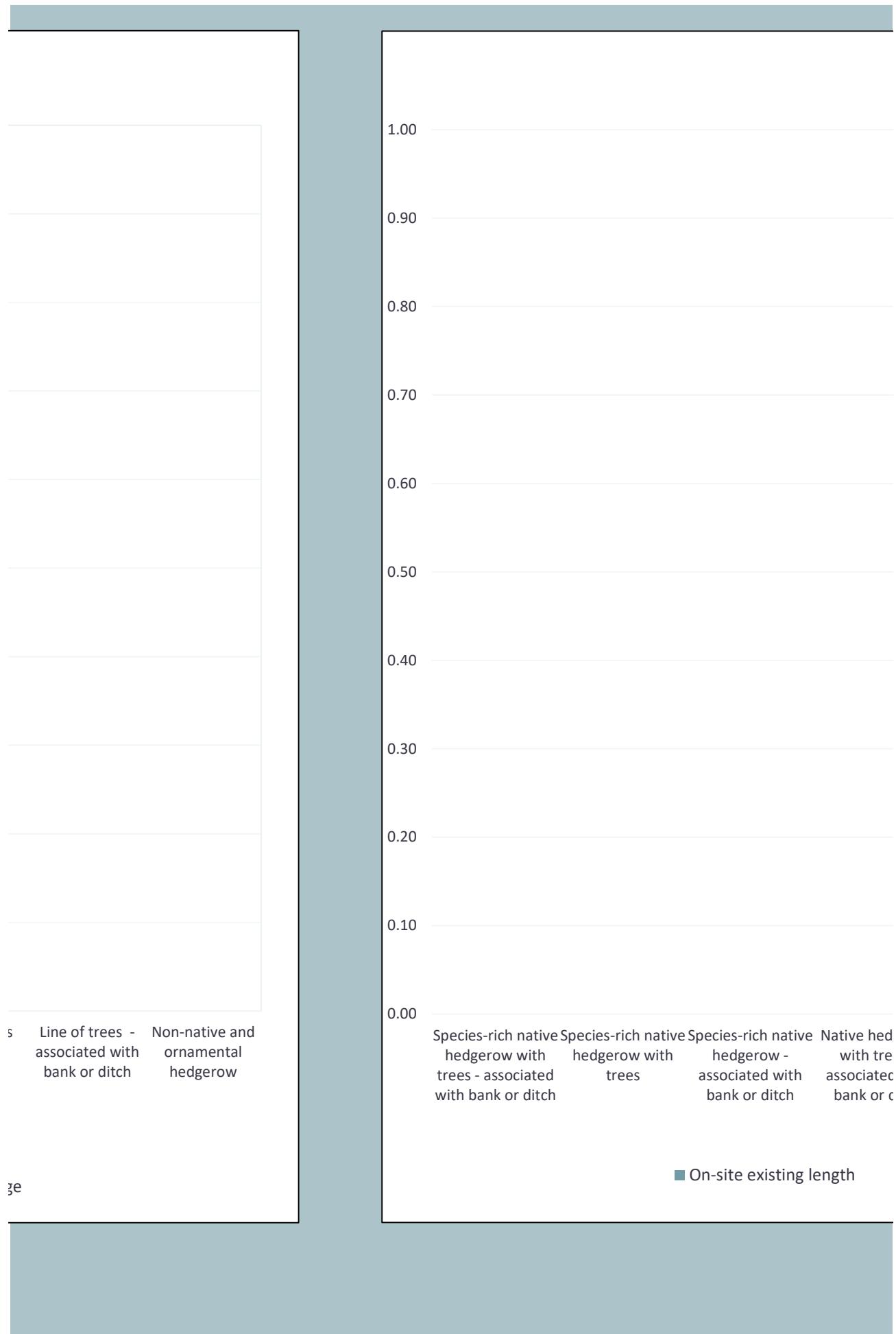
© Arun District Council 2017. All rights reserved.

■ V.High
■ High
■ Medium
■ Low
■ V.Low

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



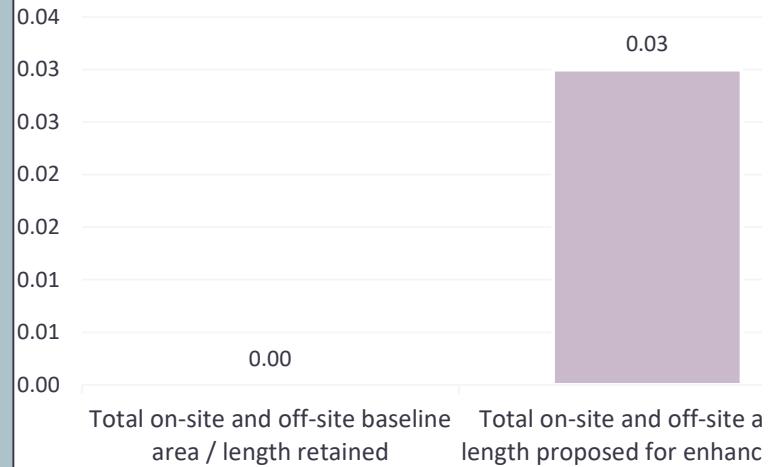


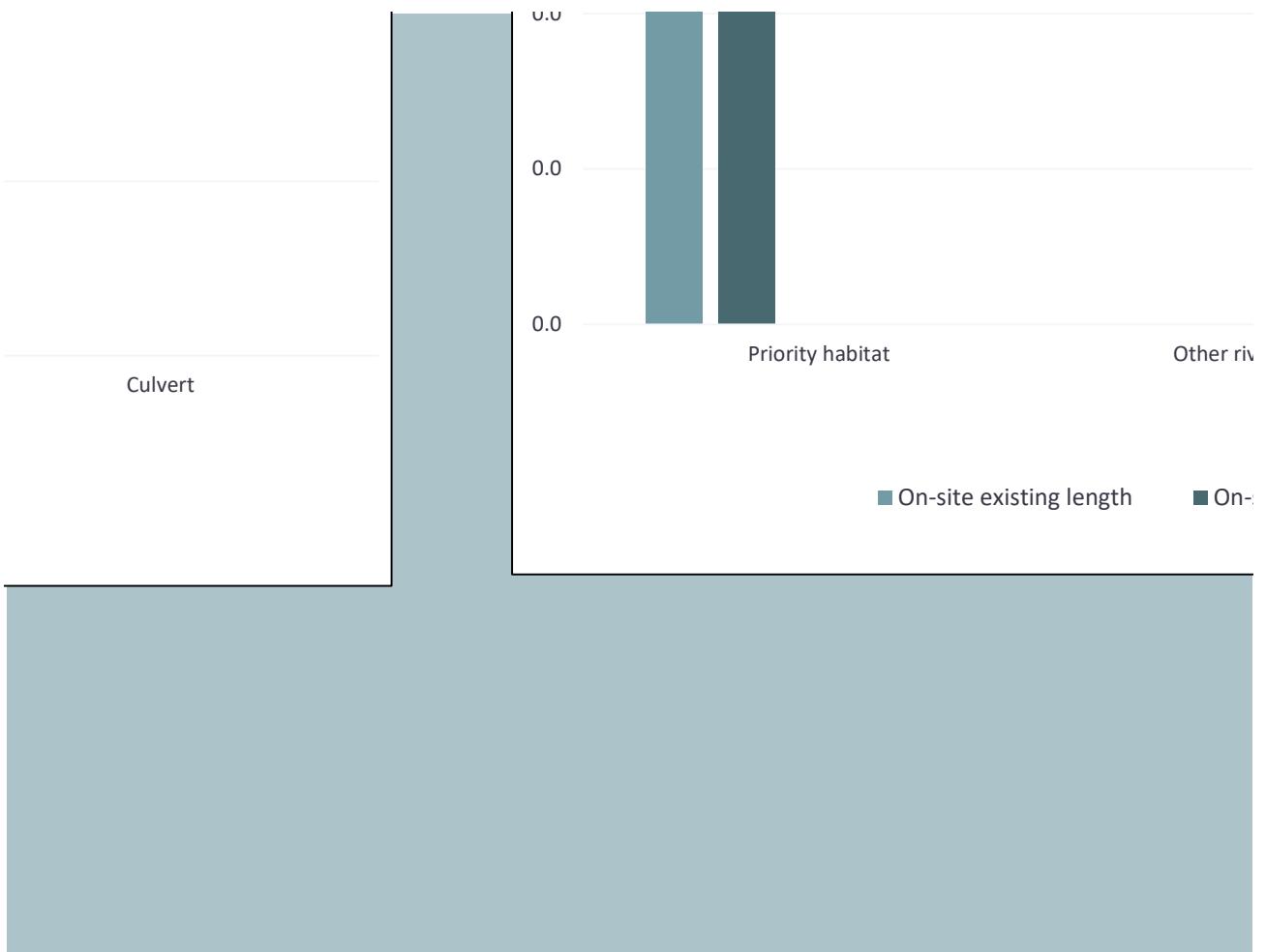


dry

- V.High
- High
- Medium
- Low

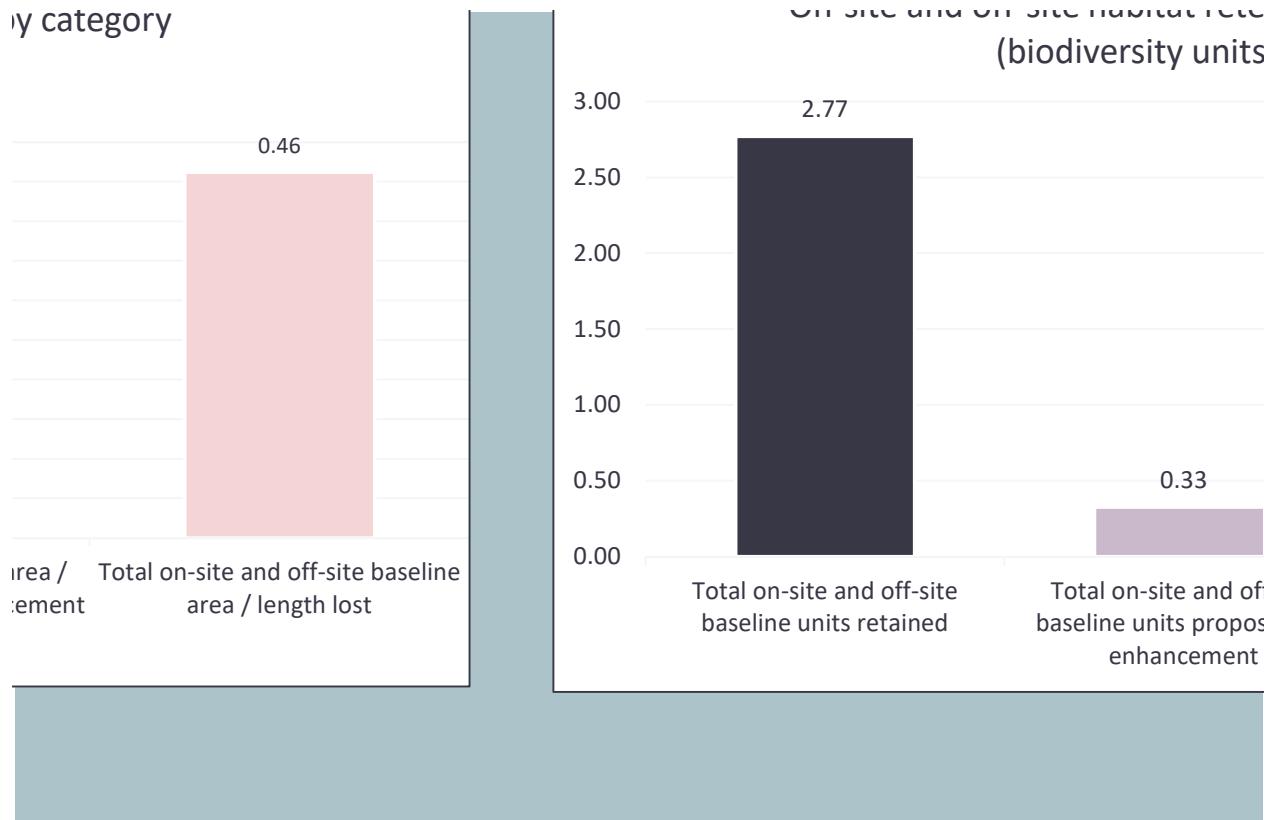
Watercourse length retained, proposed to lost (length km)



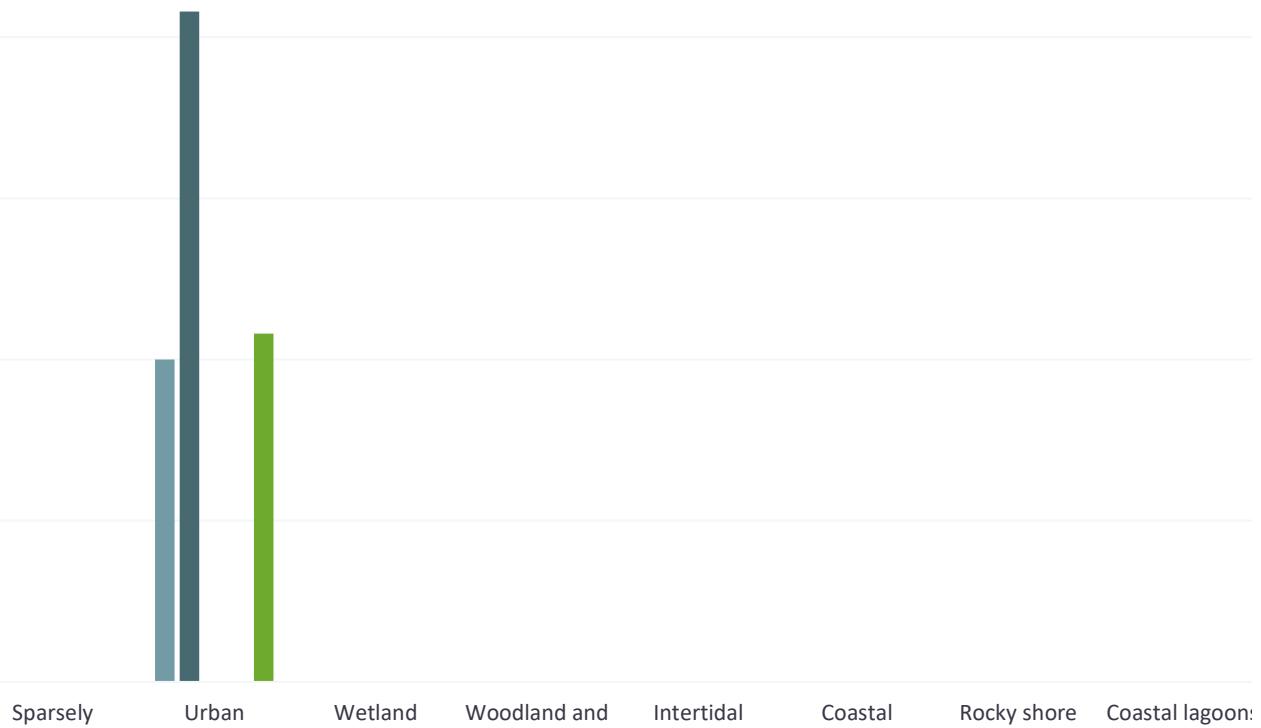


On-site and off-site habitat rete

Key category



Area change by habitat group (hectares)



vegetated land

forest

sediment

saltmarsh

existing area

On-site proposed area

Off-site existing area

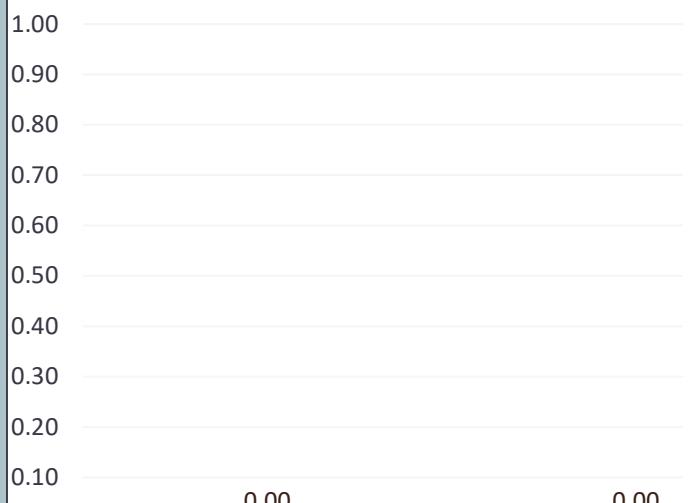
Off-site proposed area

Combi

category

0.00
a Total on-site and off-site
baseline area / length lost

On-site and off-site hedge rete
(biodiversity unit)



Hedgerow length change (km)

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

■ On-site proposed length

■ Off-site proposed length

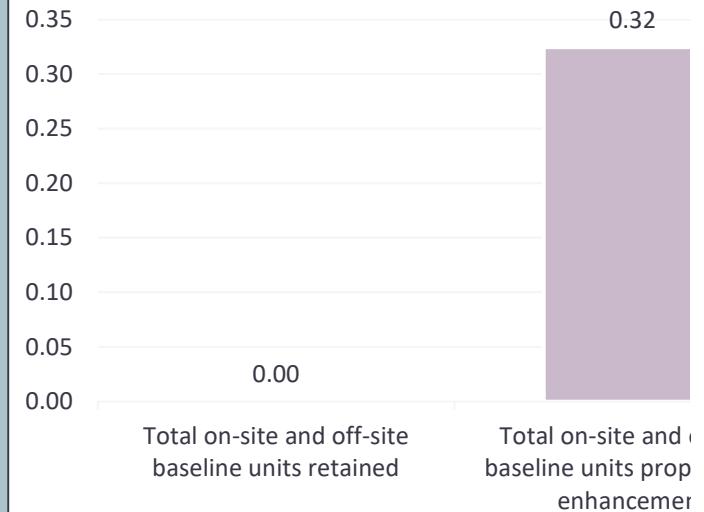
■ Off-site existing length

■ Combined length

for enhancement or

0.00
area / Total on-site and off-site baseline
cement area / length lost

Watercourse retention c
(watercourse biodiversit



Watercourse length change (km)

vers and streams

Ditches

Canals

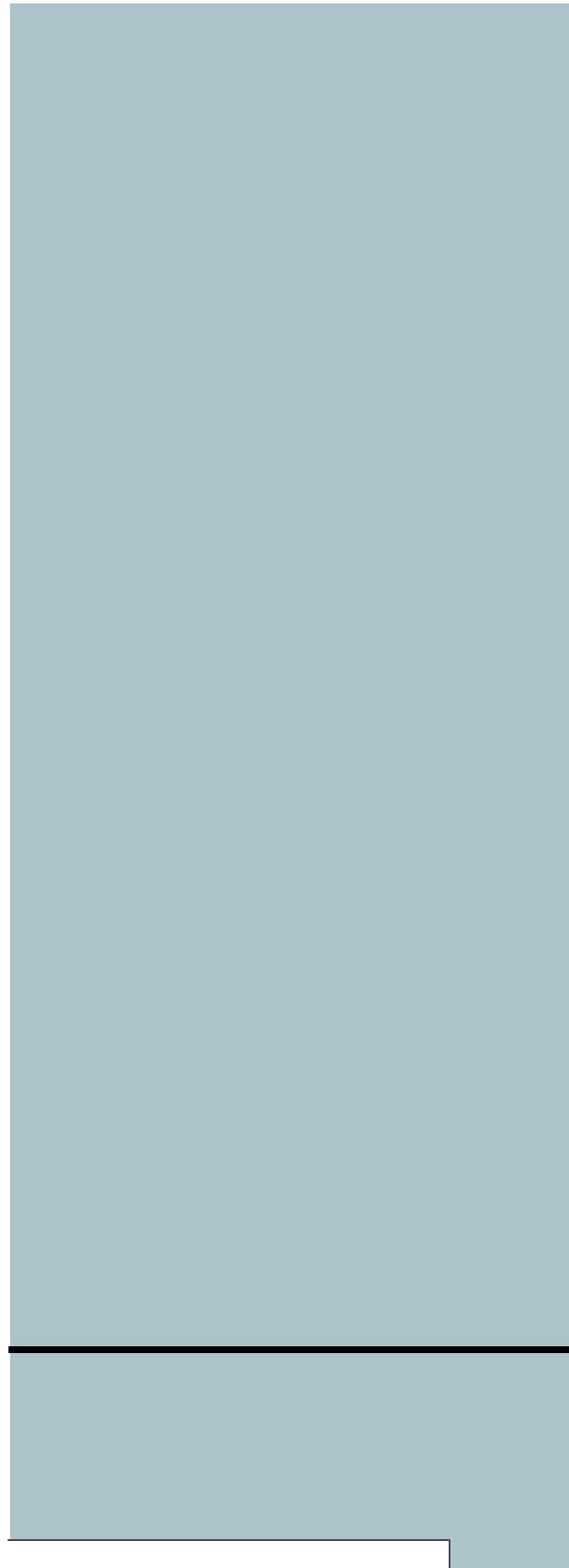
site proposed length

■ Off-site existing length

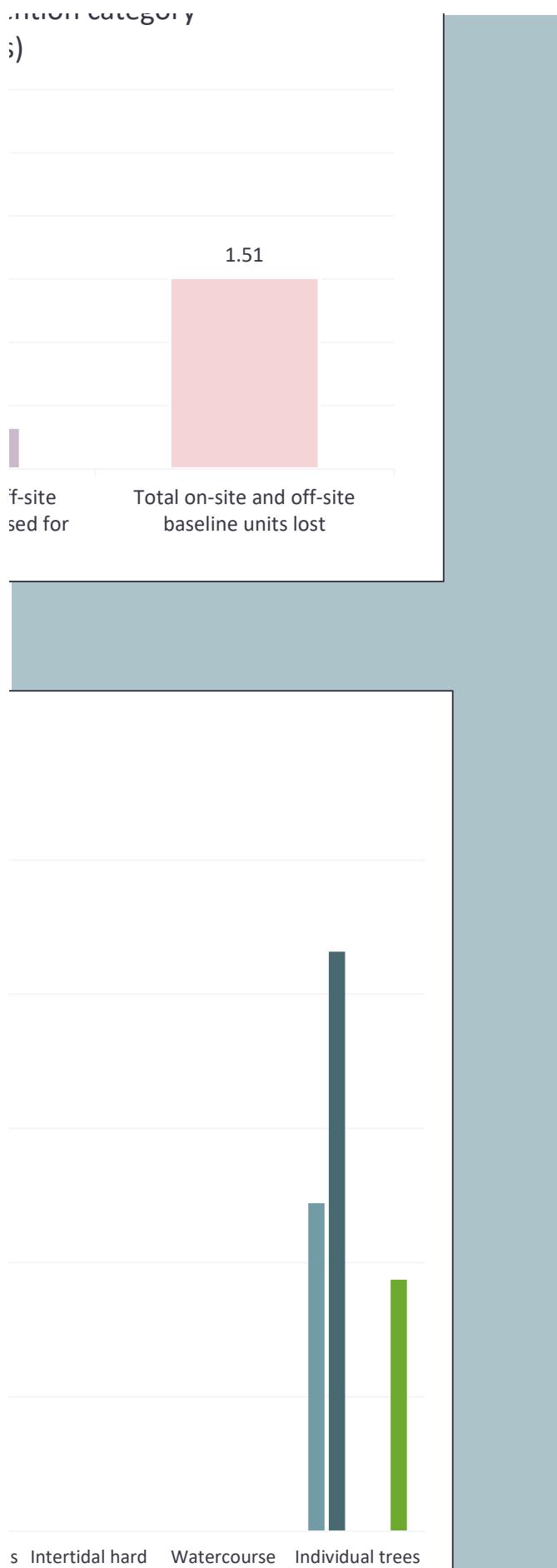
■ Off-site proposed length

■ Combined length change





Section category



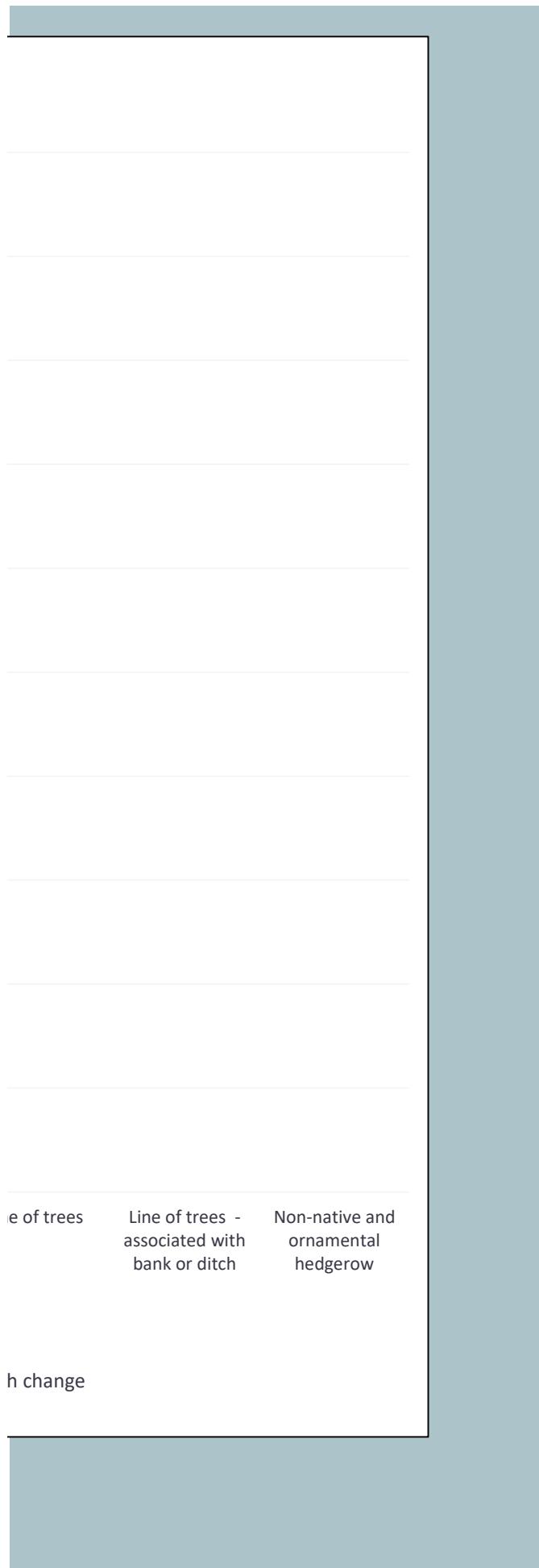
structures footprint

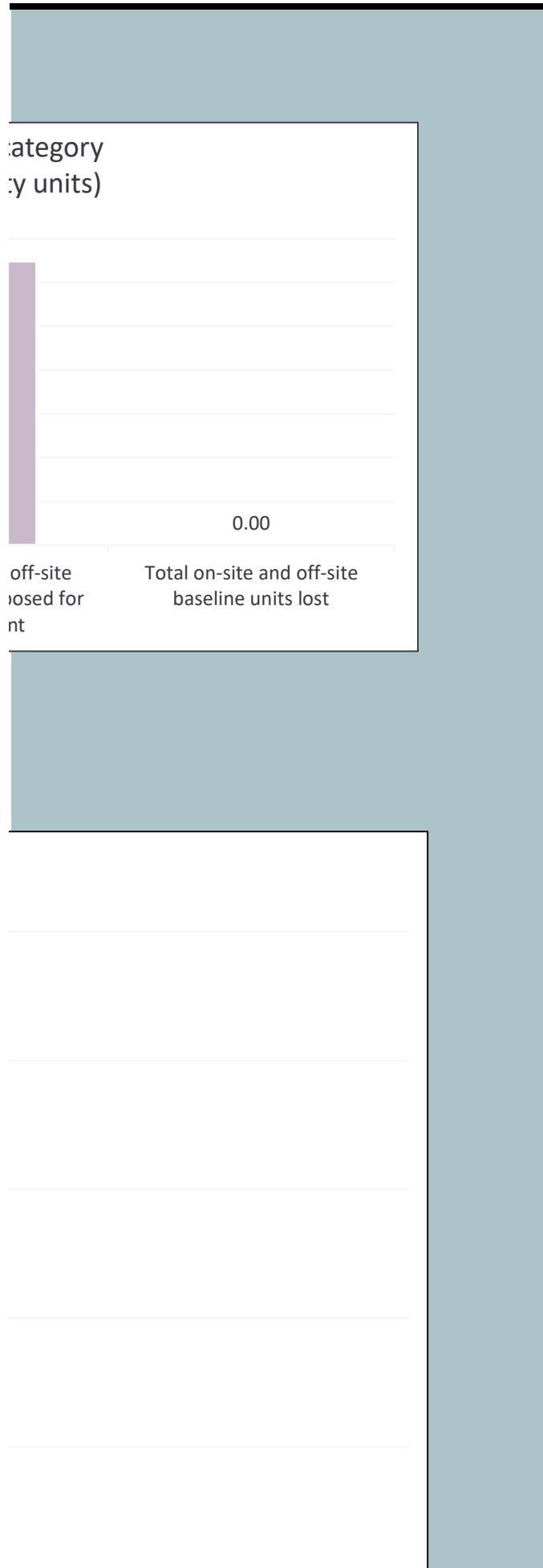
ined area change

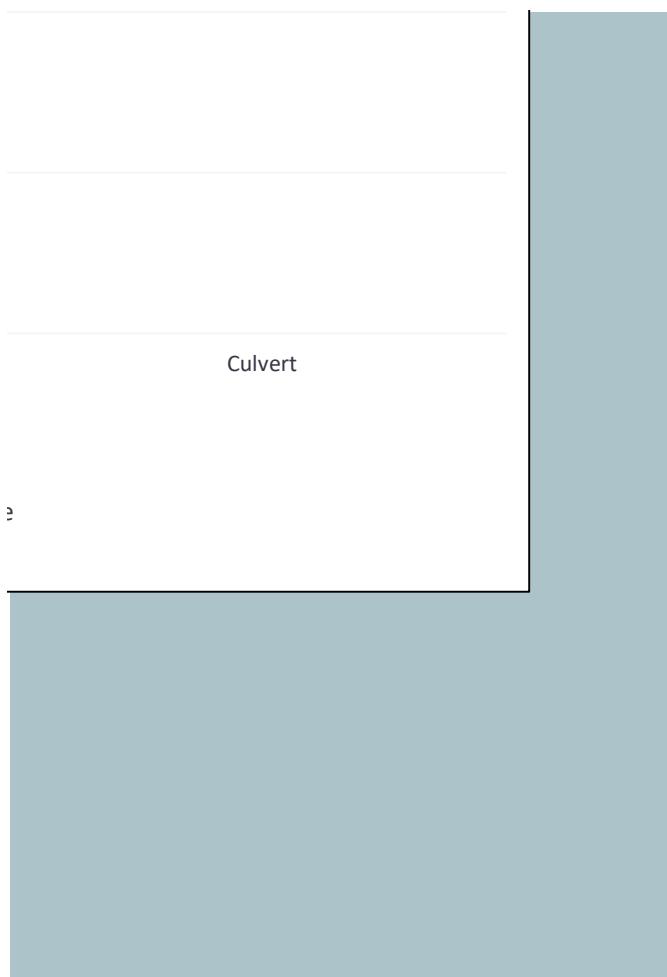
ention category
ts)

0.00

·site baseline Total on-site and off-site baseline
nhancement units lost







Culvert

2

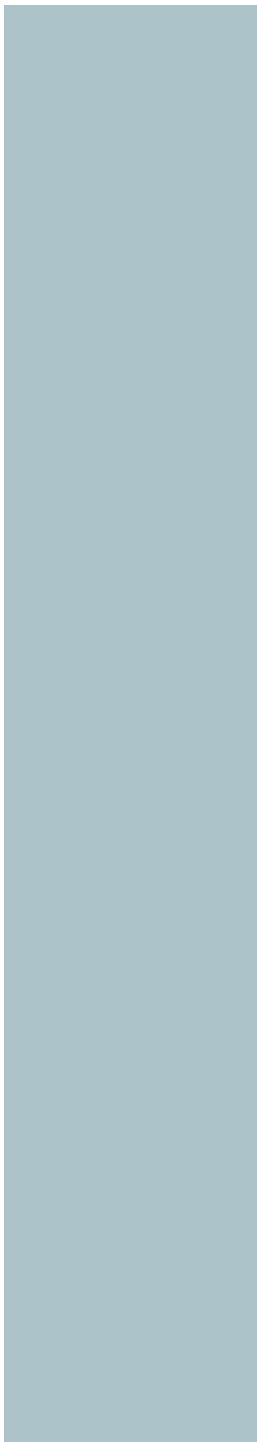
Return to
results
menu

Trading
summary
hedgerows

Trading
summary
watercourses



II



Tradit

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

Sparingly vegetated land - Calaminarian grasslands

Sparingly 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 I

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)
Sparingly vegetated land - Coastal sand dunes
Sparingly vegetated land - Coastal vegetated shingle
Sparingly vegetated land - Inland rock outcrop and scree habitats
Sparingly vegetated land - Maritime cliff and slopes
Urban - Open mosaic habitats on previously developed land
Wetland - Reedbeds
Woodland and forest - Felled/Replacement for felled woodland
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

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

Sparingly 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 (IGG)

Low D

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
Sparingly vegetated land - Ruderal/ephemeral
Sparingly 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

ng Summary

Trading Rule

Same habitat required – bespoke compensation option Δ

Same habitat required =

Same broad habitat or a higher distinctiveness habitat required (\geq)

Same distinctiveness or better habitat required \geq

h 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

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
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
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
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
	0.00	0.00	0.00

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	0.30	0.00	0.30
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
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	0.15	0.00	0.15
Lakes	0.09	0.00	0.09
Lakes	0.00	0.00	0.00
Sparingly vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00
Individual trees	0.51	0.00	0.51
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
	1.05	0.00	1.05

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	
Cropland	0.00	0.00	
Cropland	0.00	0.00	
Grassland	-0.92	0.00	
Grassland	0.00	0.00	
Heathland and shrub	0.00	0.00	
Lakes	0.00	0.00	
Sparsely vegetated land	0.00	0.00	
Sparsely vegetated land	0.00	0.00	
Urban	0.00	0.00	
Urban	-0.38	0.00	
Urban	0.00	0.00	
Urban	0.33	0.00	
Woodland and forest	0.00	0.00	
Coastal saltmarsh	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal hard structures	0.00	0.00	
Intertidal hard structures	0.00	0.00	
Heathland and shrub	0.00	0.00	
	-0.97	0.00	

Trading Satisfied?

Yes ✓

Yes ✓

Yes ✓

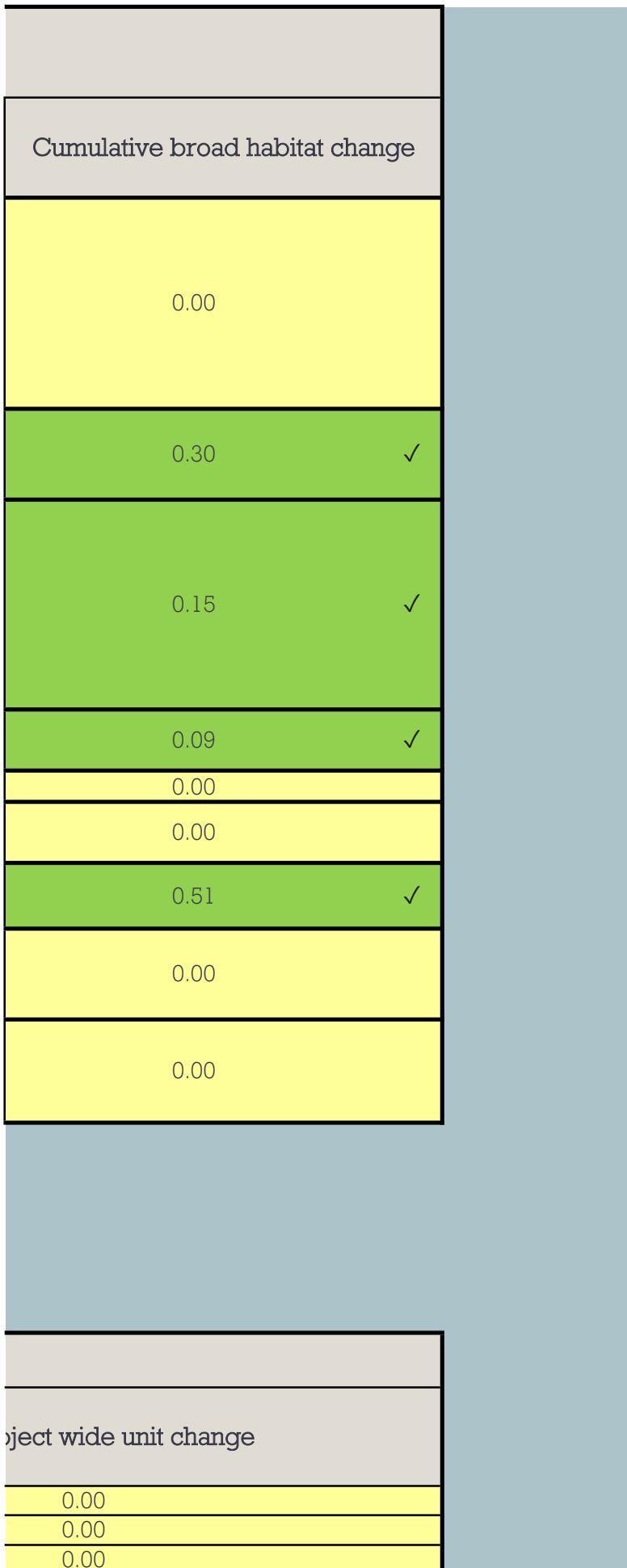
Yes ✓

Unit losses

0.00

Losses not yet accounted for

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 Summary

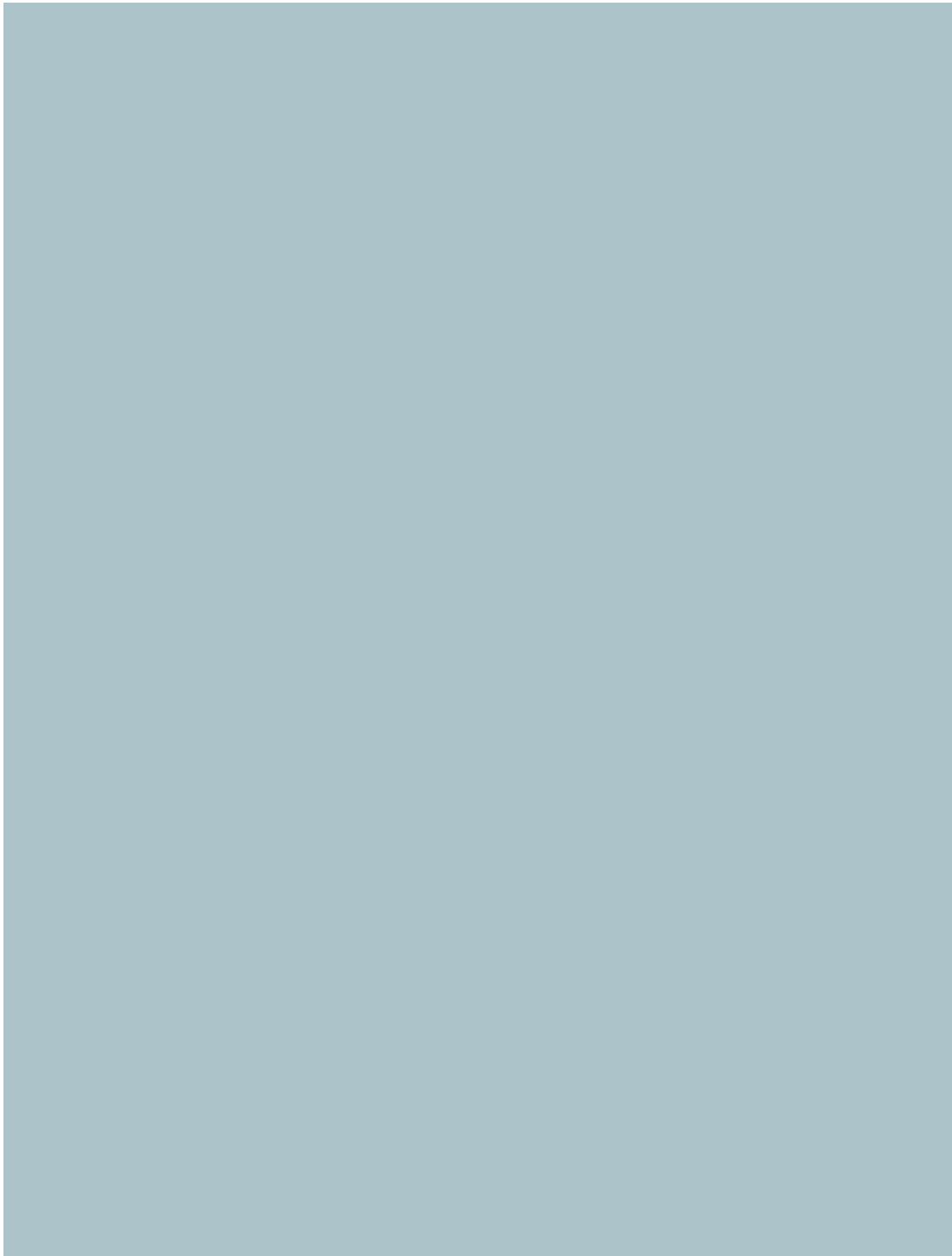
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	1.05	✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00	
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00	
Cumulative surplus of units	1.05	✓

Low Distinctiveness Summary

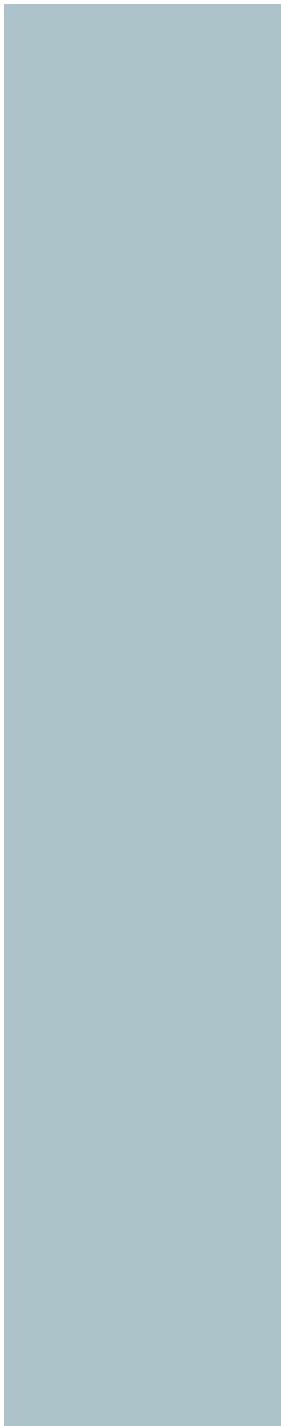
Low Distinctiveness net change in units	-0.97	⚠
Cumulative surplus of units	0.08	✓



Return to
results
menu

Trading
summary area
habitats

Trading
summary
watercourses



Trad

Distinctiveness Group

Very High

High

Medium

Low

Very Low

Very High Distinctiveness Group

Habitat group

Species-rich native hedgerow with trees - associated with bank or ditch

High Distinctiveness Group

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 Group

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 Distinctiveness

Habitat group

Native hedgerow

Line of trees

Line of trees - associated with bank or ditch

Very Low Distinctiveness

Habitat group

Non-native and ornamental hedgerow

Trading Summary

Trading Rule	Trade
Same habitat required =	
Like for like or better	
Same distinctiveness or better habitat required	
Same distinctiveness or better habitat required	
Same distinctiveness or better habitat required	

Distinctiveness

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

Provenance

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

Distinctiveness

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

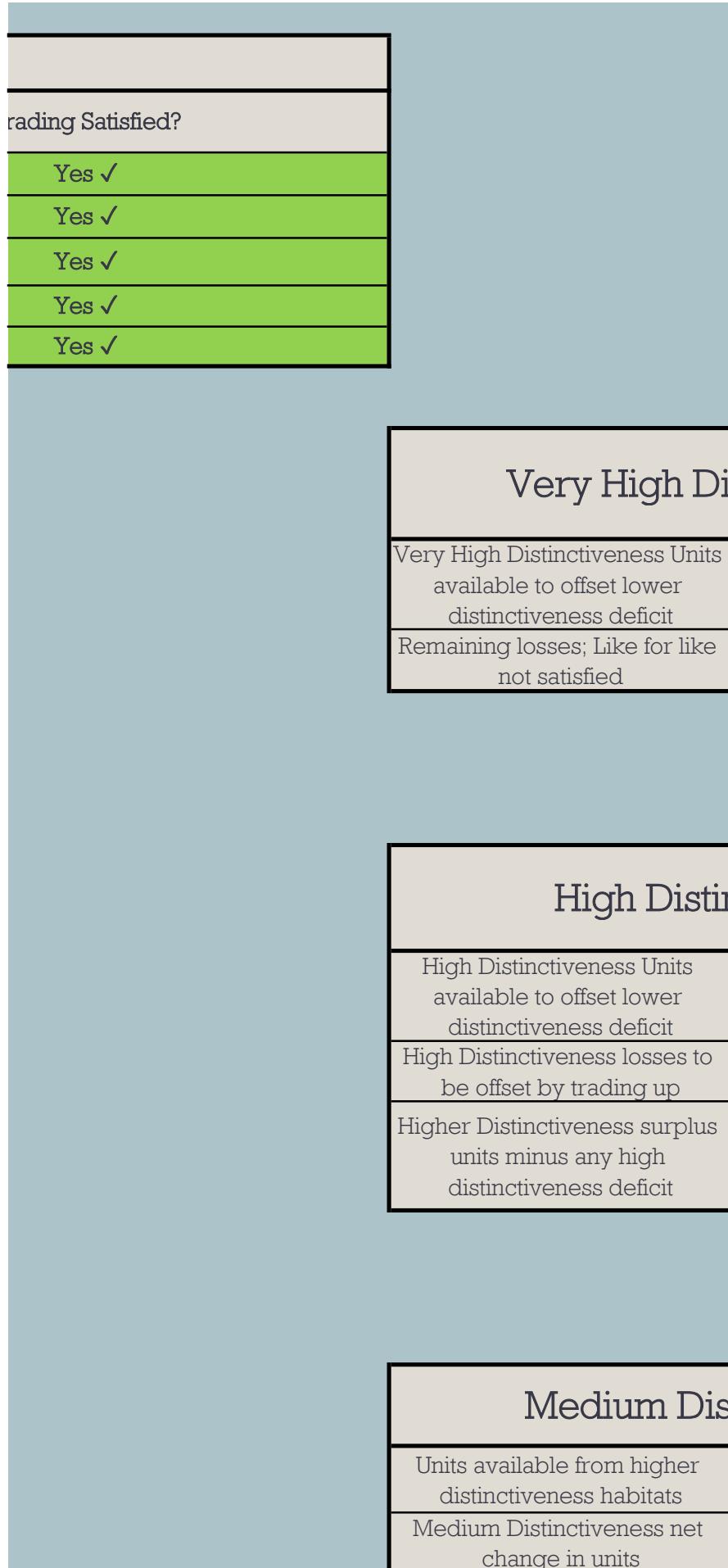
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Greenness

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

Effectiveness

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



Cumulative availability of units

Low Distin

Low Distinctiveness net
change in units

Cumulative availability of units

Very Low Dis

Very Low Distinctiveness net
change in units

Cumulative availability of units

Distinctiveness Summary

0.00

0.00

Distinctiveness Summary

0.00

0.00

0.00

Distinctiveness Summary

0.00

0.00

0.00

Distinctiveness Summary

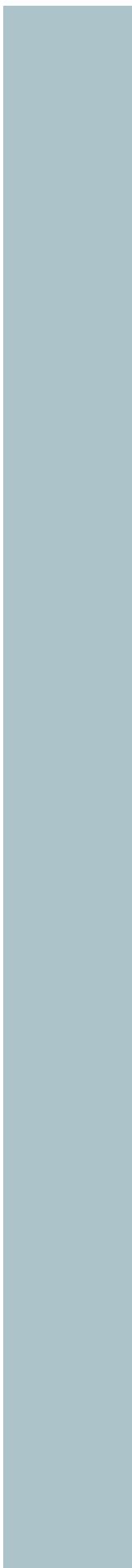
0.00

0.00

Distinctiveness Summary

0.00

0.00





Return to
results
menu

Trading
summary area
habitats

Trading
summary
hedgerows





Ditches

Canals

Low Distinctiveness

Habitat group

Culvert

Trading Summary

Trading Rule

Same habitat required – bespoke compensation option Δ

Same habitat required =

Same habitat required =

Better distinctiveness habitat required

eness

On-site unit change	Off-site unit change	Project-wide unit change	
0.18	0.00	0.18	✓
0.18	0.00	0.18	

ess

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

eness

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

0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

ESS

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 ✓

Yes ✓

Yes ✓

Yes ✓

Very High Distinctiveness Summary

Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.18	✓
Remaining losses; Like for like not satisfied	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

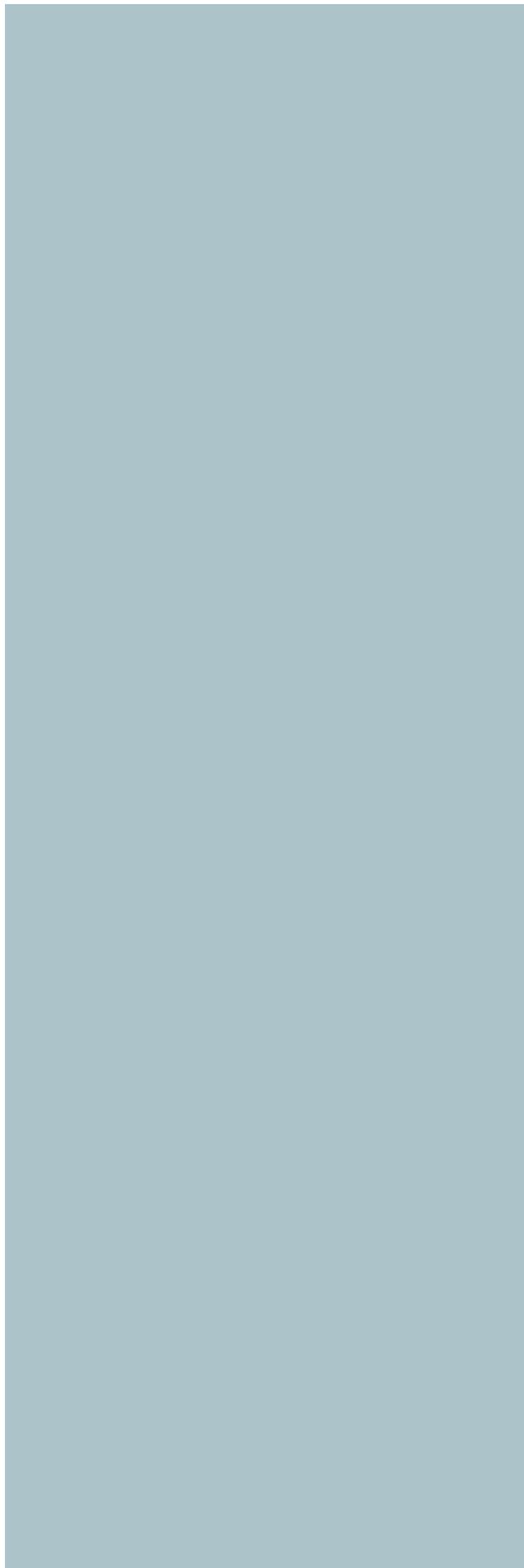
Medium Distinctiveness Summary

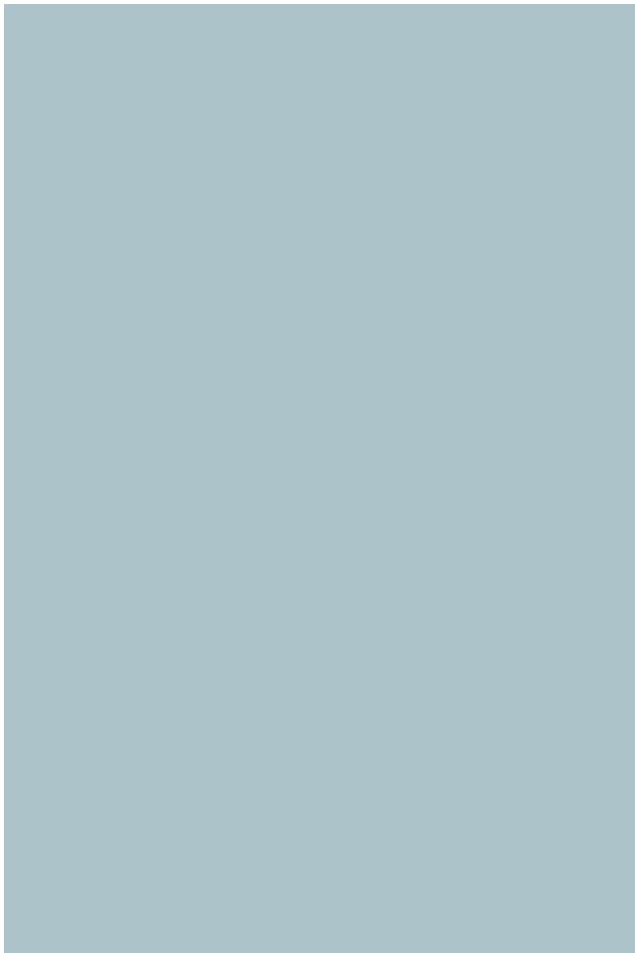
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit

0.00

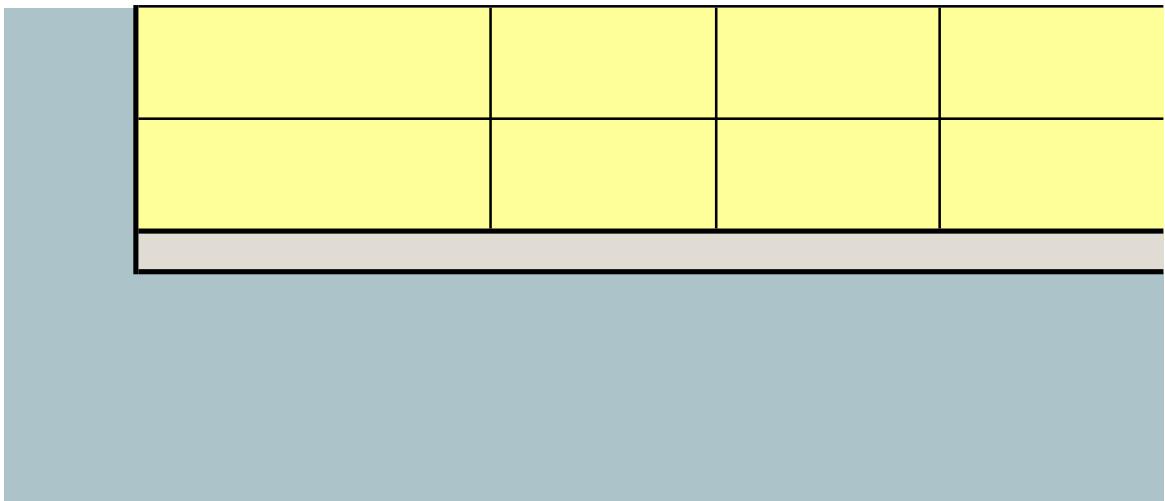
Remaining losses; Like for like not satisfied	0.00
---	------

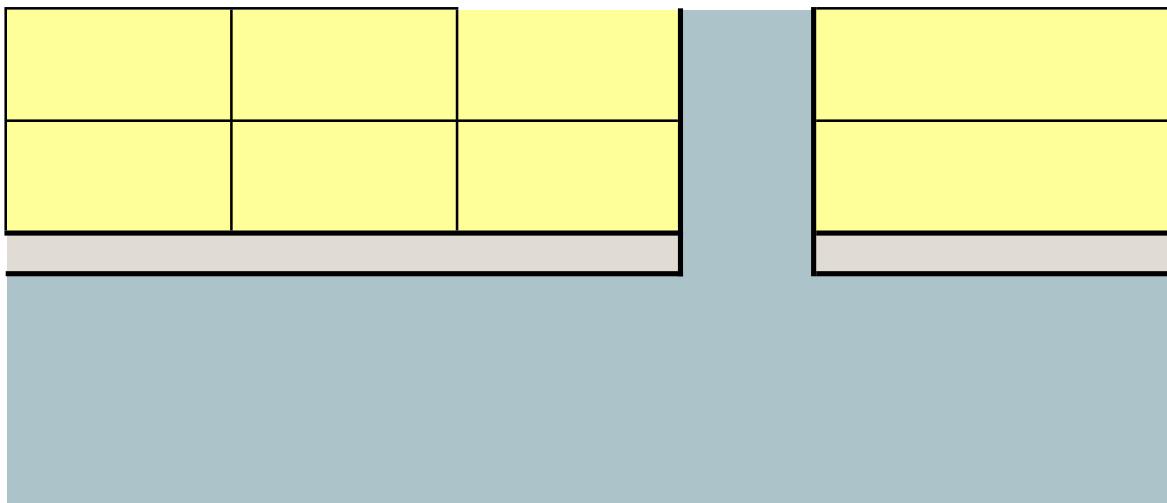
Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.18 ✓



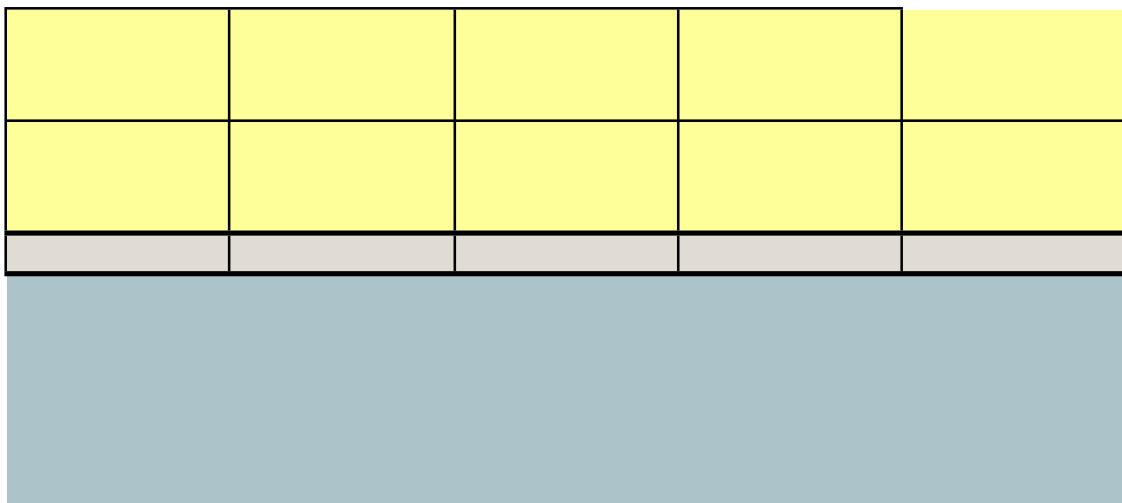


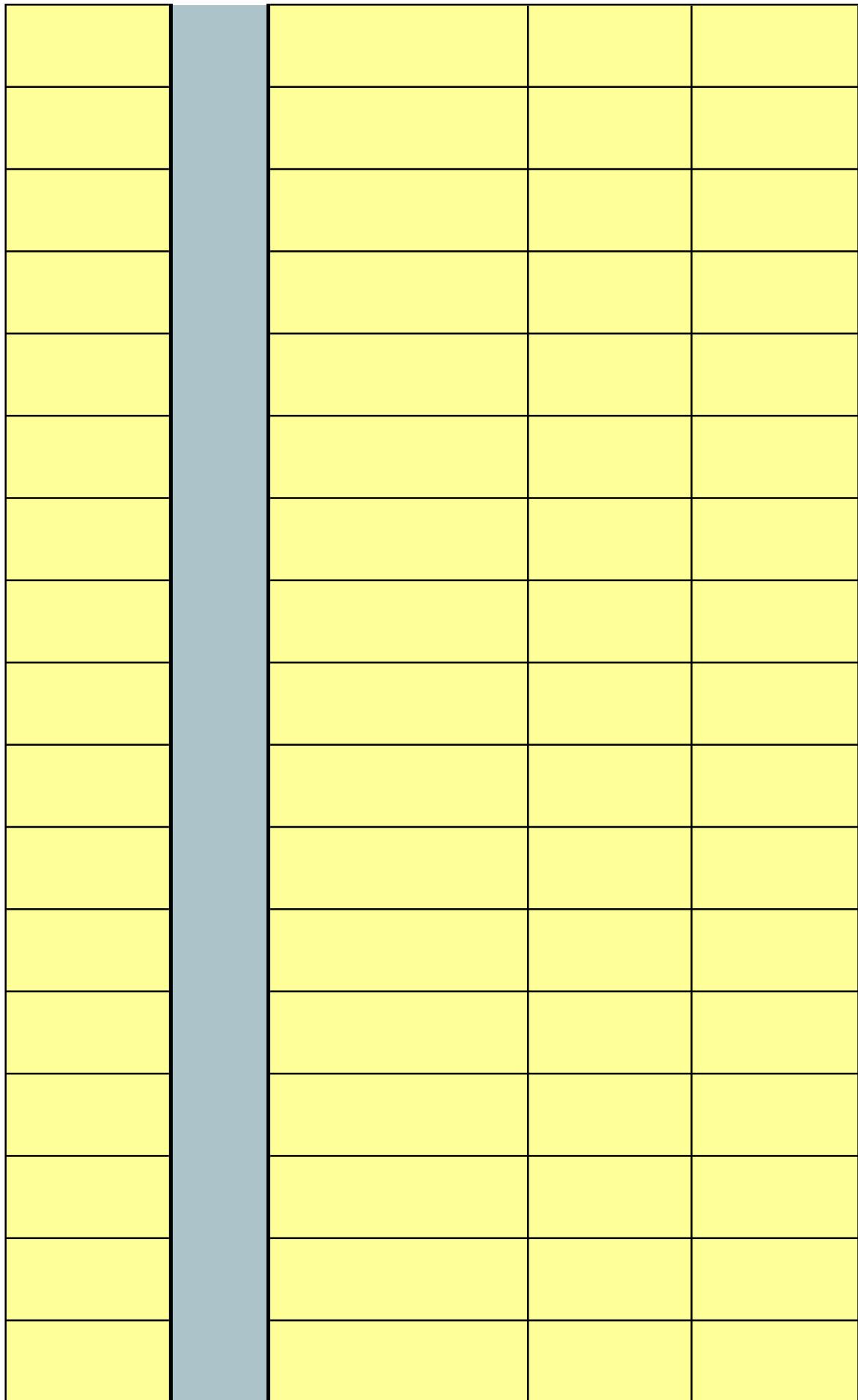
Summary of sites providing area hab

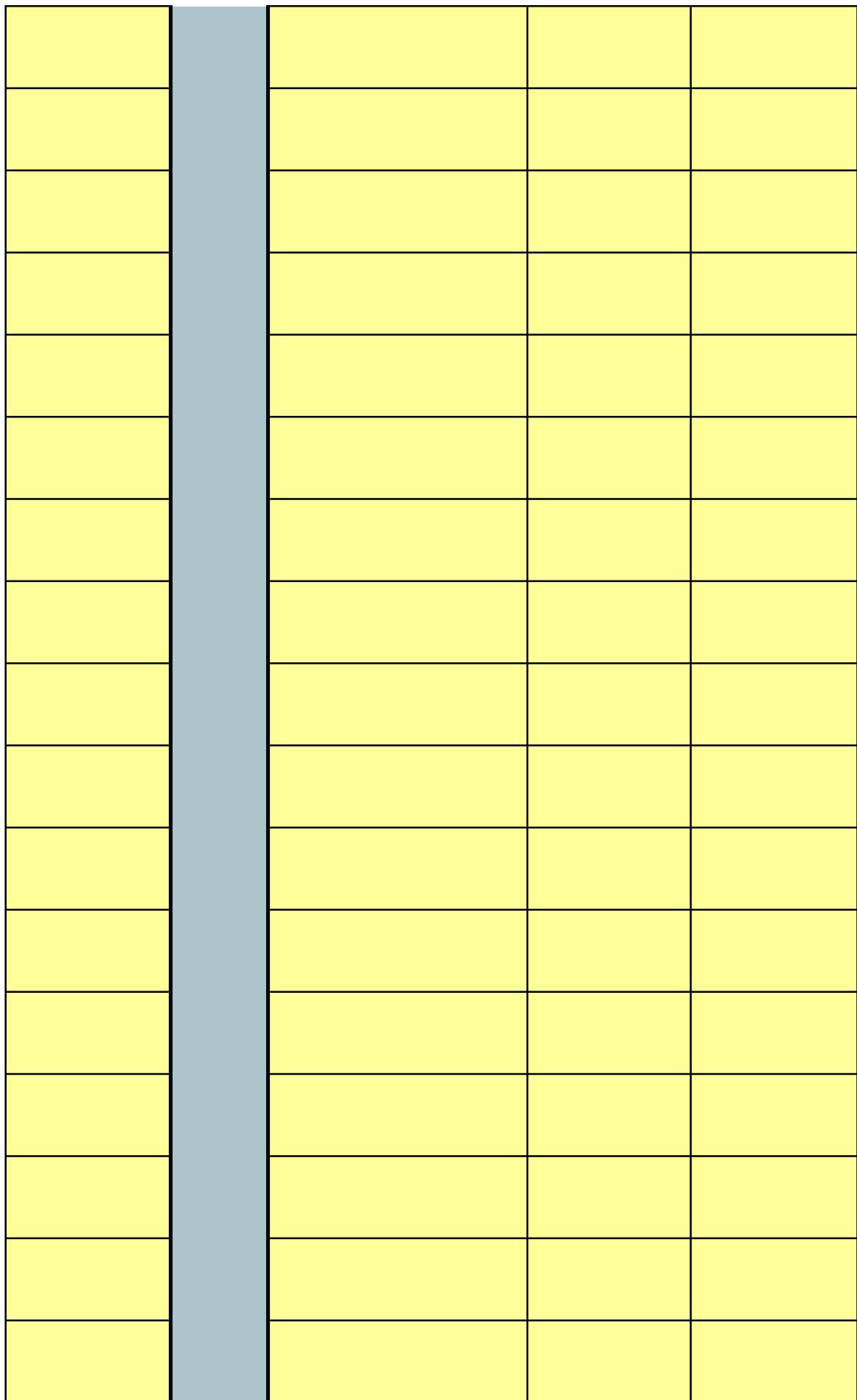


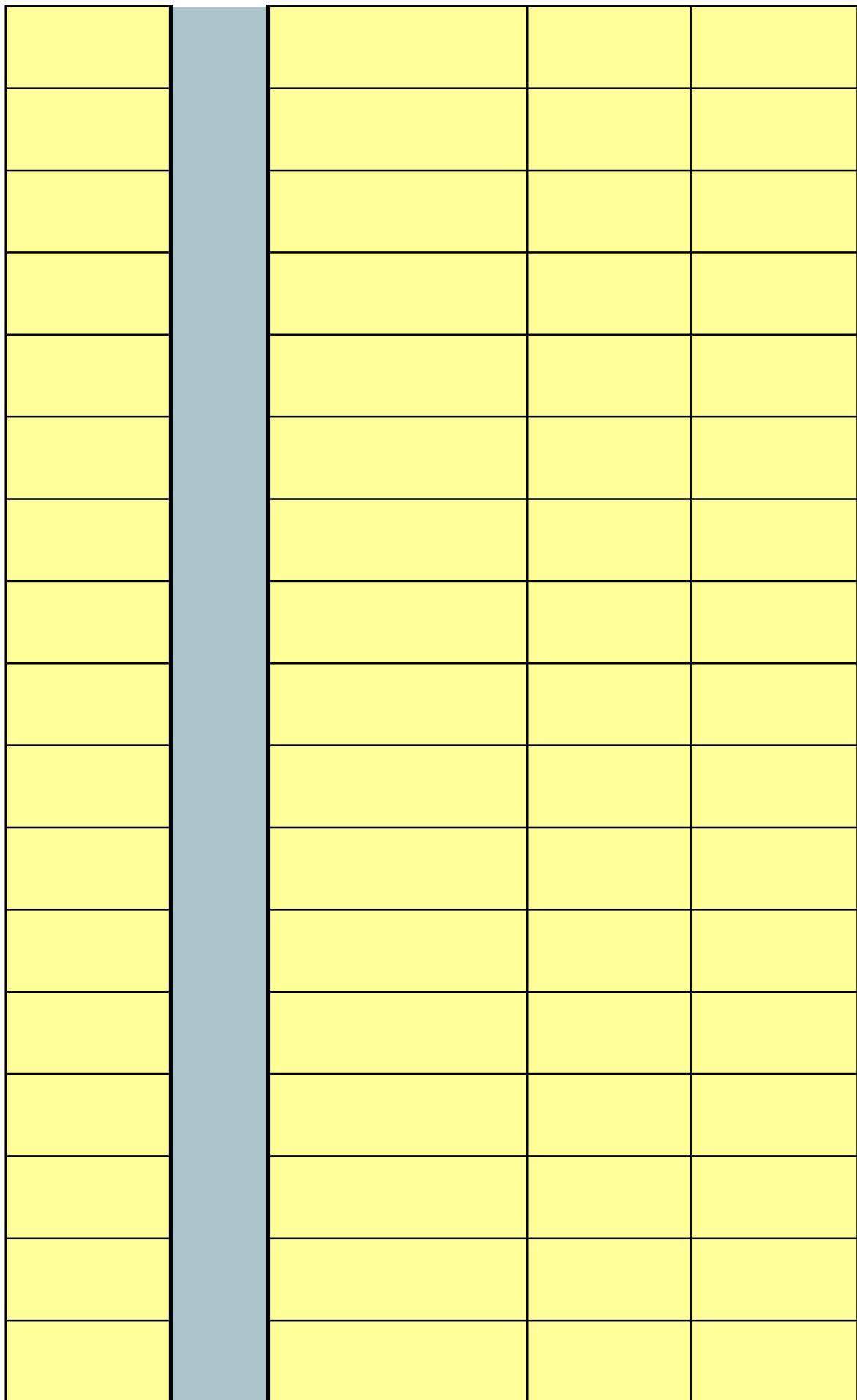


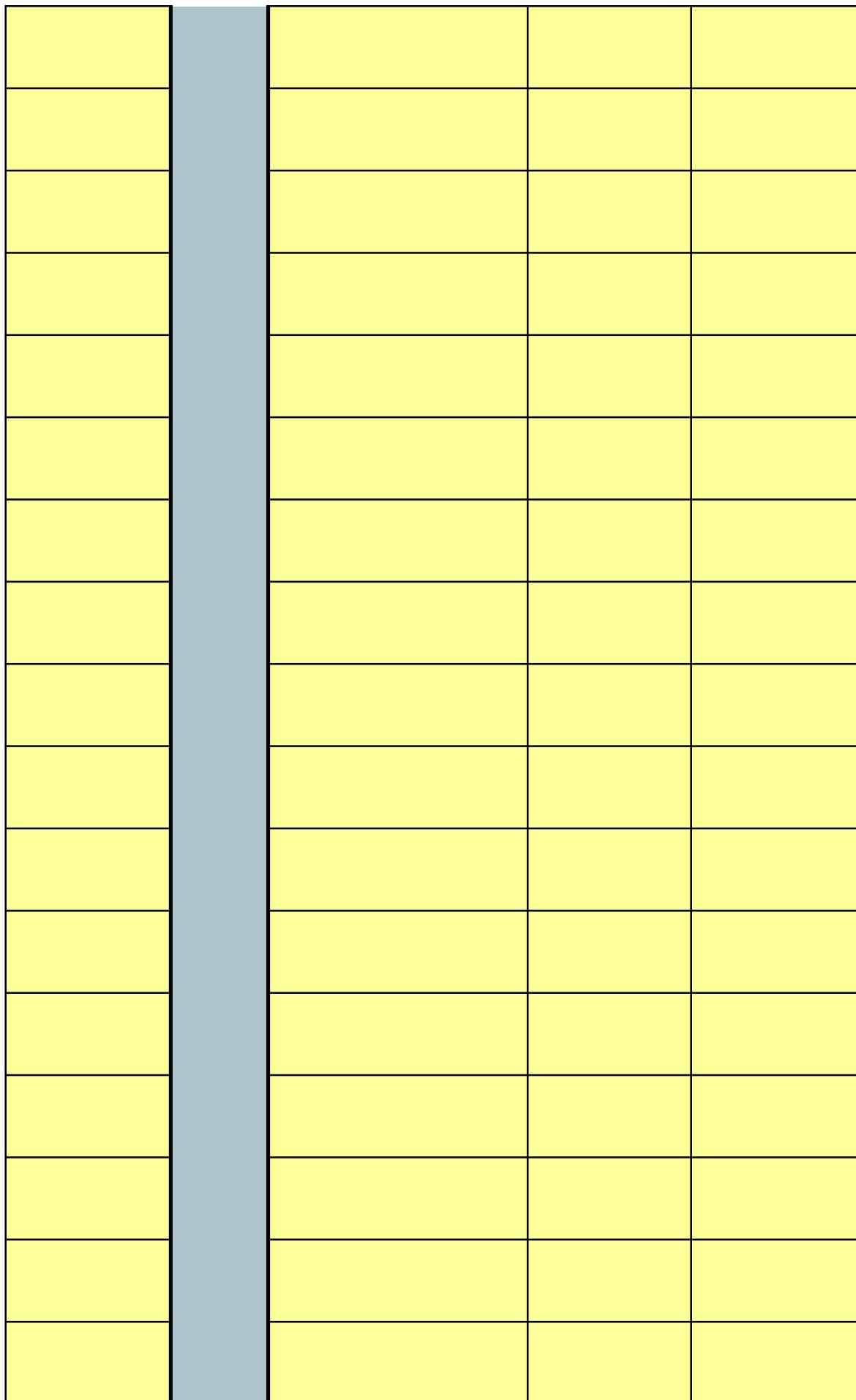
Summary of sites providing hedgerow unit gains

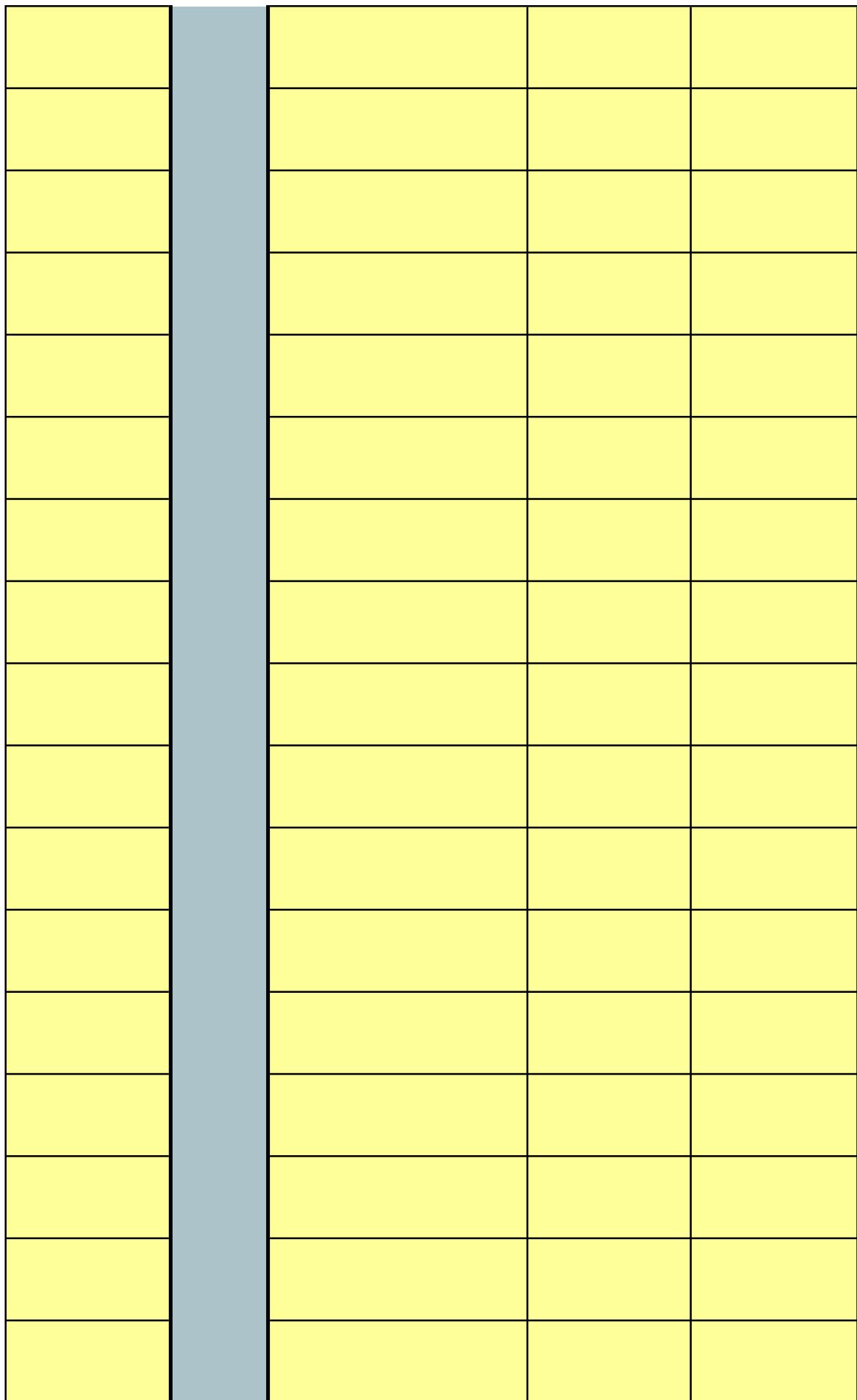


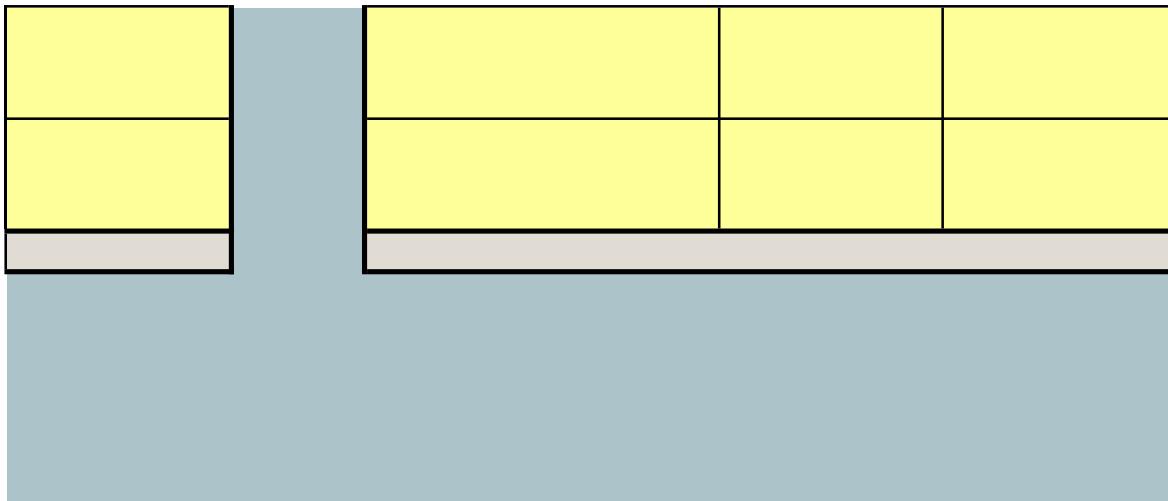




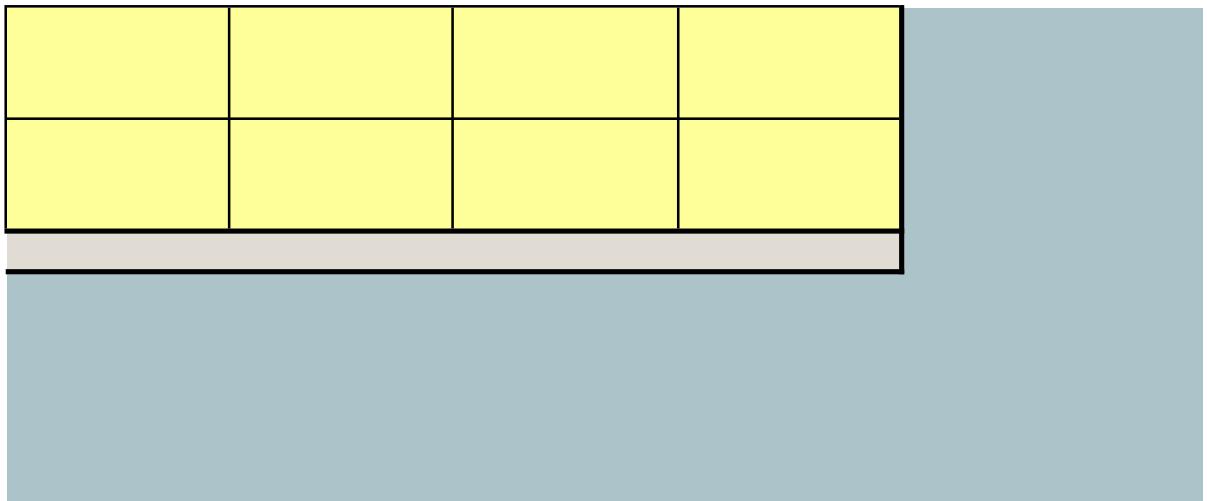








Watercourse unit gains



For further information please refer to the

Habitat reference	Metric habitat type	Irreplaceable habitat name

Irreplaceable habitat area including individual trees, green walls and intertidal hard structures:

Total irreplaceable habitat area excluding individual trees, green walls and intertidal hard structures:

For further information please refer to the

Habitat reference	Metric Habitat type	Irreplaceable habitat name

Irreplaceable habitat area including individual trees, green walls and intertidal hard structures:		
Total irreplaceable habitat area excluding individual trees, Green walls and intertidal hard structures:		

Irreplaceable area habitat

the irrereplaceable habitats section of the metric user guide. This sheet is autopopulated.

0.00

0.00

Irreplaceable area habitat

the irreplaceable habitats section of the metric user guide. This sheet is autopopulated.

Total area at baseline	Area retained	Area enhanced	Area lost

0.00			
0.00			

is on-site

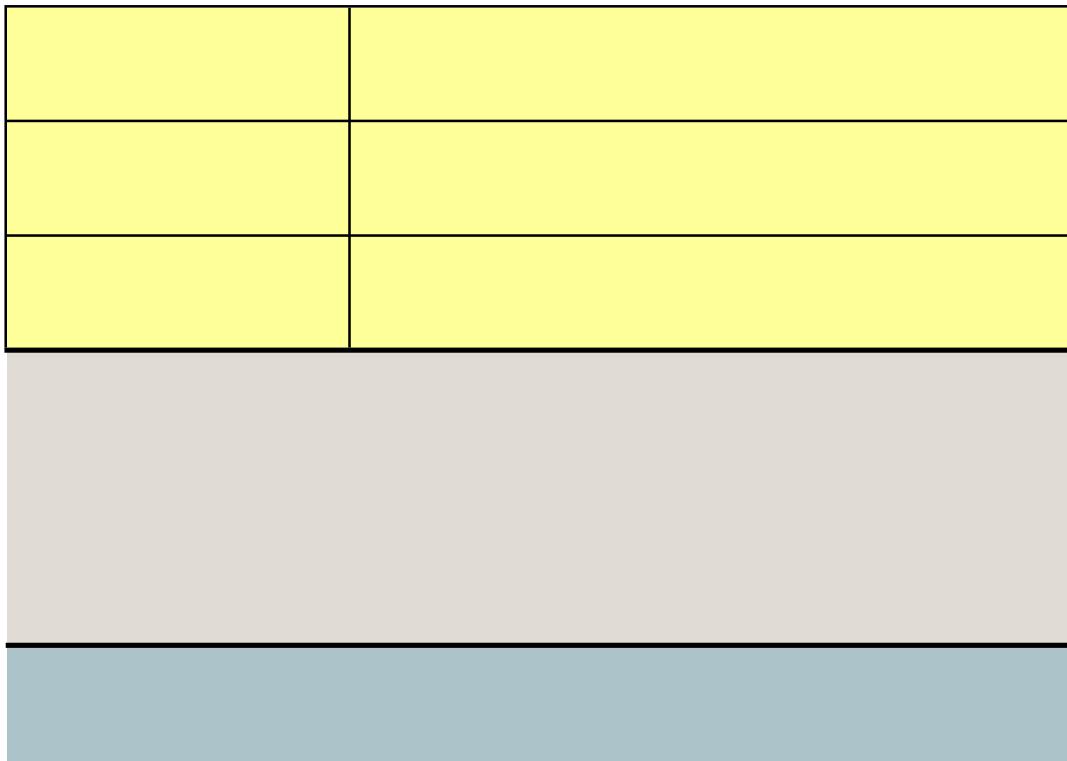
ated from the A1 on-site habitat baseline tab, with the exception of irreplaceable

Bespoke compensation agreed for losses?	User comments

s off-site

ated from the D1 off-site habitat baseline tab, with the exception of irreplac

Bespoke compensation agreed for losses?	User comments



Plausible habitat name.	Planning authority comments	Habitat reference number

