

The Biodiversity Metric 4.0

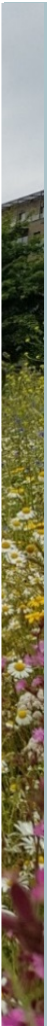
Auditing ar

Open Tool

odiversity

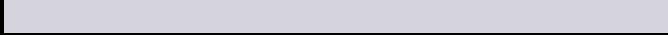
Calculation tool





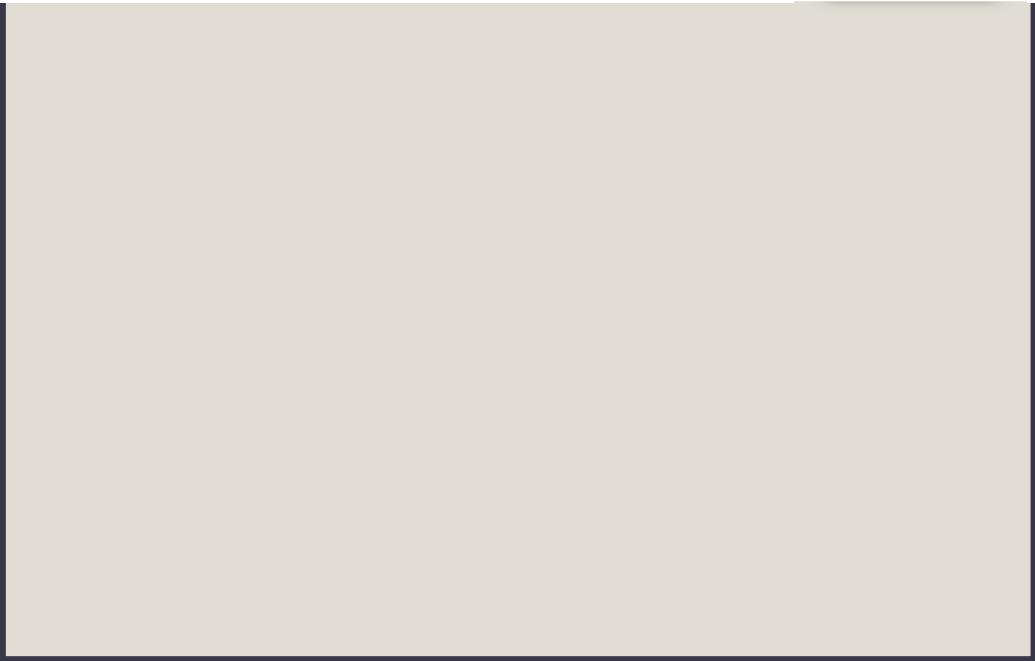
The Biodiversity Metric Start

Project details	
Planning authority:	
Project name:	7162 - Lan
Applicant:	
Application type:	
Planning application reference:	
Completed by:	FPCR
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):	16.02

Cell style conventions	
	
	Input er
	Use c
	
	
	

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

[illegible]

S	
Attention required	
Error/rules and principles not met	
Content of this cell is not appropriate	
Enter data	
Automatic lookup	
Result	

[View all](#)

[Reset view](#)

On-site post intervention map

Instructions

Main menu

Results

[View all](#)

Reset view

Insert

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

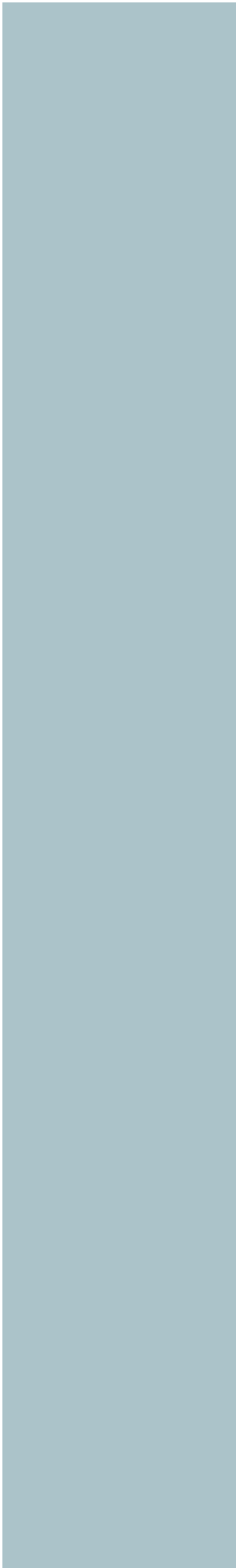
l as an Appendix to the main
etric 4.0 – User guide.

etric 4.0



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 Hed
Creation



F-2 Off-site
Watercourse Crea



rea
nt

dge
nt

course
t

tree helper

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

Poor	Area	Moderate	Area	Good	Area
	0.0000	53	0.2158		0.0000
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
0	0.0000	53	0.2158	0	0.0000

4

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**

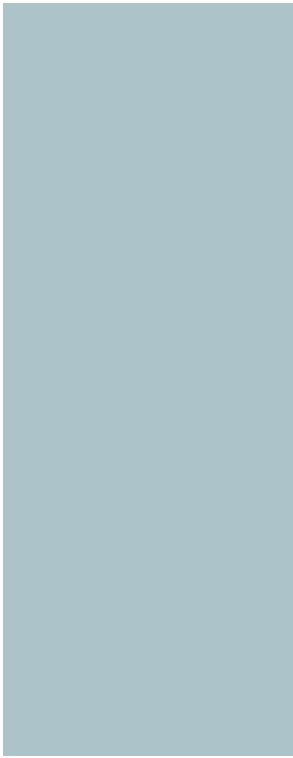
Headline results

Detailed results

Calculation Tool

Habitat trading
summaries

Off-site
summary



7162 - Land South of Sapcote Road, 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%	64.06	70.47
<i>Hedgerow units</i>	10.00%	31.06	34.17
<i>Watercourse units</i>	10.00%	0.00	0.00

64.06
31.06
0.00

42.64
31.84
0.00

-21.42	-33.44%
0.77	2.49%
0.00	0.00%

On-site net gain is less than target set ☐

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%

-21.42
0.77
0.00

0.00
0.00
0.00

--

-21.42
0.77
0.00

-33.44%
2.49%
0.00%

Total net gain achieved is less than target set ☐

Total net gain achieved is less than target set ☐

ing Summaries ▲

Unit Deficit
27.83
2.33
0.00

Unit requirement met or surpassed ✓

7162 - Land South of Sapcote Road, Burb

Detailed Results

Summary Figures

Net project biodiversity

(Including all on-site & off-site habitat ret

Total project biodiversity

(Including all on-site & off-site habitat creatio

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 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
	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
	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 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

age

Return to results menu

ty units (retention / creation)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

r % change (n + retained habitats)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

habitat retention and enhancement

	Habitats	Hedgerows
	16.02	2.59
	64.06	31.06
	0.00	2.48
	0.00	29.94
	0.00	0.00
	0.00	0.00
	16.02	0.10
	64.06	1.12

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
16.02	64.06	4.65	28.47	-11.37
0.00	0.00	1.04	8.49	1.04
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	10.32	5.03	10.32
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.22	0.66	0.22

ange 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

l 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
16.02	64.06	4.65	28.47	-11.37
0.00	0.00	1.04	8.49	1.04
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	10.32	5.03	10.32
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.22	0.66	0.22

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
0.00	0.00	0.09	0.84	0.09
0.00	0.00	0.00	0.00	0.00
0.80	13.68	0.78	13.39	-0.02
0.00	0.00	0.14	1.05	0.14
0.53	5.49	0.52	5.40	-0.01
0.69	9.47	0.64	8.89	-0.04
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.37	1.71	0.34	1.55	-0.03
0.21	0.72	0.21	0.72	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
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
0.00	0.00	0.09	0.84	0.09
0.00	0.00	0.00	0.00	0.00
0.80	13.68	0.78	13.39	-0.02
0.00	0.00	0.14	1.05	0.14
0.53	5.49	0.52	5.40	-0.01
0.69	9.47	0.64	8.89	-0.04
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.37	1.71	0.34	1.55	-0.03
0.21	0.72	0.21	0.72	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	0.0	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

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
0.0	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



-21.42
0.77
0.00

-33.44%
2.49%
0.00%

Watercourses
0.00
0.00

0.00
0.00

0.00
0.00

0.00
0.00

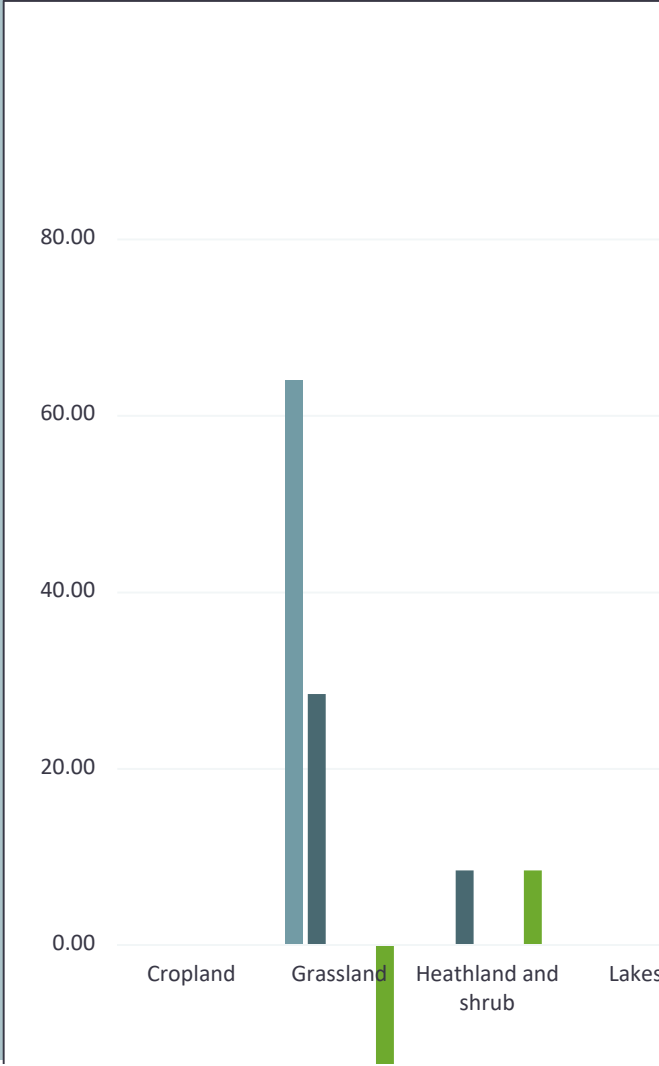
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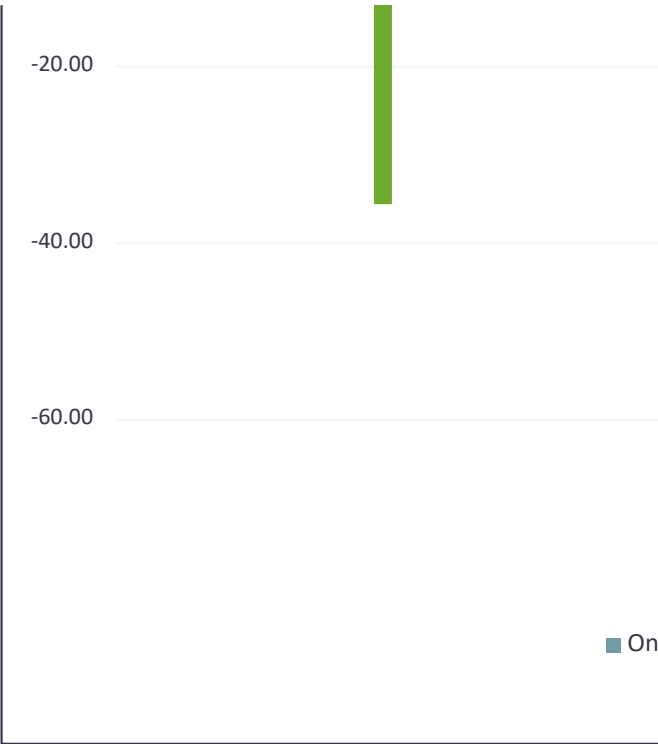
On-site unit change
0.00
-35.59
8.49
0.00
0.00
5.03
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.66

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
0.00
0.00
0.00
0.00

Combined area lost by distribution	
Category	Area lost (hectares)
V.High	0
High	0
Medium	0
Low	16.0154
V.Low	0



Combined unit change
0.00
-35.59
8.49
0.00
0.00
5.03
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.66

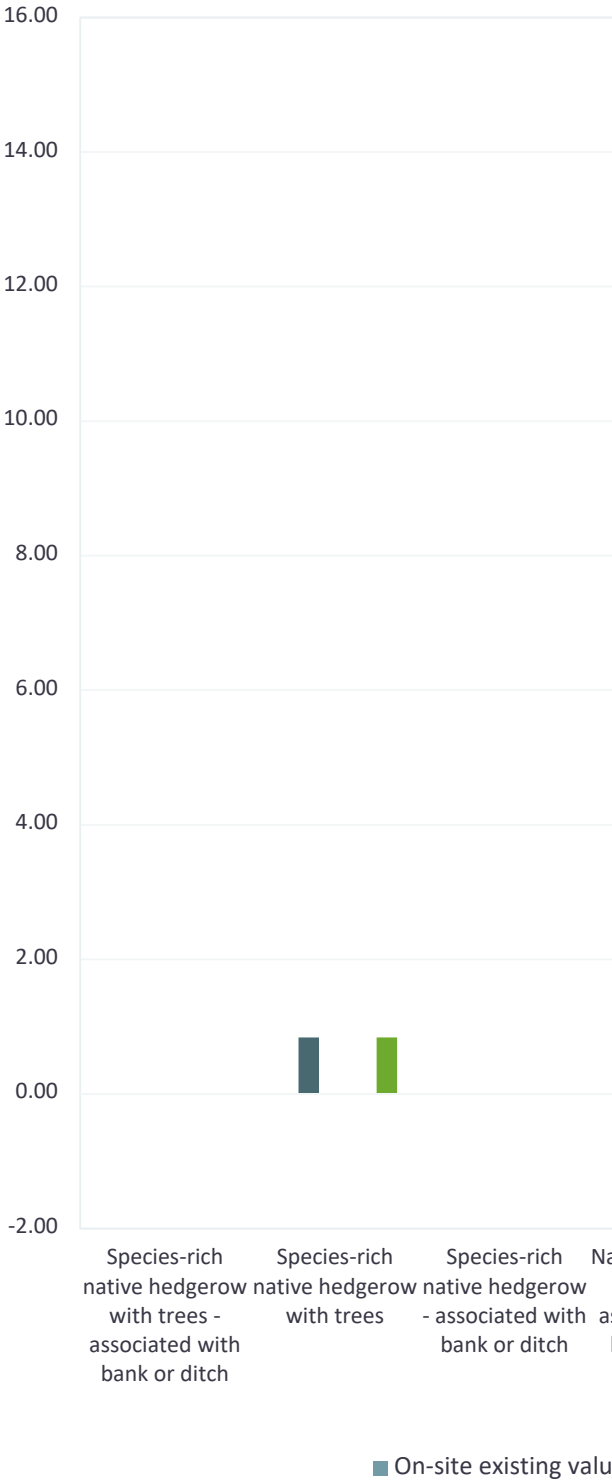


On-site unit change
0.00
0.84
0.00
-0.29
1.05
-0.10
-0.58
0.00
0.00
-0.16
0.00
0.00
0.00

Combined length lost by disti	
Category	Length lost (km)
V.High	0
High	0.021
Medium	0.049
Low	0.034
V.Low	0

Unit 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

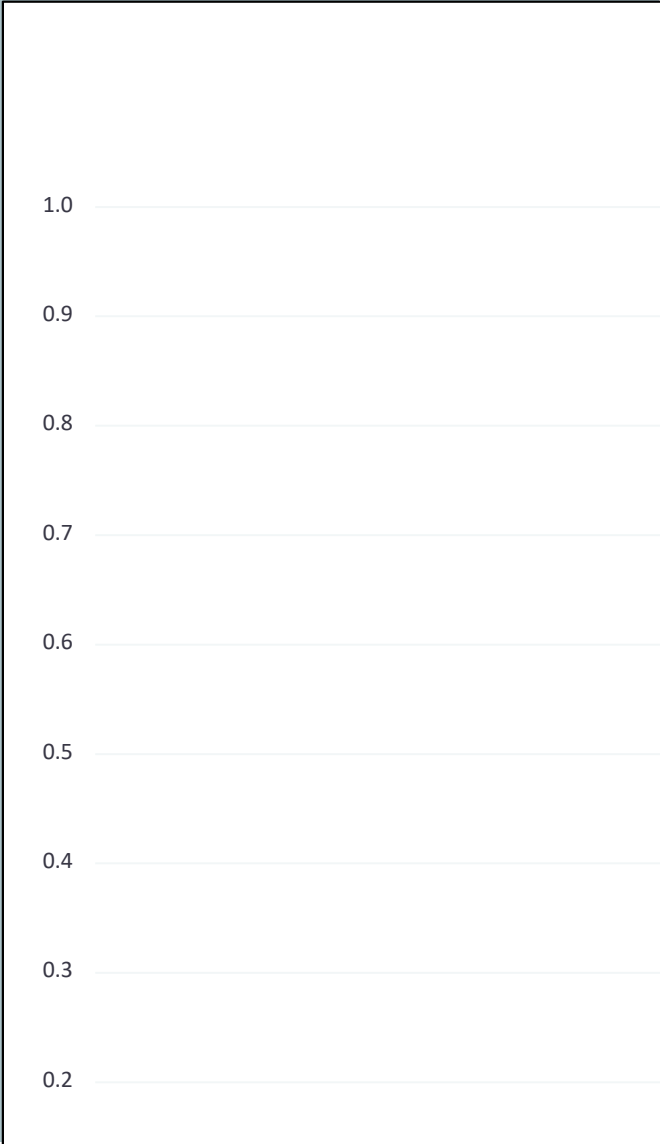
Unit change
Combined unit change
0.00
0.84
0.00
-0.29
1.05
-0.10
-0.58
0.00
0.00
-0.16
0.00
0.00
0.00



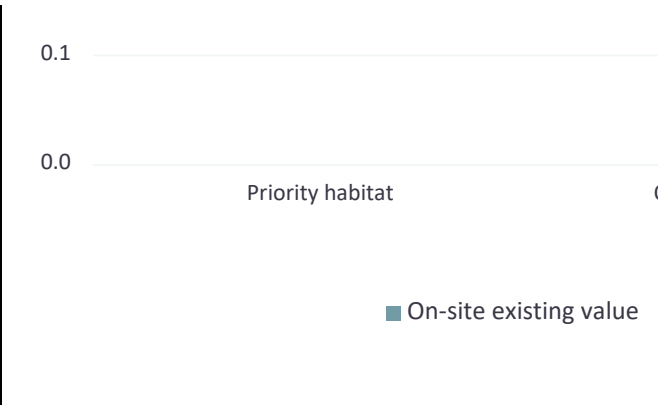
On-site unit change
0.0
0.0
0.0
0.0
0.0

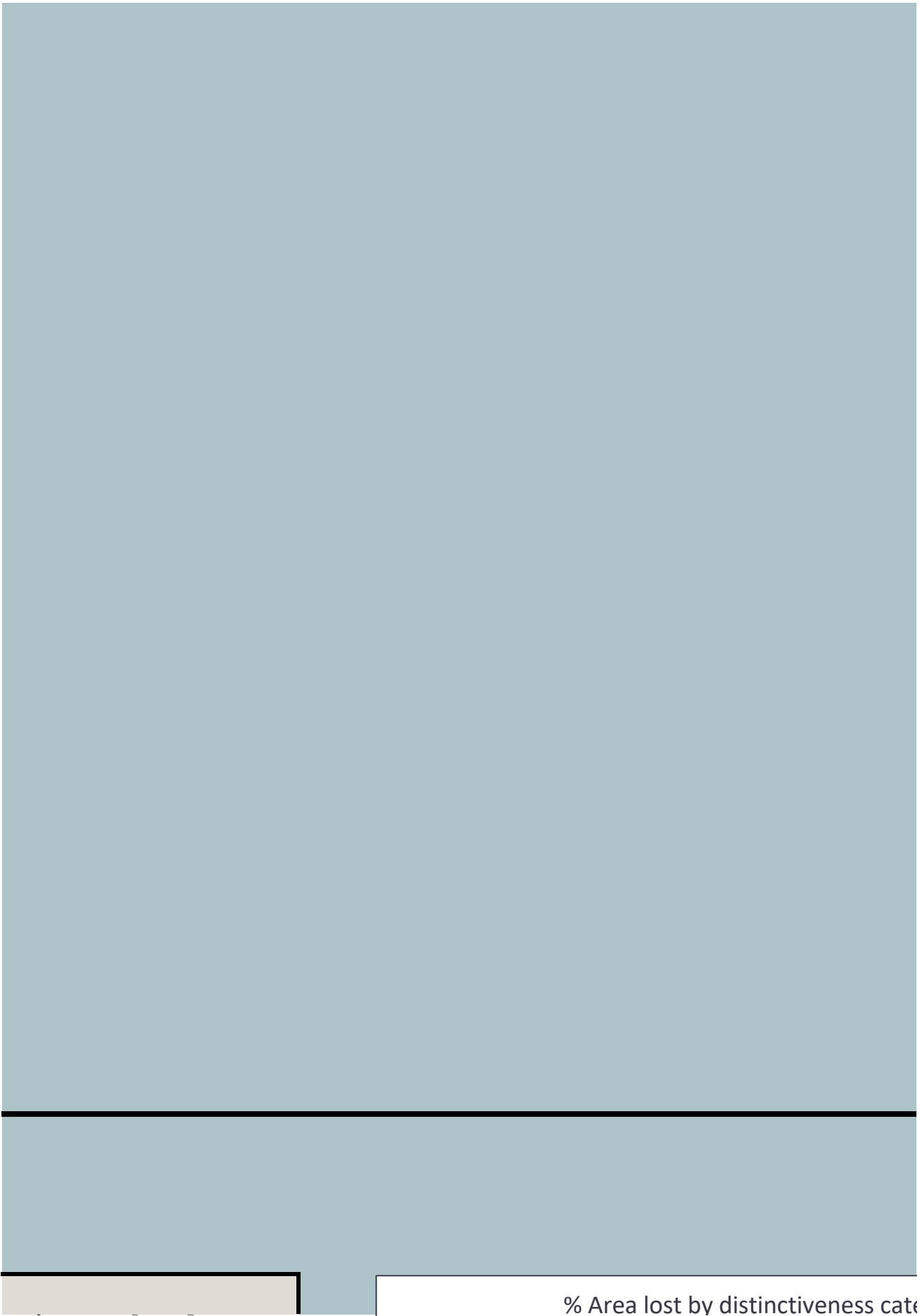
Combined length lost by distribution	
Category	Length lost (km)
V.High	0
High	0
Medium	0
Low	0

Off-site unit change
0.0
0.0
0.0
0.0
0.0

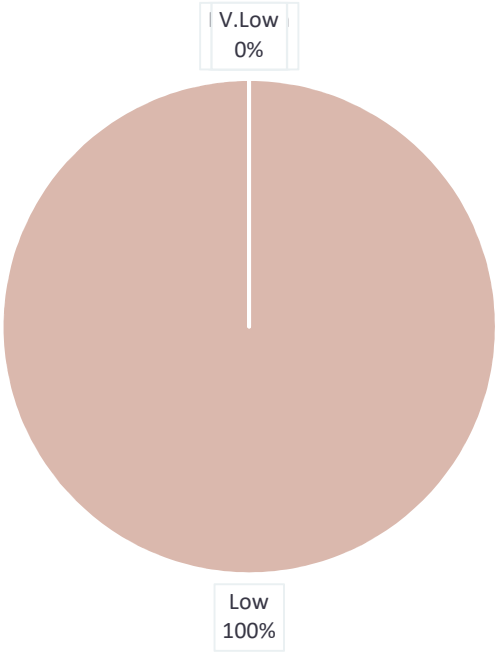
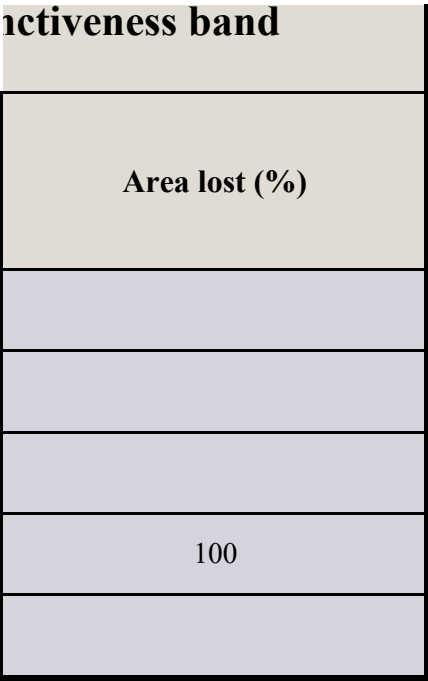


te change
Combined unit change
0.0
0.0
0.0
0.0
0.0

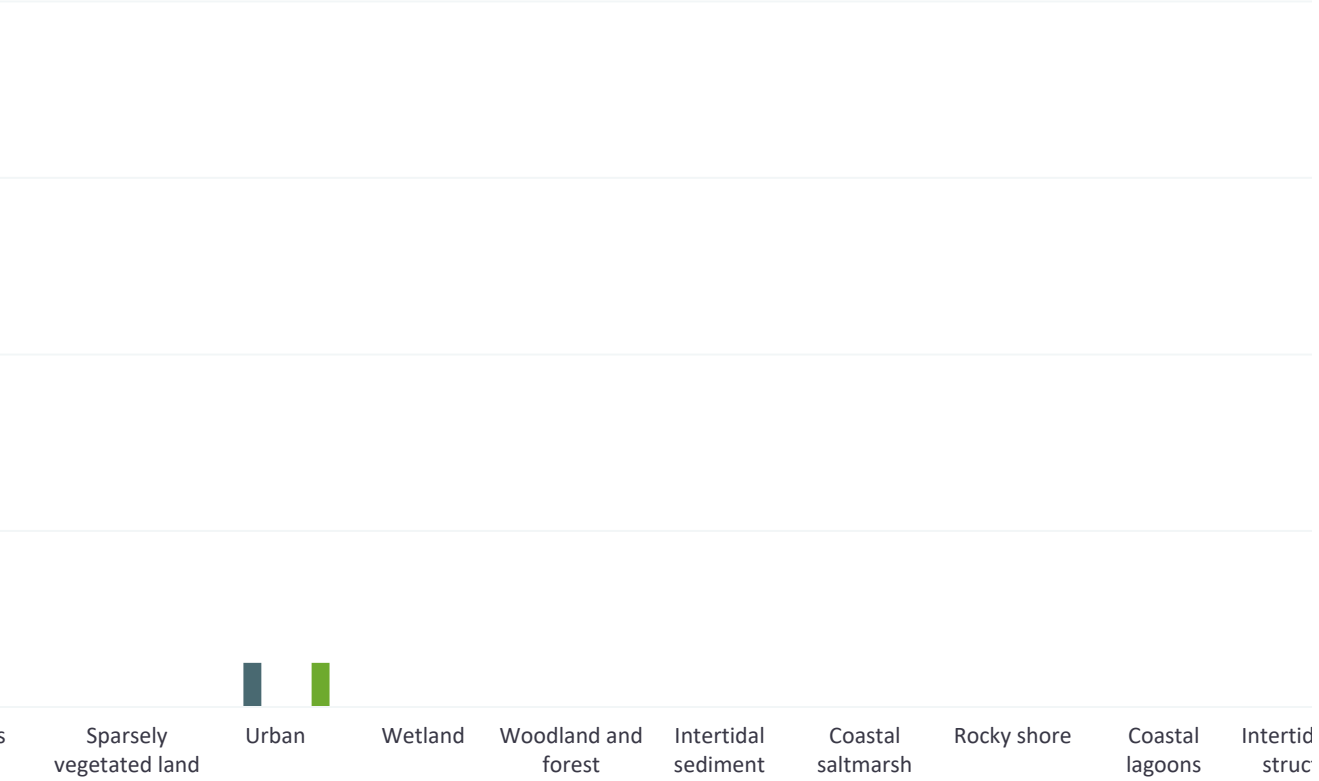




% Area lost by distinctiveness cate



Biodiversity unit change by habitat group



1-site existing value

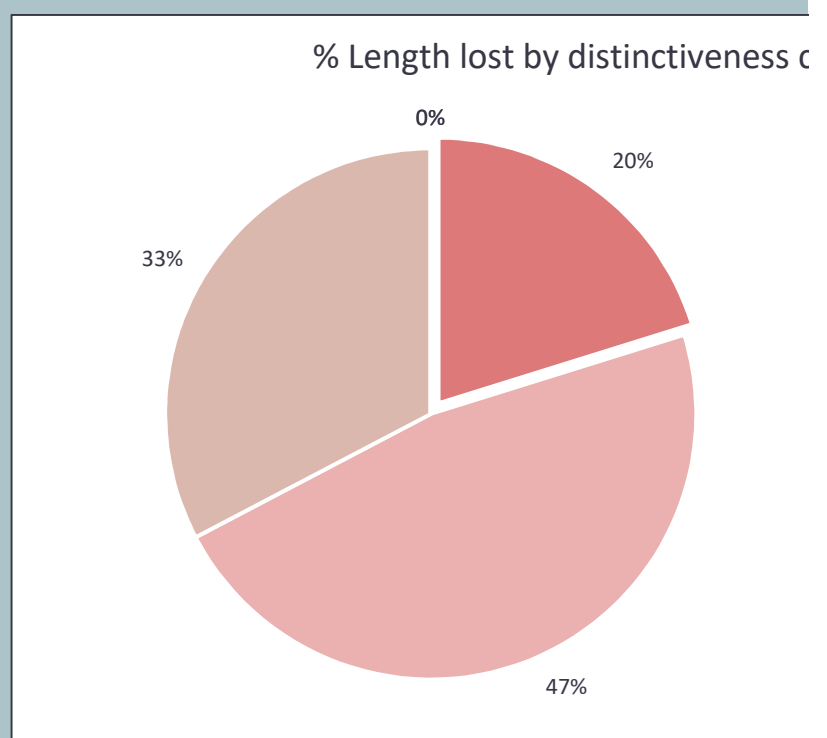
- On-site proposed value

- Off-site existing value

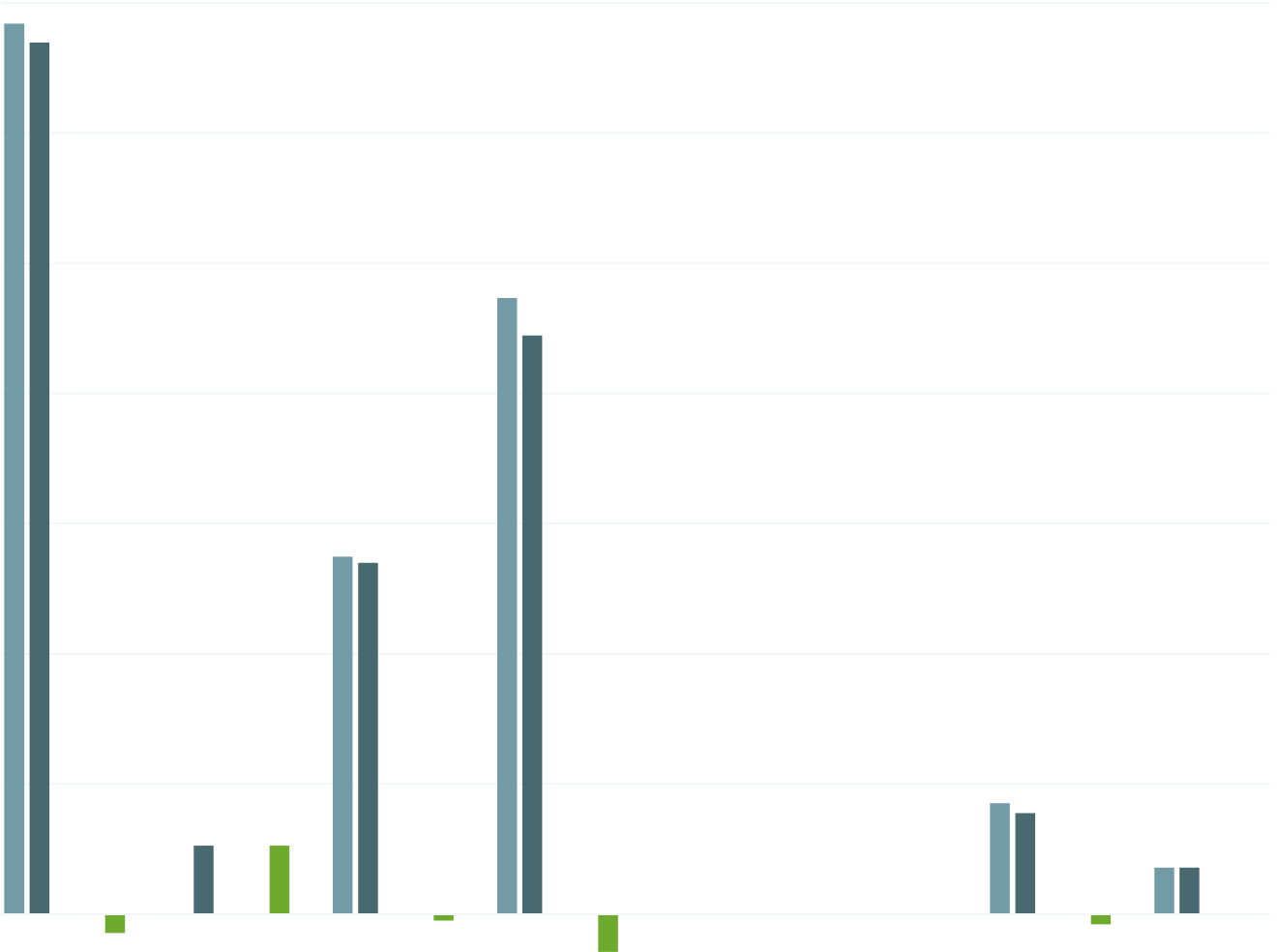
- Off-site proposed value

■ Contr

Inactiveness band	
	Length lost (%)
	20
	47
	33



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 chang



% Length lost by distinctiveness category

0%

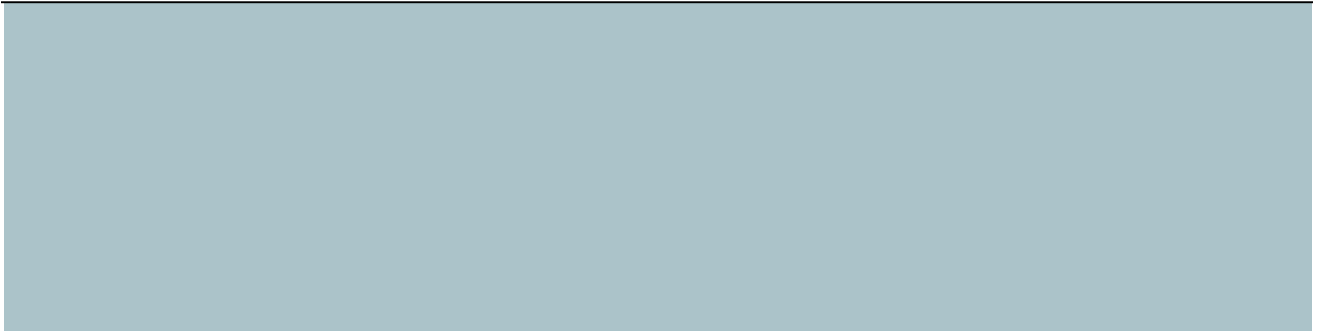
Inactiveness band

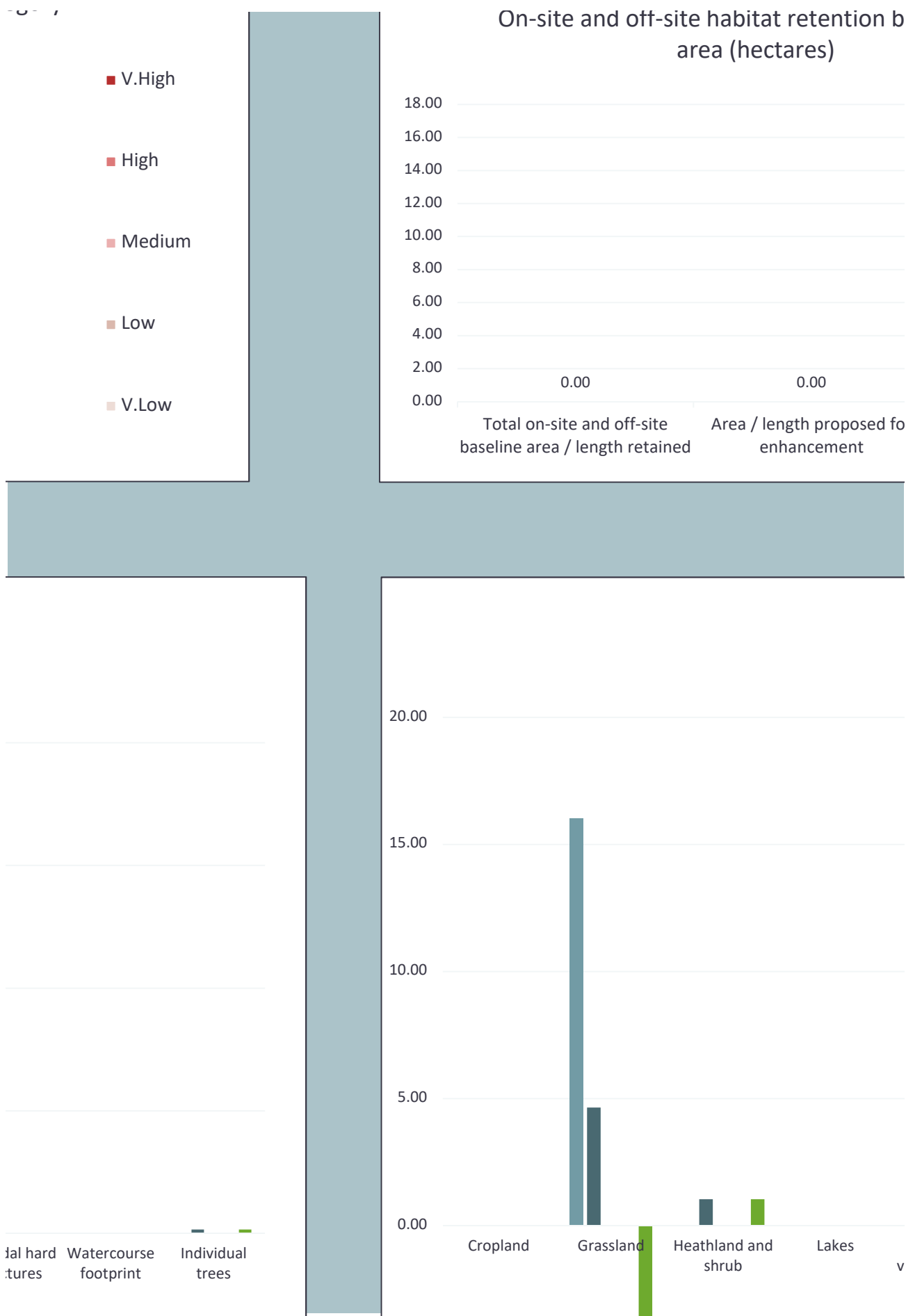
Length lost (%)

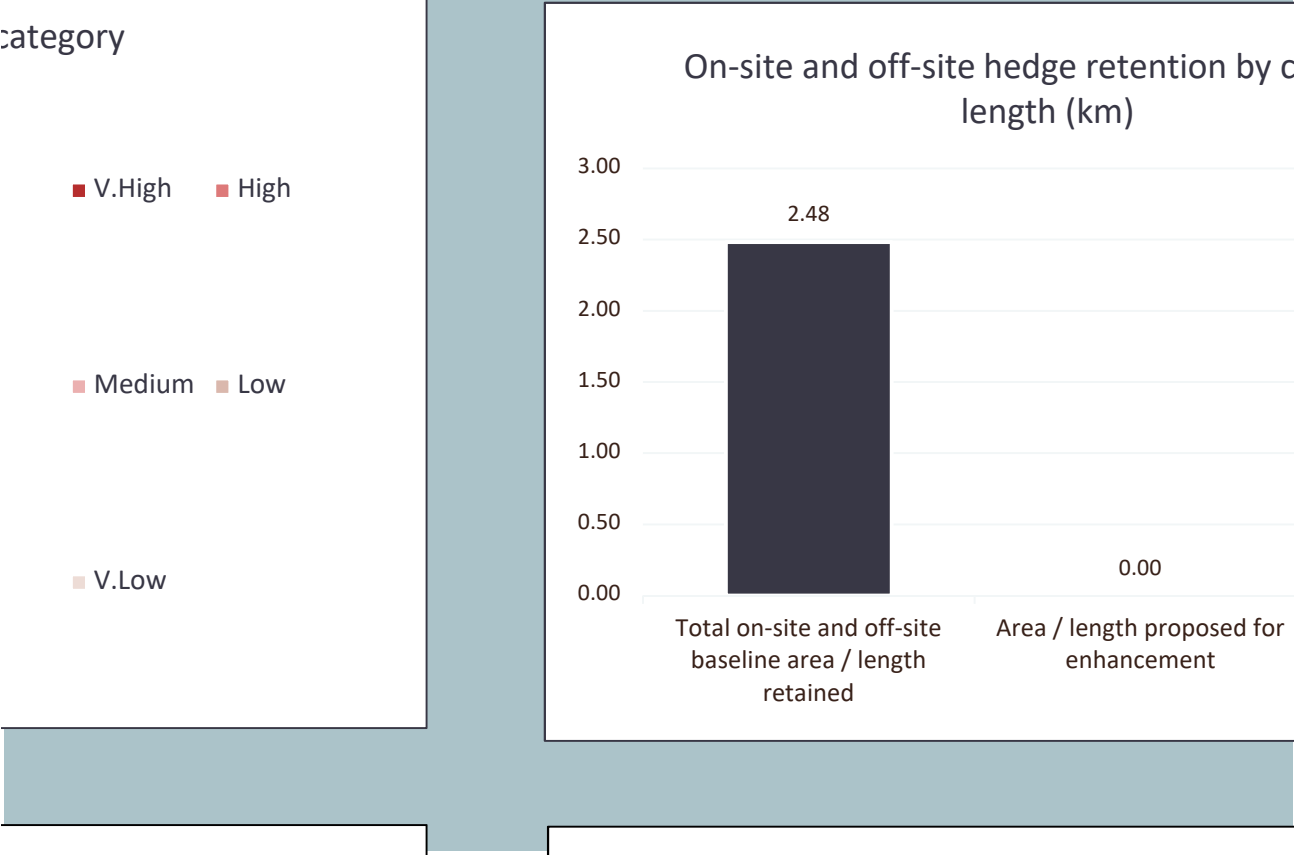
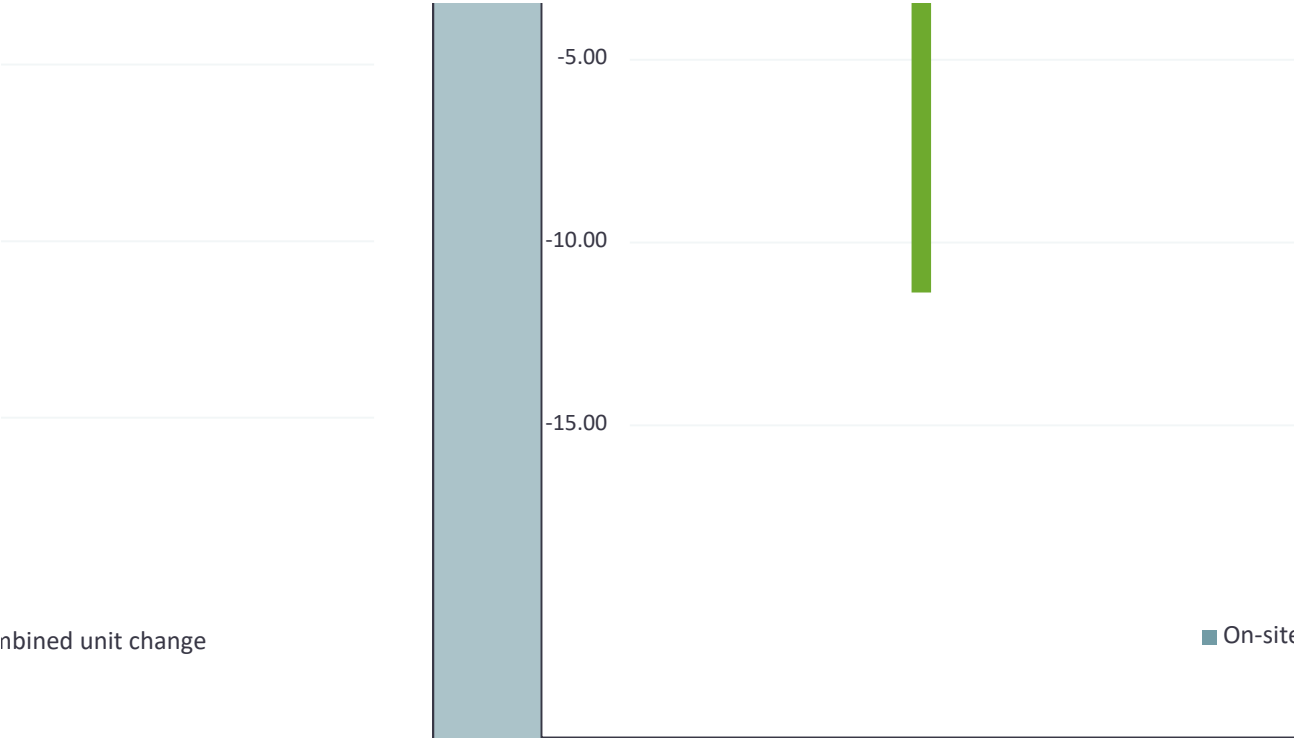
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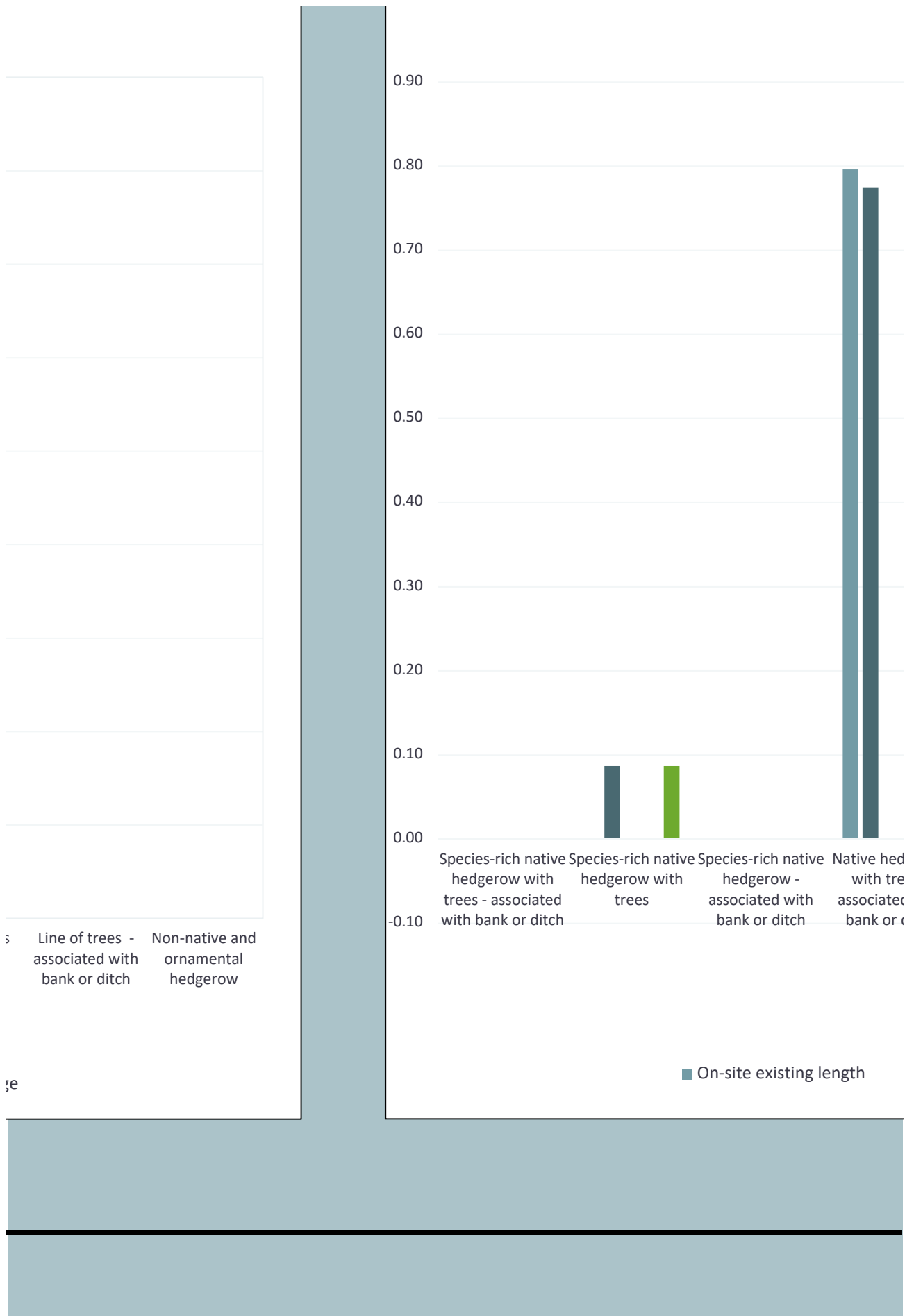
Other rivers and streams	Ditches	Canals
--------------------------	---------	--------

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



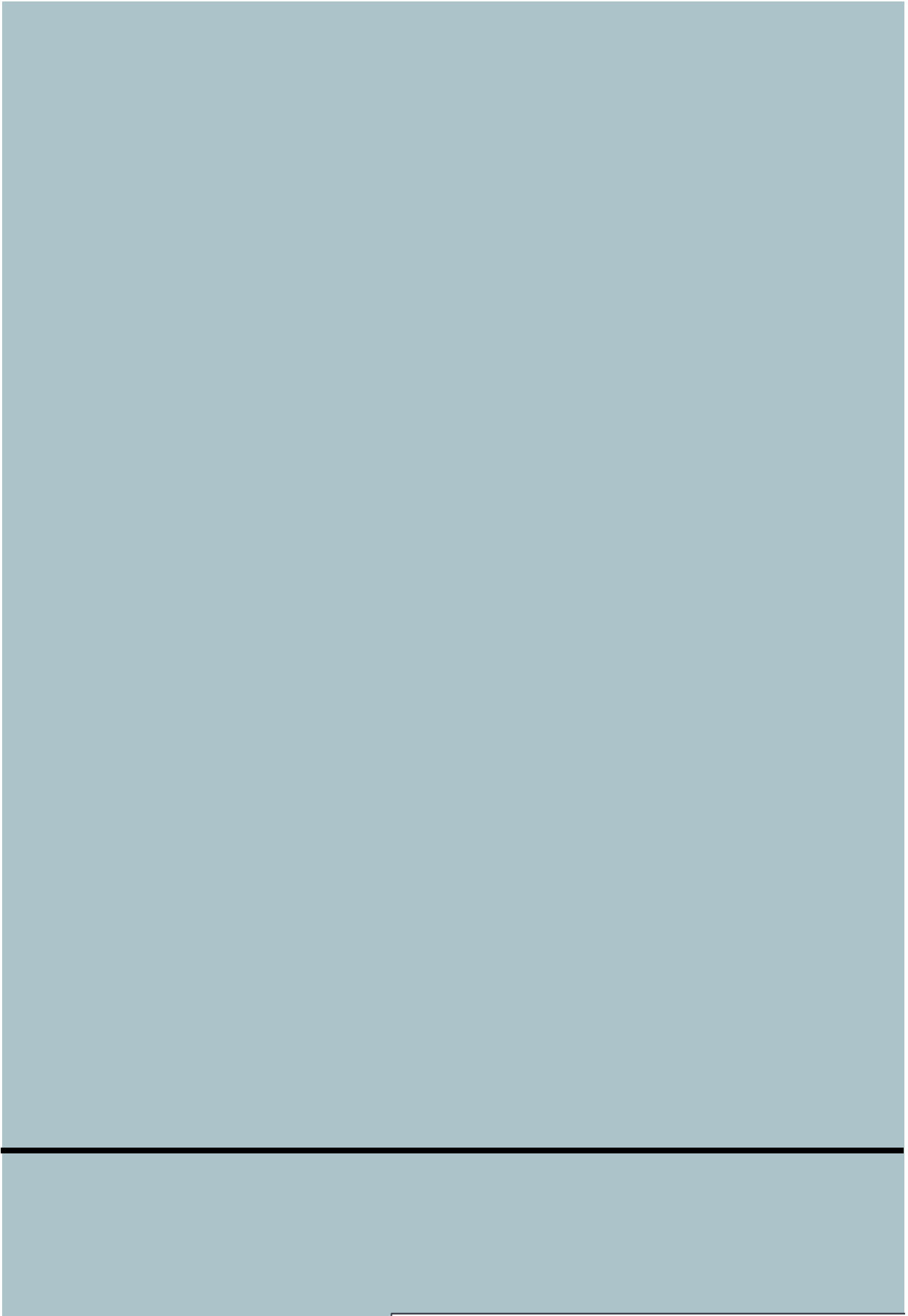






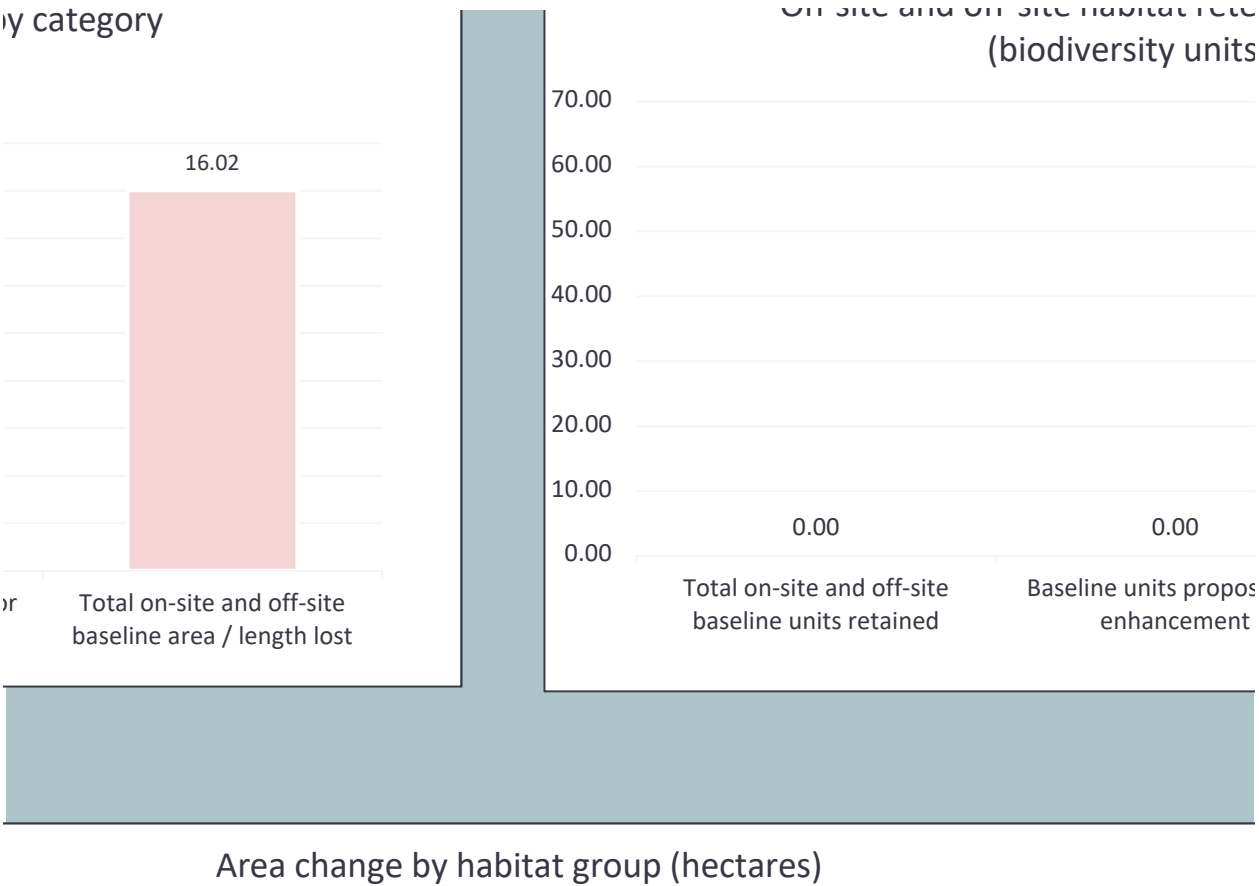


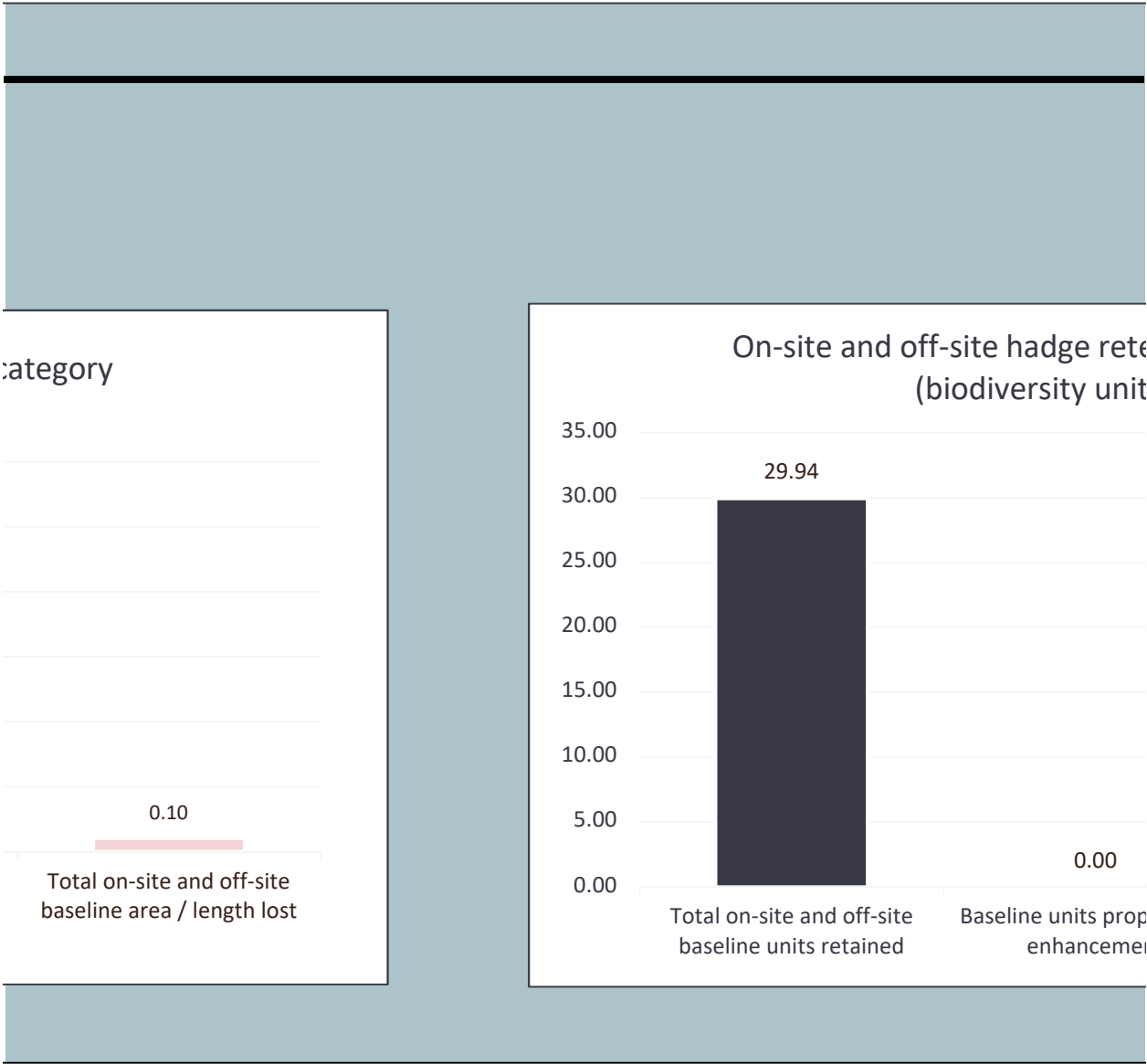




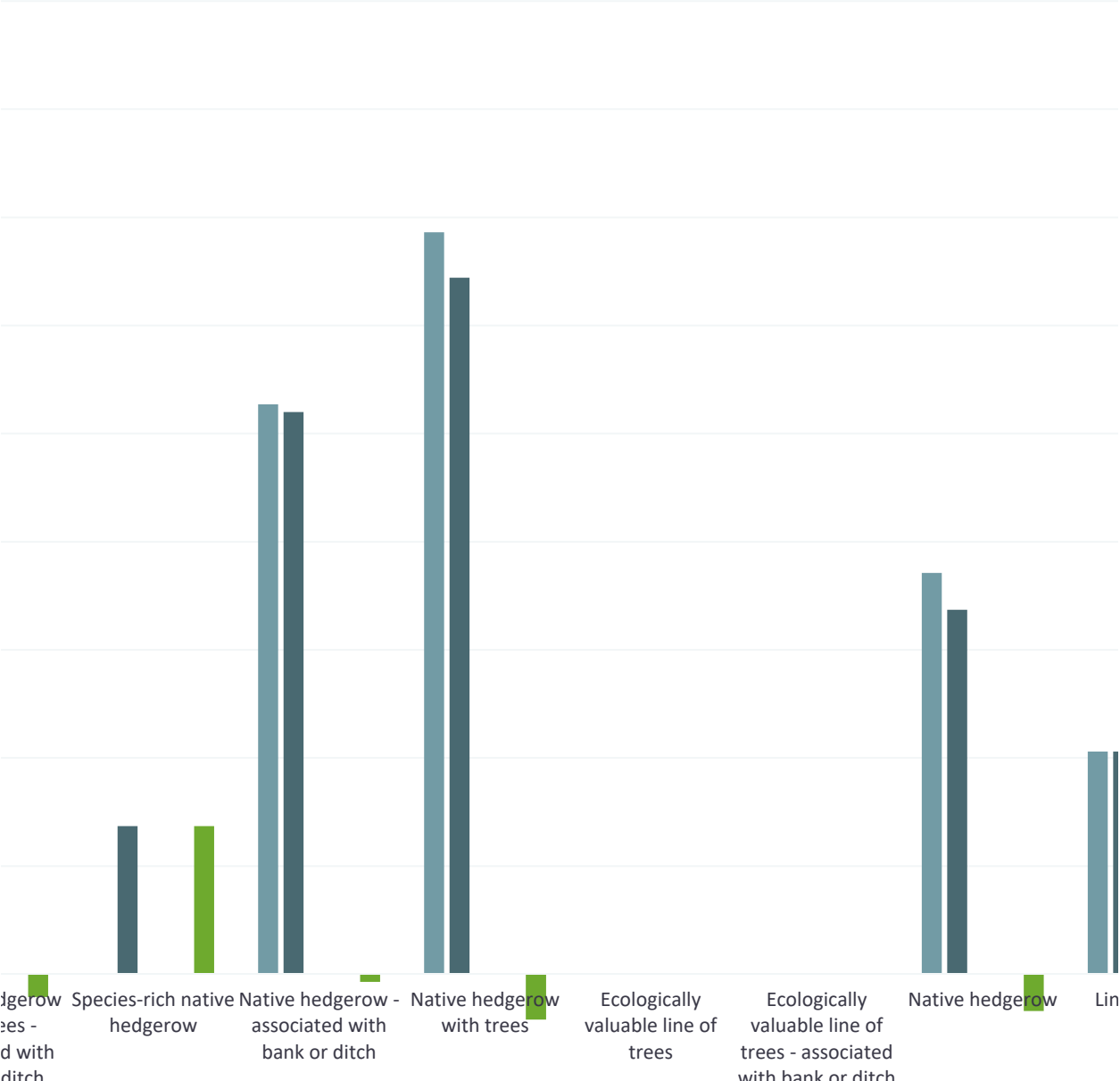
.

On-site and off-site habitat rete





Hedgerow length change (km)



edges -
ditch

Species-rich natural hedgerow

Native hedgerow
associated with
bank or ditch

ative hedgerow
with trees

Ecologically
valuable line of
trees

Ecologically
valuable line of
trees - associated
with bank or ditch

Native hedge

Lin

■ On-site proposed length

- Off-site proposed length

- Off-site existing length

■ Combined length

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

Category	Watercourse retention c (watercourse biodiversity)
Total on-site and off-site baseline units retained	0.00
Baseline units proposed for enhancement	0.00

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

Total on-site and off-site
baseline units retained

Baseline units prop
enhancemer

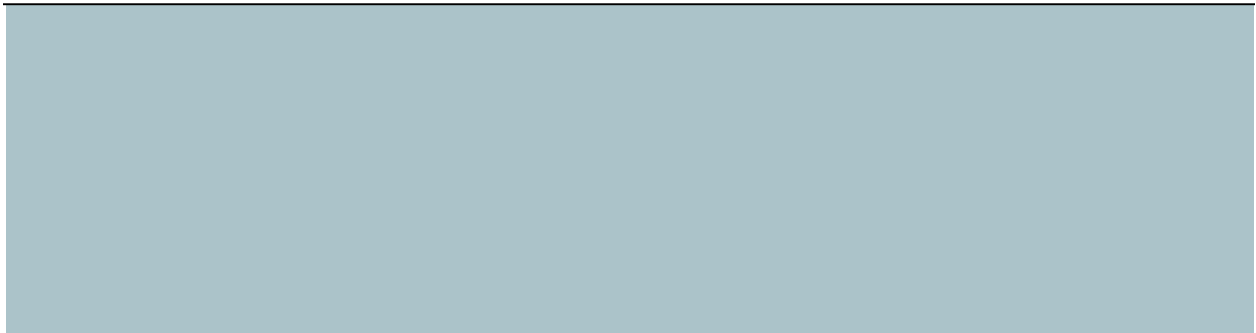
Wetlands and streams	Ditches	Canals
----------------------	---------	--------

site proposed length

- Off-site existing length

- Off-site proposed length

- Combined length change





ention category

ation category
s)



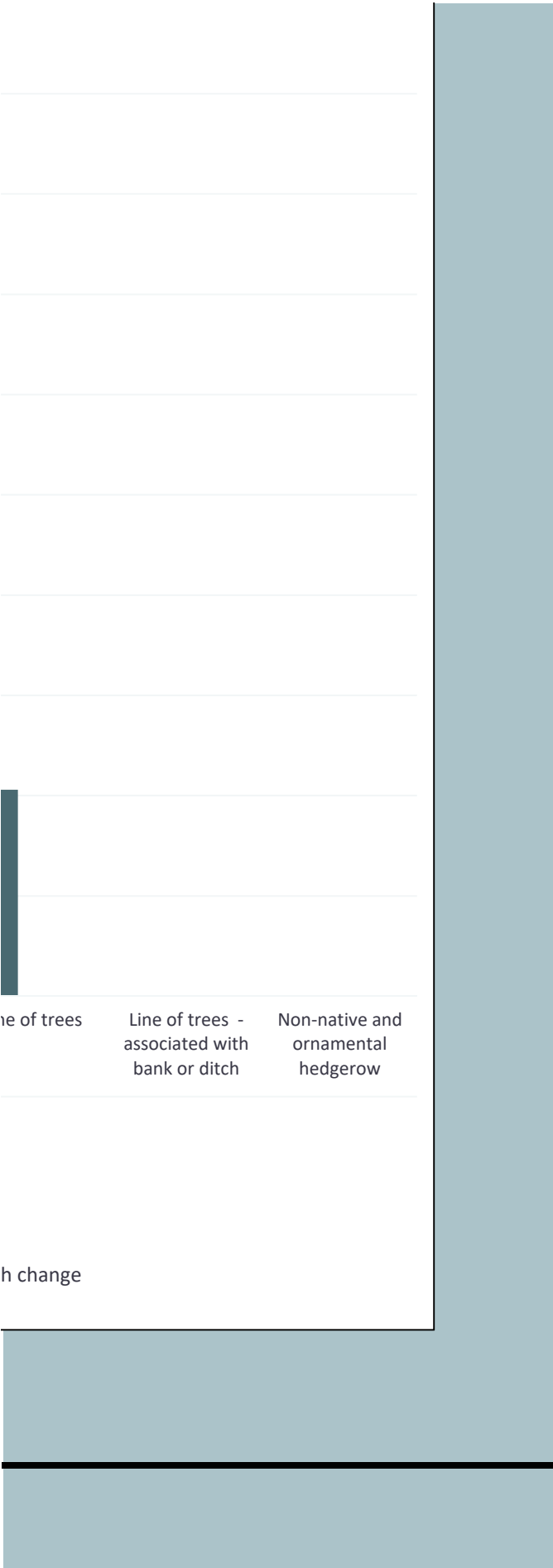
ns Intertidal hard Watercourse Individual trees
structures footprint

entention category

ts)

Category	Units Lost
Proposed for demolition	0
Total on-site and off-site baseline units lost	1.12

Total on-site and off-site
baseline units lost



Line of trees

Line of trees -
associated with
bank or ditch

Non-native and
ornamental
hedgerow

Percentage change

Category	Baseline units	Units lost	Units recovered	Net units lost
Proposed for				
ent				
Total on-site and off-site				
baseline units lost				

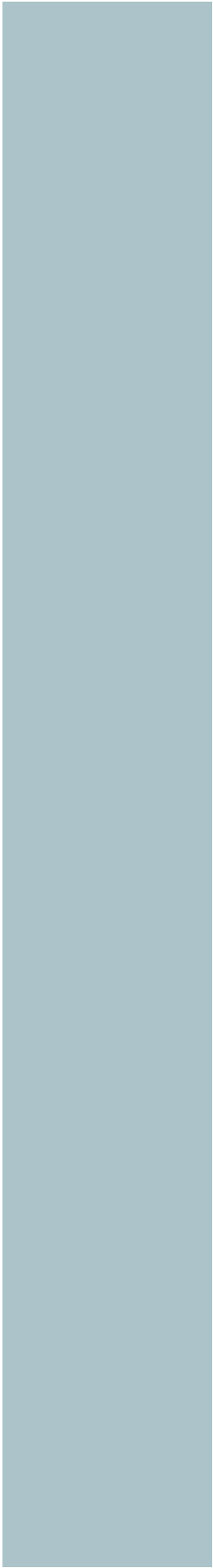
Total on-site and off-site
baseline units lost

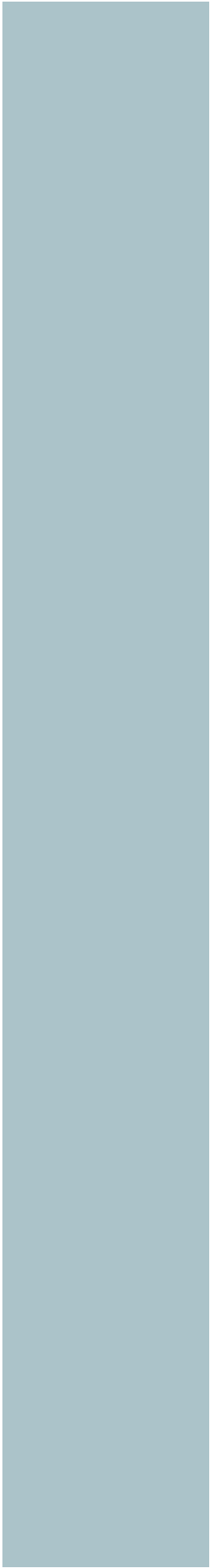


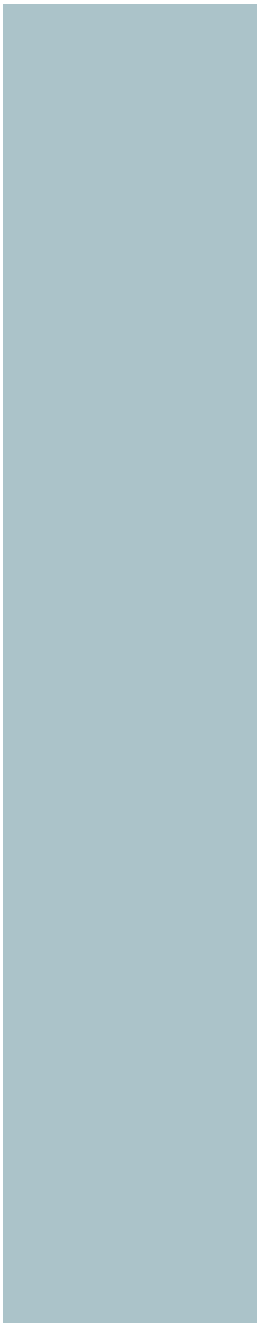
Return to
results
menu

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 Distinctiveness	
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



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
	0.00	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	25.50	0.00	25.50
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	8.49	0.00	8.49
Lakes	0.00	0.00	0.00
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	0.00	0.00	0.00
Individual trees	0.66	0.00	0.66
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
	34.64	0.00	34.64

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	-61.09	0.00	-61.09
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
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	0.00	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	0.73	0.00	0.73
Urban	0.00	0.00	0.00
Urban	4.30	0.00	4.30
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
	-56.06		-56.06

Trading Satisfied?
Yes ✓
Yes ✓
Yes ✓
No ▲

Unit losses
0.00

Losses not yet accounted for

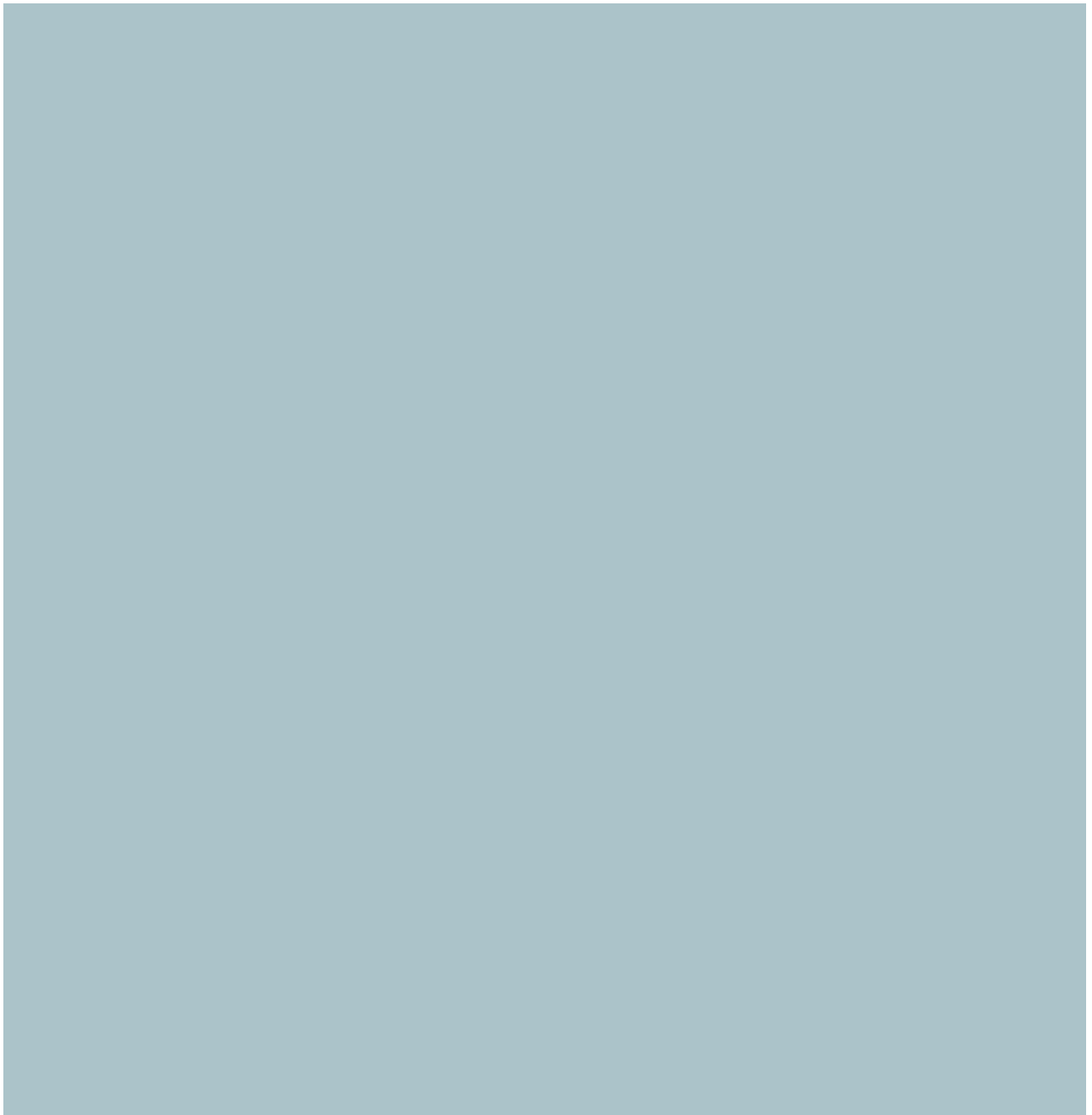
Very High Distinctiveness Summary
Very High Distinctiveness Units available to offset lower distinctiveness deficit

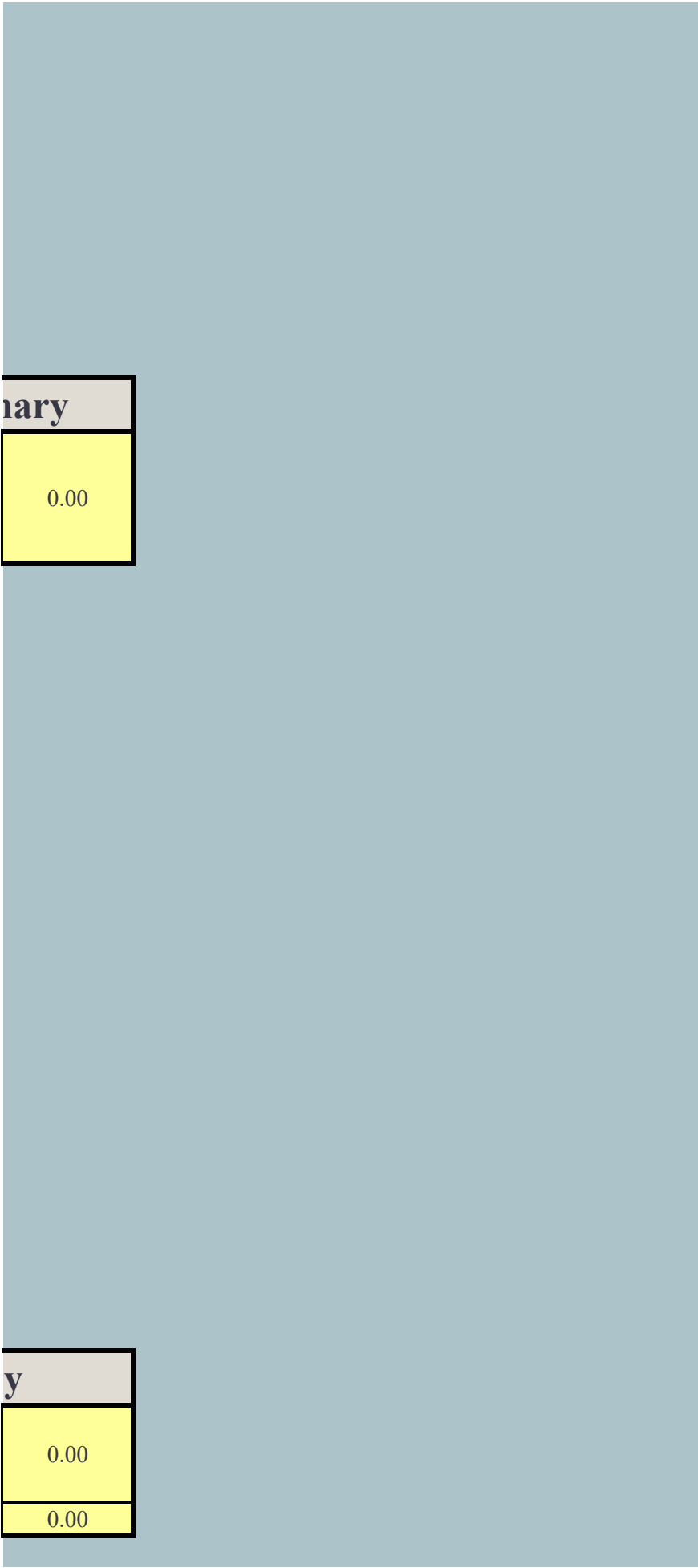
High Distinctiveness Summary
High Distinctiveness Units available to offset lower distinctiveness deficit
Unit Deficit; Like for like not satisfied

0.00
25.50
8.49
0.00
0.00
0.00
0.66
0.00
0.00

Medium Distinctiveness Broad Habitat Deficit to be offset by trading up
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit
Cumulative surplus of units

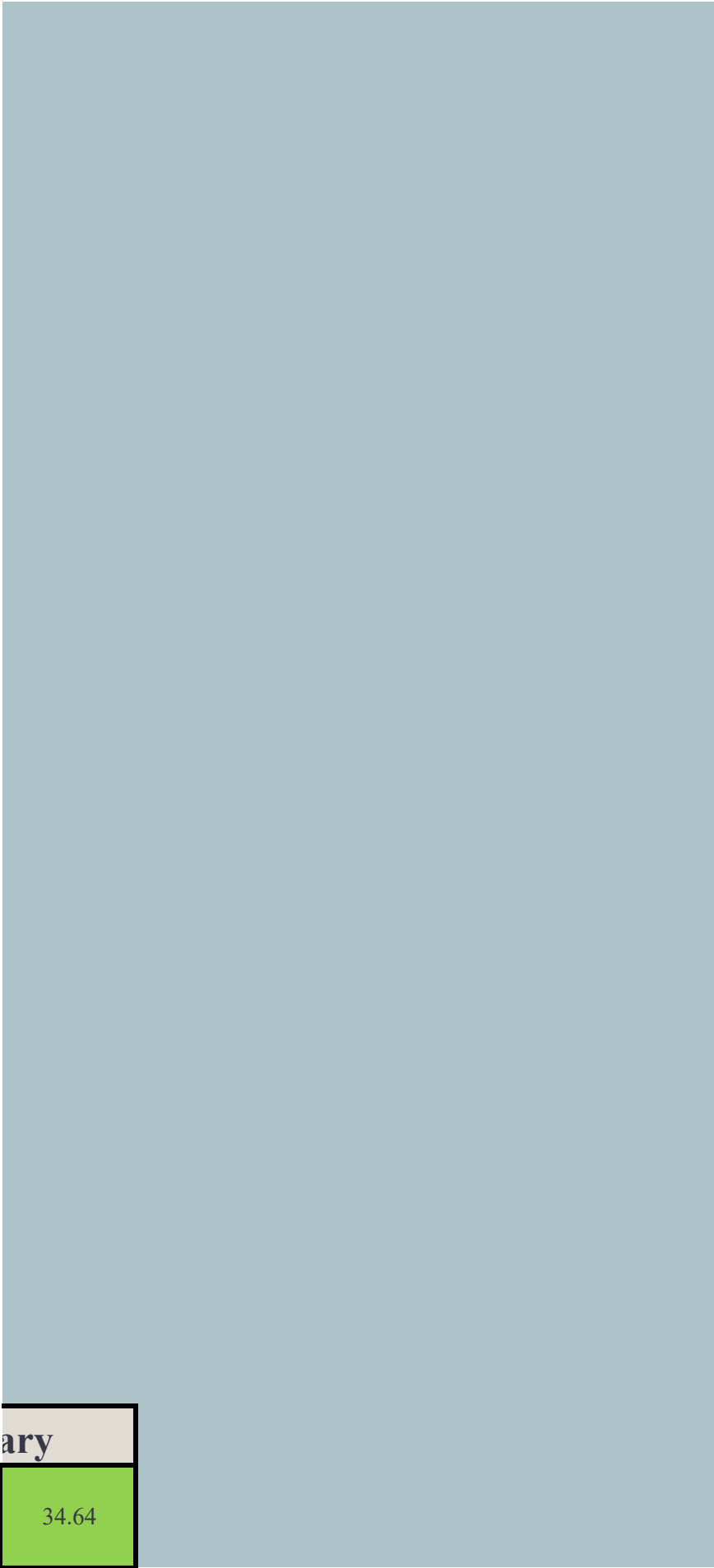
Low Distinctiveness Summary
Low Distinctiveness net change in units
Cumulative surplus of units





Primary
0.00

y
0.00
0.00



ary
34.64

0.00
0.00
34.64

-56.06
-21.42



Project Name: 7162

Condense / Show C

Main Menu

Ref	Broad Habitat
1	Grassland
2	
3	
4	
5	
6	
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8	
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- Land South of Sapcote Road, Burbage Map Reference:

A-1 On-Site Habitat Baseline

Columns

Condense / Show Rows

Instructions

Existing area habitats

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Total habitat area	16.02
Site Area (Excluding area of Individual trees and Green walls)	16.02
M² to hectares conversion tool:	Select a unit

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

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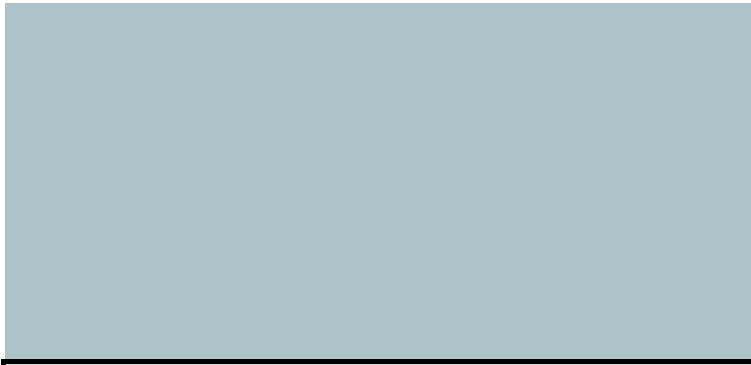
[illegible]

[illegible]

[illegible]

0.00	16.02	64.06	

Individual	16.02
------------	-------

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



Project Name: 716

Condense / Shrink

Main Name

Broad Habitat

Urban

Grassland

Grassland

Grassland

Grassland

Heathland and shrub

Heathland and shrub

Urban

Urban

Urban

Urban

Individual trees



2 - Land South of Sapcote Road, Burbage

Map Reference:

A-2 On-Site Habitat Creation

How Columns

Condense / Show Rows

Menu

Instructions

Proposed habitat

Developed land; sealed surface

Modified grassland

Modified grassland

Other neutral grassland

Other neutral grassland

Mixed scrub

Mixed scrub

Built linear features

Developed land; sealed surface

Sustainable drainage system

Vegetated garden

Rural tree

Total habitat area

Site Area (Excluding area of Individual trees and Green walls)

M² to hectares conversion tool:

Area habitat summary	
Total Net Unit Change	-21.42
Total Net % Change	-33.44%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check (excluding individual trees and green walls)	Area Acceptable ✓

Post development/ post intervention

Area (hectares)	Distinctiveness	Condition	Strategic significance
	Distinctiveness	Condition	Strategic significance
5.1969	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
0.835	Low	Moderate	Area/compensation not in local strategy/ no local strategy
0.0368	Low	Poor	Area/compensation not in local strategy/ no local strategy
3.5635	Medium	Moderate	Area/compensation not in local strategy/ no local strategy
0.2134	Medium	Moderate	Formally identified in local strategy
0.8763	Medium	Good	Area/compensation not in local strategy/ no local strategy
0.1676	Medium	Moderate	Area/compensation not in local strategy/ no local strategy
2.528	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
0.0669	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
0.3037	Low	Moderate	Area/compensation not in local strategy/ no local strategy
2.2273	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
0.2158	Medium	Moderate	Area/compensation not in local strategy/ no local strategy
16.23			

16.02

Select a unit	Hectares	M²



vention habitats		
Temporal multiplier		Difficulty
Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation
Standard time to target condition applied	0	Medium
Standard time to target condition applied	4	Low
Standard time to target condition applied	1	Low
Standard time to target condition applied	5	Low
Standard time to target condition applied	5	Low
Standard time to target condition applied	10	Low
Standard time to target condition applied	5	Low
Standard time to target condition applied	0	Low
Standard time to target condition applied	0	Medium
Standard time to target condition applied	3	Medium
Standard time to target condition applied	1	Low
Standard time to target condition applied	27	Low







Project Name: 7162 - Land South of Sapcote Road, Burbage Map Reference:

A-3 On-Site Habitat Enhancement

Condense / Show Columns

Condense / Show Rows

[Main Menu](#)

Instructions

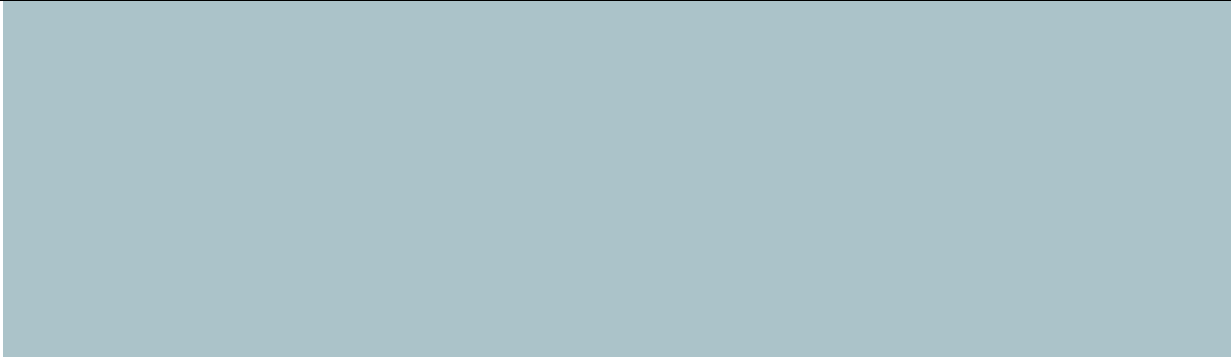
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[illegible]

[illegible]

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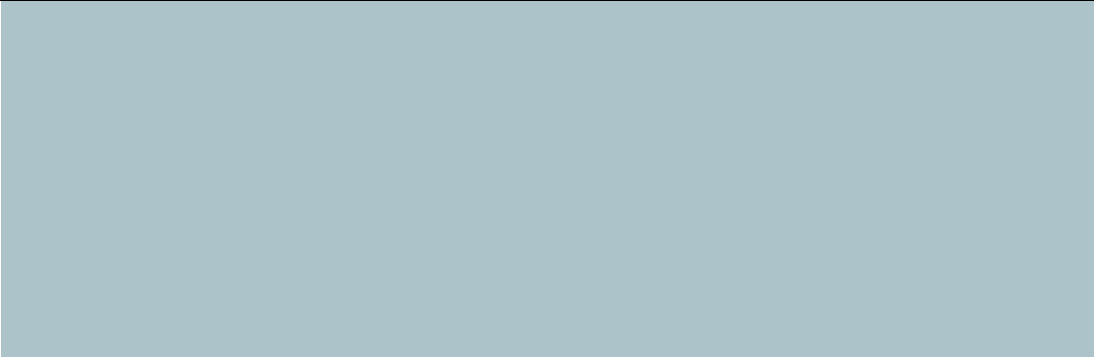
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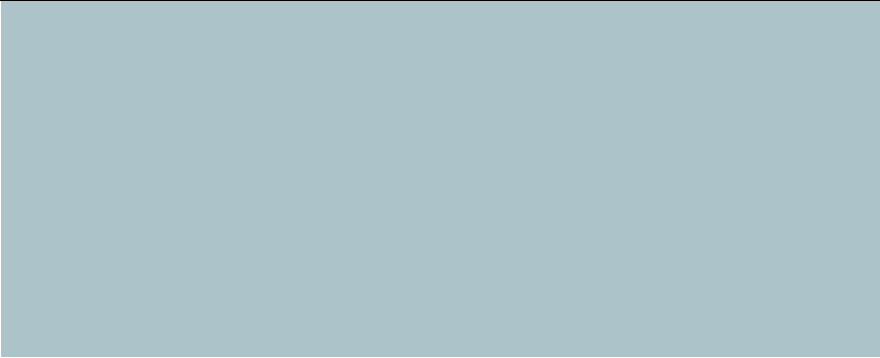
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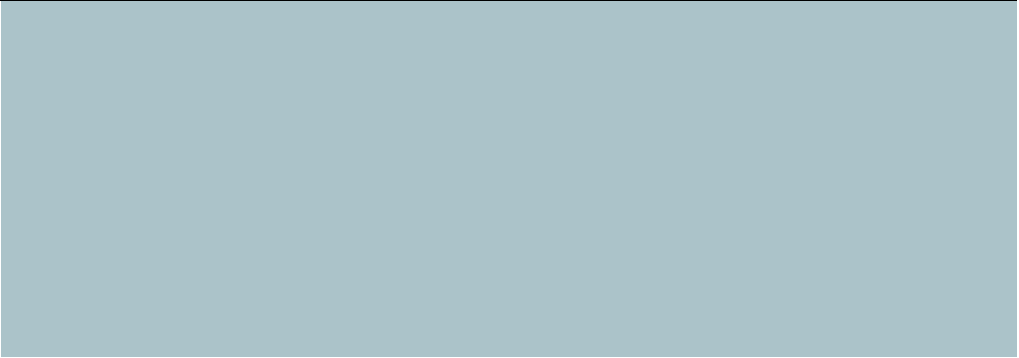
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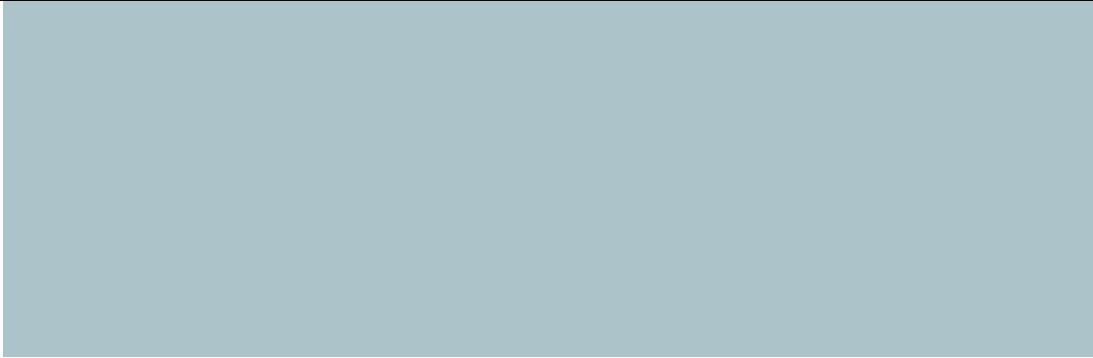
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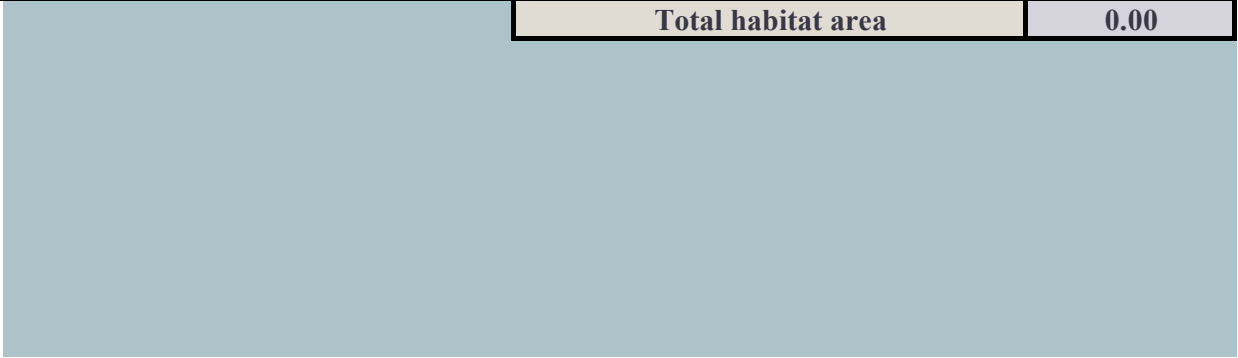
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[illegible]

	Total habitat area	0.00



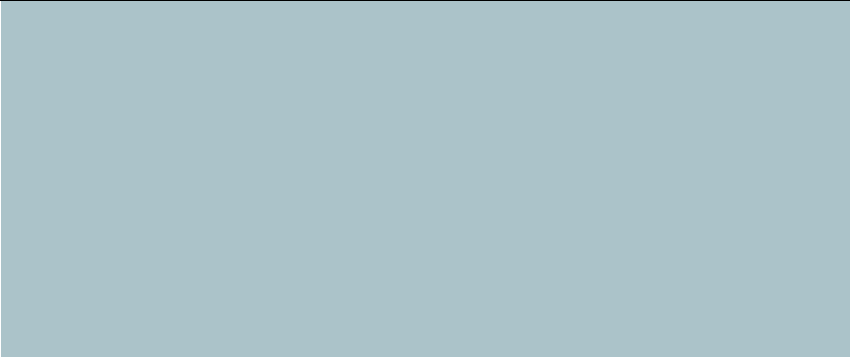
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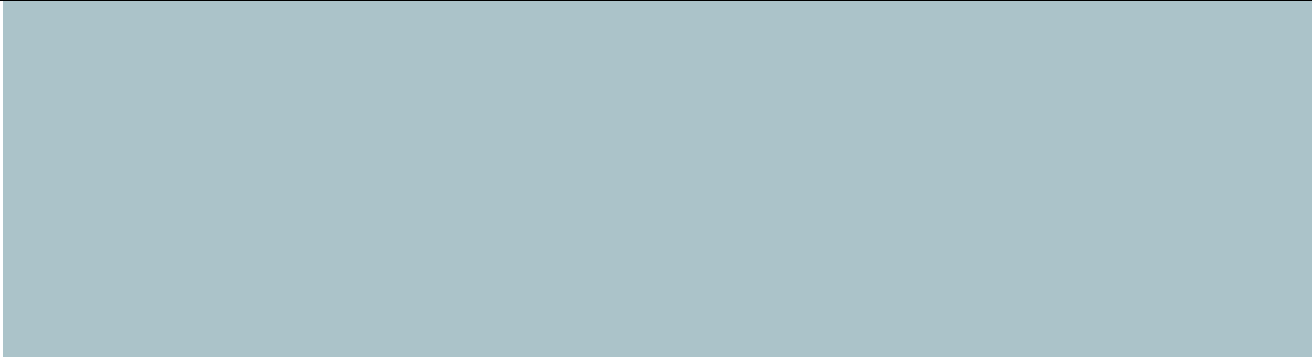
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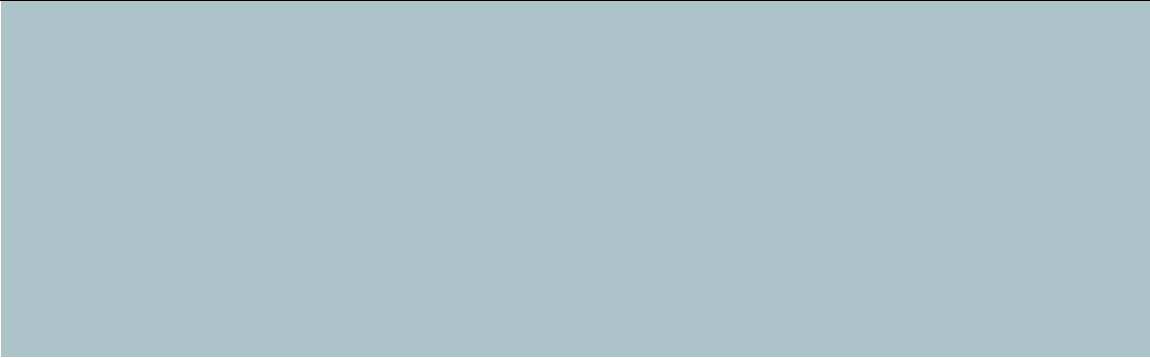
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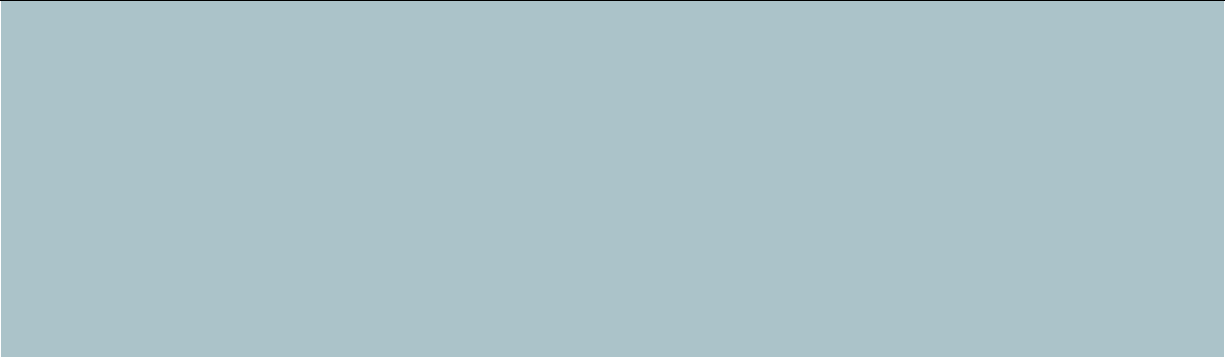
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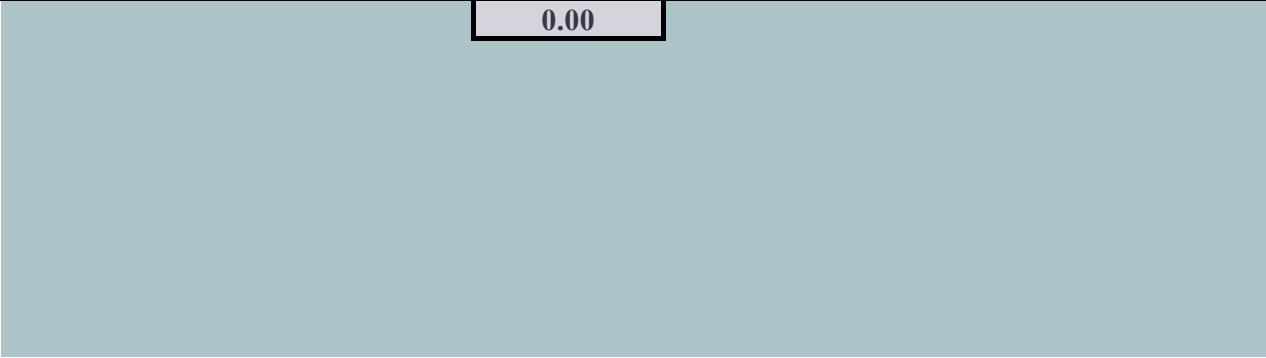
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Documents

Consenting body comments

**GIS reference
number**

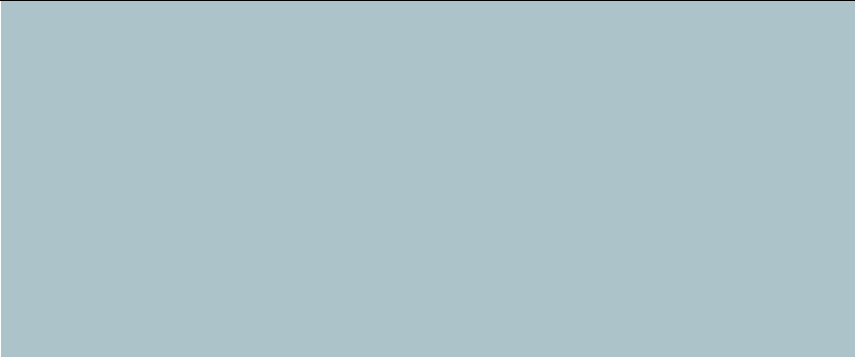
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Project Name: 7162 - L

F

Condense / Show C

Main Menu

Baseline ref	Hedge number
1	H1
2	H2
3	H5
4	H6
5	H7
6	H8
7	H9
8	H10
9	H11
10	LoT 2
11	LOT 1
12	LOT 1a
13	H22
14	H17

15	H16
16	H15
17	H14
18	H12
19	H13
20	H9
21	H9
22	H9
23	H9
24	H10
25	H10
26	H7
27	H7
28	H6
29	H6
30	
31	
32	
33	
34	

B-1 On-Site Hedge Baseline

Columns

Condense / Show Rows

Instructions

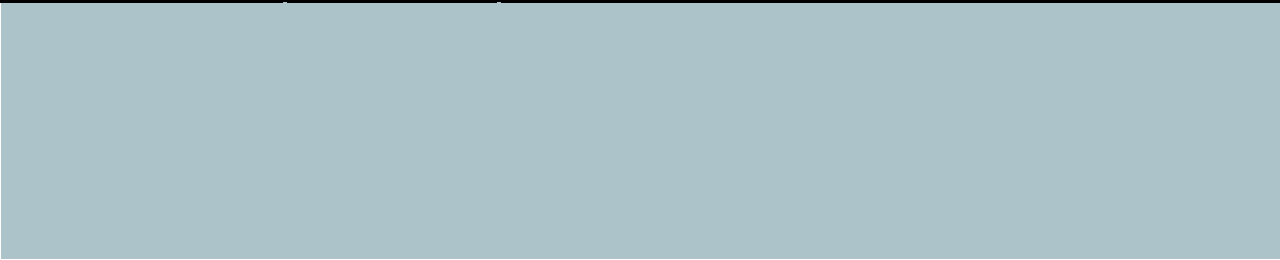
Existing hedgerow habitats	
Hedgerow type	Length (km)
Native hedgerow with trees	0.312
Native hedgerow with trees	0.148
Native hedgerow	0.103
Native hedgerow	0.014
Native hedgerow with trees	0.107
Native hedgerow - associated with bank or ditch	0.177
Native hedgerow with trees - associated with bank or ditch	0.075
Native hedgerow - associated with bank or ditch	0.003
Native hedgerow - associated with bank or ditch	0.032
Line of trees	0.152
Line of trees	0.038
Line of trees	0.016
Native hedgerow	0.095
Native hedgerow with trees - associated with bank or ditch	0.122

Native hedgerow with trees - associated with bank or ditch	0.121
Native hedgerow with trees - associated with bank or ditch	0.148
Native hedgerow - associated with bank or ditch	0.178
Native hedgerow with trees - associated with bank or ditch	0.081
Native hedgerow - associated with bank or ditch	0.101
Native hedgerow with trees - associated with bank or ditch	0.013
Native hedgerow with trees - associated with bank or ditch	0.134
Native hedgerow with trees - associated with bank or ditch	0.008
Native hedgerow with trees - associated with bank or ditch	0.094
Native hedgerow - associated with bank or ditch	0.007
Native hedgerow - associated with bank or ditch	0.029
Native hedgerow with trees	0.042
Native hedgerow with trees	0.077
Native hedgerow	0.125
Native hedgerow	0.034
	2.59



Hedgerow summary		
Total Net Unit Change	0.77	
Total Net % Change	2.49%	
Trading Rules Satisfied	No - check trading summary ▲	
Distinctiveness	Condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Medium	Good	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Low	Moderate	Formally identified in local strategy
Low	Moderate	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy
Low	Moderate	Area/compensation not in local strategy/ no local strategy
Low	Poor	Area/compensation not in local strategy/ no local strategy
Low	Poor	Area/compensation not in local strategy/ no local strategy
Low	Moderate	Formally identified in local strategy
High	Good	Formally identified in local strategy

High	Good	Formally identified in local strategy
High	Good	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Low	Moderate	Formally identified in local strategy
Low	Moderate	Formally identified in local strategy



Required Action to Meet Trading Rules	Ecological baseline	Retention category biodiversity value			
	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced
Same distinctiveness band or better	4.31	0.312	0	4.31	0.00
Same distinctiveness band or better	2.04	0.148	0	2.04	0.00
Same distinctiveness band or better	0.47	0.103	0	0.47	0.00
Same distinctiveness band or better	0.06	0.014	0	0.06	0.00
Same distinctiveness band or better	1.48	0.107	0	1.48	0.00
Same distinctiveness band or better	1.63	0.177	0	1.63	0.00
Like for like or better	1.04	0.075	0	1.04	0.00
Same distinctiveness band or better	0.04	0.003	0	0.04	0.00
Same distinctiveness band or better	0.29	0.032	0	0.29	0.00
Same distinctiveness band or better	0.61	0.152	0	0.61	0.00
Same distinctiveness band or better	0.08	0.038	0	0.08	0.00
Same distinctiveness band or better	0.03	0.016	0	0.03	0.00
Same distinctiveness band or better	0.44	0.095	0	0.44	0.00
Like for like or better	2.53	0.122	0	2.53	0.00

Like for like or better	2.50		0.121	0	2.50	0.00
Like for like or better	3.06		0.148	0	3.06	0.00
Same distinctiveness band or better	1.64		0.178	0	1.64	0.00
Like for like or better	1.12		0.081	0	1.12	0.00
Same distinctiveness band or better	1.39		0.101	0	1.39	0.00
Like for like or better	0.18		0	0	0.00	0.00
Like for like or better	1.85		0.134	0	1.85	0.00
Like for like or better	0.11		0	0	0.00	0.00
Like for like or better	1.30		0.094	0	1.30	0.00
Same distinctiveness band or better	0.10		0	0	0.00	0.00
Same distinctiveness band or better	0.40		0.029	0	0.40	0.00
Same distinctiveness band or better	0.58		0	0	0.00	0.00
Same distinctiveness band or better	1.06		0.077	0	1.06	0.00
Same distinctiveness band or better	0.58		0.125	0	0.58	0.00
Same distinctiveness band or better	0.16		0	0	0.00	0.00
	31.06		2.48	0.00	29.94	0.00

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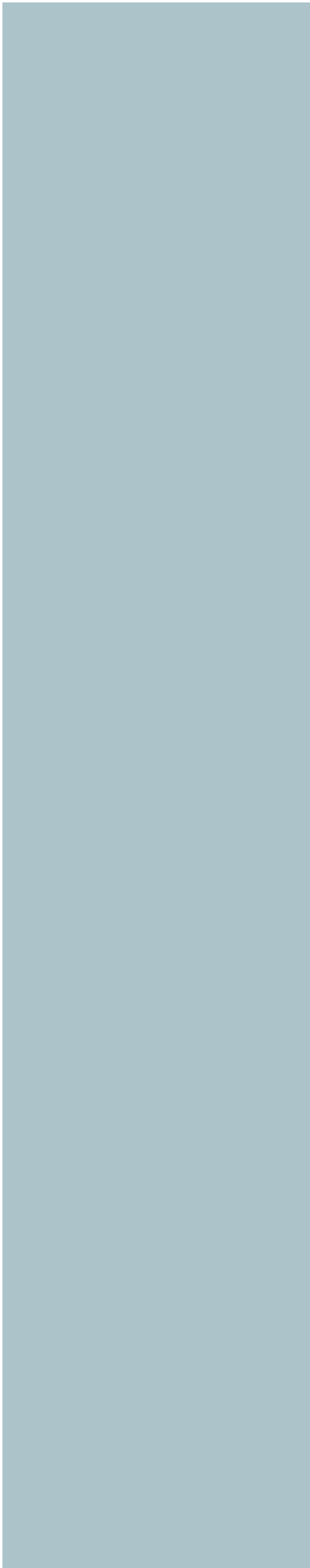
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.01	0.18	
0.00	0.00	
0.01	0.11	
0.00	0.00	
0.01	0.10	
0.00	0.00	
0.04	0.58	
0.00	0.00	
0.00	0.00	
0.03	0.16	
0.10	1.12	

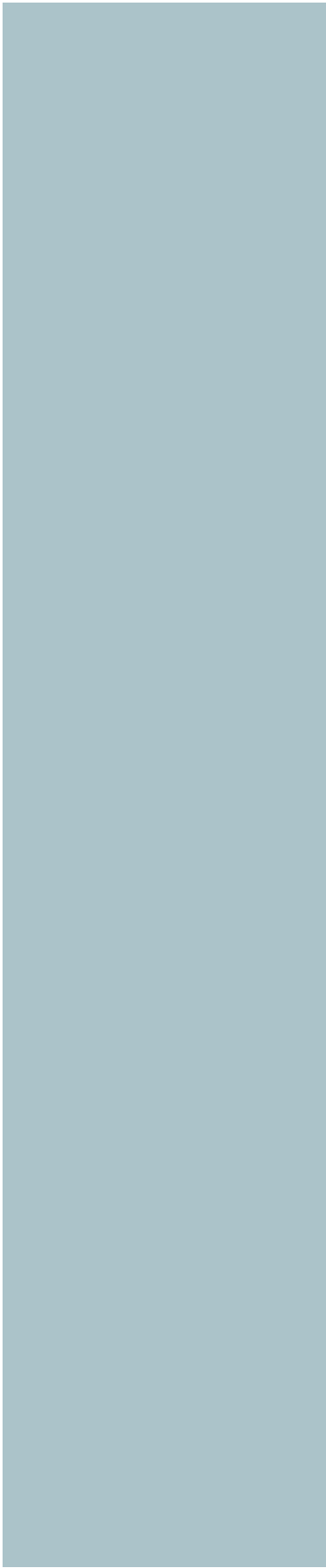


Conclusions

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Project Name: 7162 - L

E

Condense / Show

Main Mer

Baseline ref	New hedge number
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Land South of Sapcote Road, Burbage Map Reference:

B-2 On-Site Hedge Creation

Columns

Condense / Show Rows

nu

Instructions

[illegible]

Hedgerow summary	
Total Net Unit Change	0.77
Total Net % Change	2.49%
Trading Rules Satisfied	No - check trading summary ▲

Distinctiveness	Condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Medium	Moderate	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy
High	Moderate	Formally identified in local strategy

Temporal multiplier		Difficulty risk multipliers	Hedge units delivered
Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation	
Standard time to target condition applied	5	Low	0.28
Standard time to target condition applied	5	Low	0.38
Standard time to target condition applied	5	Low	0.39
Standard time to target condition applied	10	Low	0.42
Standard time to target condition applied	10	Low	0.43
			1.90



Comments	
User comments	Consenting body comments



[illegible]

Name: 7162 - Land South of Sapcote Road, Burbage Map Ref:

B-3 On-Site Hedge Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

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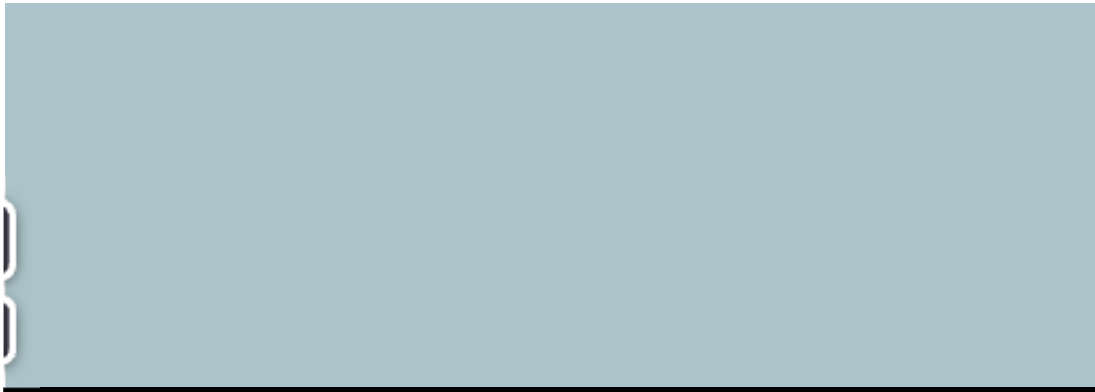
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Baseline Habitats

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Hedgerow summary

Total Net Unit Change	0.77
Total Net % Change	2.49%
Trading Rules Satisfied	No - check trading summary ▲

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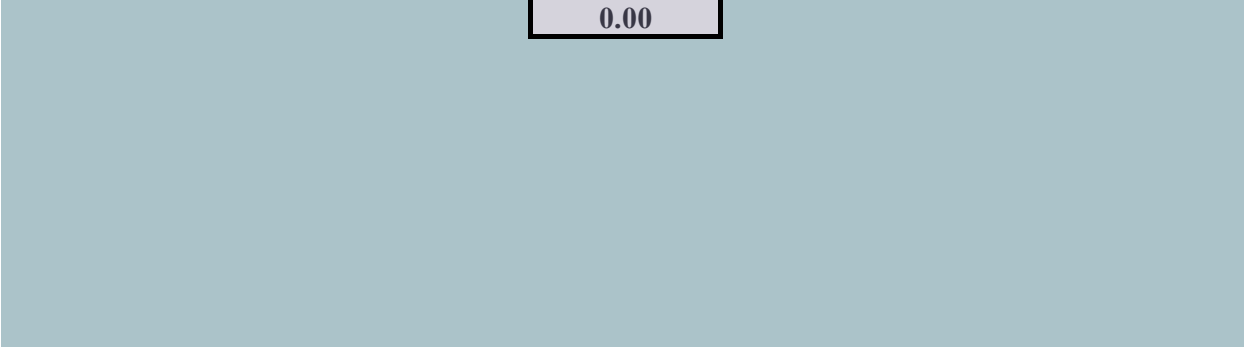
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Conclusions

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