

The Statutory Biodiversity Metric

Start page

Project details

Planning authority:	Barnsley Metropolitan Borough Council		
Project name:	Royd Moor Farm		
Applicant:	Larche Developments		
Application type:			
Planning application reference:			
Completed by:	Emily Murchison		
Date of metric completion:	10 June 2024		
Reviewer:	Kerry Baker, Senior Ecologist		
Calculation iteration:			
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	0.57	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	0.04	Irreplaceable habitat area off-site (hectares):	N/A

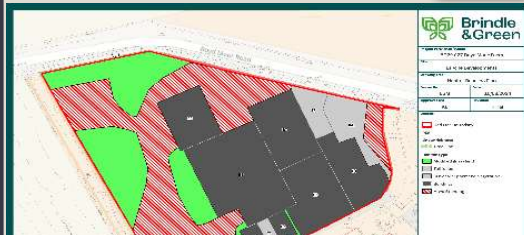
[Main menu](#)[Results](#)

Cell style conventions

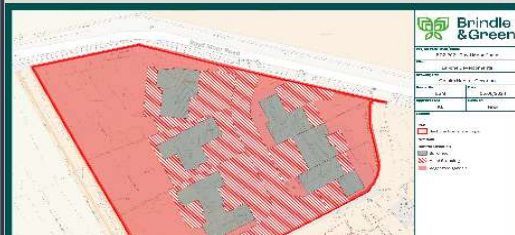
⚠	Attention required
▲	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

[View all](#)[Reset view](#)

On-site baseline map

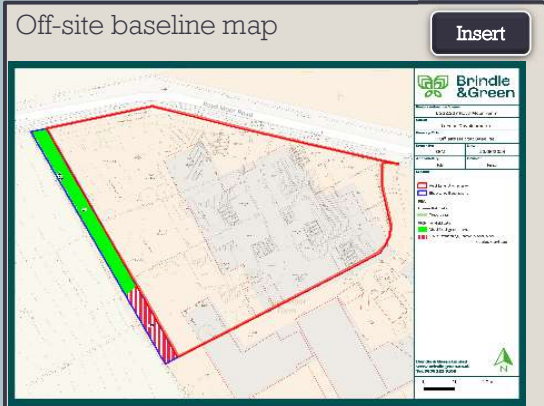
[Insert](#)

On-site post intervention map

[Insert](#)



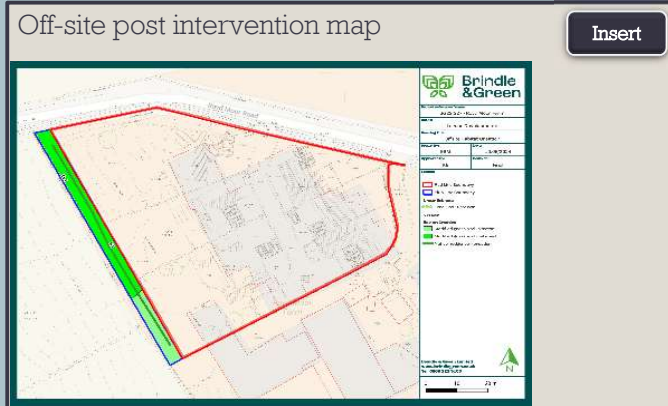
On-site baseline map reference number 1



Off-site baseline map reference number 3



On-site post-intervention map reference number 2



Off-site post-intervention reference number 4



Key

Area habitats



Hedgerows and
lines of trees



Watercourses

Start here

1



2

The Statu

Start page

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 developo

A-2 On-site Area
Habitat Creation



B-2 On-site
Hedge Creation



C-2 On-site
Watercourse
Creation



A-3 C
Enh

B-3 On
Enh

C
Wa
En



utory Biodiversity Metric

Main menu

Technical data

Results

3

opment

On-site Area
Habitat
enhancement



n-site Hedge
enhancement



2-3 On-site
watercourse
enhancement



Off-site baseline

D-1
Off-site
Area Habitat Baseline



E-1
Off-site Hedge
Baseline



F-1
Off-site Watercourse
Baseline



D-
Ha

E-2



Tree helper

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	0	0.0000	0	0.0000

4

Off-site post development

D-2 Off-site Area
Habitat Creation



D-3 Off-site Area Habitat
Enhancement



E-2 Off-site Hedge
Creation



E-3 Off-site Hedge
Enhancement



F-2 Off-site
Watercourse
Creation



F-3 Off-site Watercourse
Enhancement





The Statutory

Return to start
page

Headline results

De

Off-site
summary

Ir.
hab

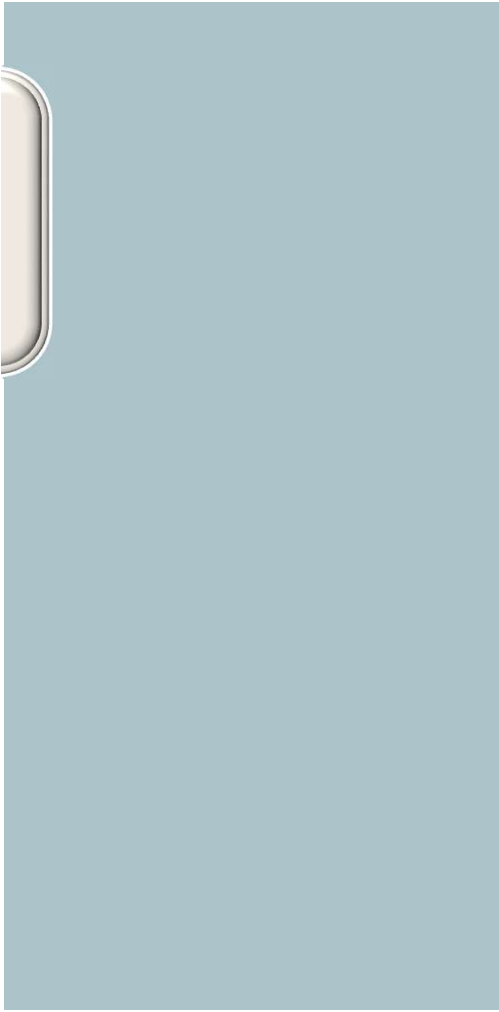
y Biodiversity Metric Results

etailed results

Habitat trading
summaries

replaceable
itats summary

Unit shortfall
summary



Royd Moor Farm
Headline Results
Scroll down for final results ⚠

Return to
results menu

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

Off-site net change (units & percentage)	<i>Hedgerow units</i>
	<i>Watercourse units</i>

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

Spatial risk multiplier (SRM) deductions	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

FINAL RESULTS

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

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

Trading rules satisfied?

Yes

Unit Type	Target	Baseline Units	Units Required
<i>Habitat units</i>	10.00%	0.38	0.42
<i>Hedgerow units</i>	10.00%	0.10	0.11
<i>Watercourse units</i>	10.00%	0.00	0.00

0.38
0.10
0.00

0.53
0.00
0.00

0.15	40.18%
-0.10	-100.00%
0.00	0.00%

0.06
0.07
0.00

0.08
0.33
0.00

0.02	38.60%
------	--------

On-site net gain is less than target set Δ

0.26	359.85%
0.00	0.00%

0.18
0.16
0.00

0.00
0.00
0.00

--

0.18
0.16
0.00

46.27%
159.09%
0.00%

es ✓

Unit Deficit
0.00
0.00
0.00

No additional area habitat units required to meet target ✓
No additional hedgerow units required to meet target ✓
No additional watercourse units required to meet target ✓

Royd Moor Farm

Detailed Results

Summary Figures

Net project biodiversity

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

Total project biodiversity

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

Combined biodiversity

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 change
	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 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
	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

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

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

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

Return to results
menu

ity units

ention / creation)

Habitat units

Hedgerow units

Watercourse units

7 % change

n + retained habitats)

Habitat units

Hedgerow units

Watercourse units

habitat retention and enhancement

	Habitats	Hedgerows
	0.62	0.09
	0.44	0.17
	0.03	0.04
	0.06	0.07
ment	0.00	0.00
ement	0.00	0.00
	0.59	0.05
	0.38	0.10

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
0.13	0.26	0.00	0.00	-0.13
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.04	0.12	0.00	0.00	-0.04
0.41	0.00	0.57	0.53	0.16
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	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 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
0.03	0.06	#N/A	0.08	#N/A
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.01	0.00	0.00	0.00	-0.01
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

Off-site change by broad habitat type

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	Off-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	0.08	0.26	0.08
0.04	0.07	0.04	0.07	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

On-site and off-site change by hedgerow type

Baseline		Post-development		Change
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	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.08	0.26	0.08
0.09	0.17	0.04	0.07	-0.05
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00



and 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



0.18
0.16
0.00

46.27%
159.09%
0.00%

Watercourses
0.00
0.00

0.00
0.00

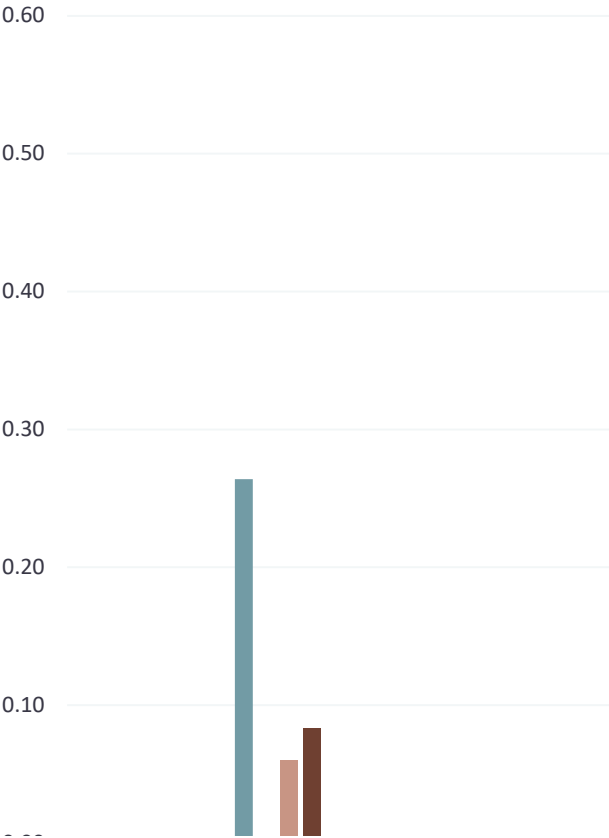
0.00
0.00

0.00
0.00

	Combined area lost from baseline
--	----------------------------------

On-site unit change		band	
On-site unit change		Category	Area lost (hectares)
0.00			
-0.26		V.High	0
0.00			
0.00		High	0
-0.12			
0.53		Medium	0
0.00			
0.00		Low	0.163
0.00			
0.00		V.Low	0.422
0.00			
0.00			
0.00			
0.00			
0.00			

Off-site unit change
0.00
0.02
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00



ed change
Combined unit change
0.00
-0.24
0.00
0.00
-0.12
0.53
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00

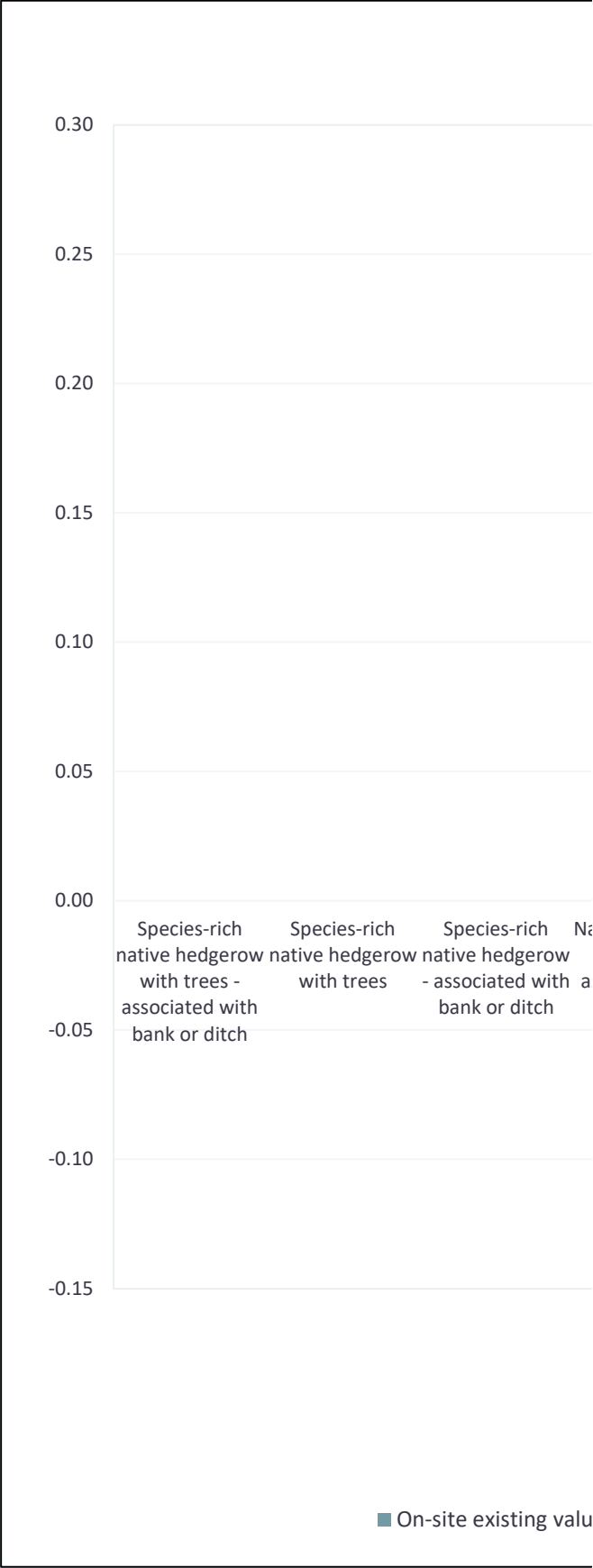


e change
On-site unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
-0.10
0.00
0.00

Combined length lost from baseline band	
Category	Length lost (km)
V.High	0
High	0
Medium	0
Low	0.051
V.Low	0

Change
Off-site unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.26
0.00
0.00
0.00

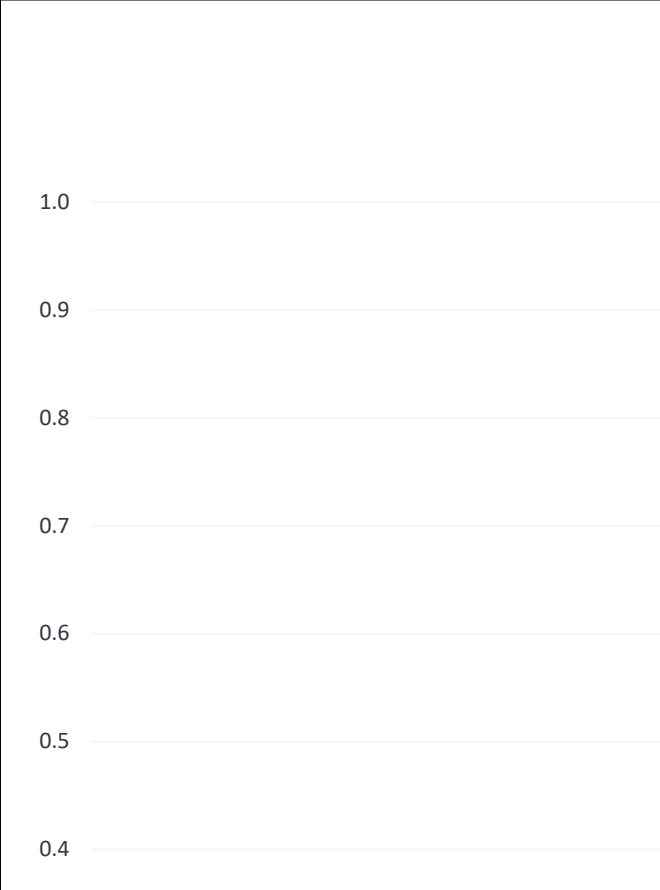
Change
Combined unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.26
-0.10
0.00
0.00



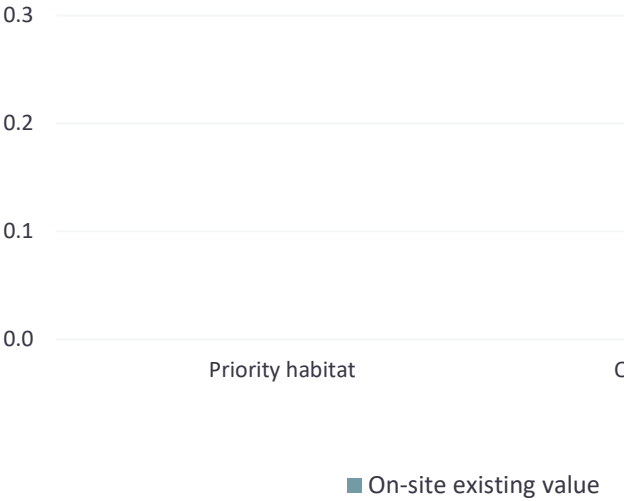
e Change
On-site unit change
0.0
0.0
0.0
0.0
0.0

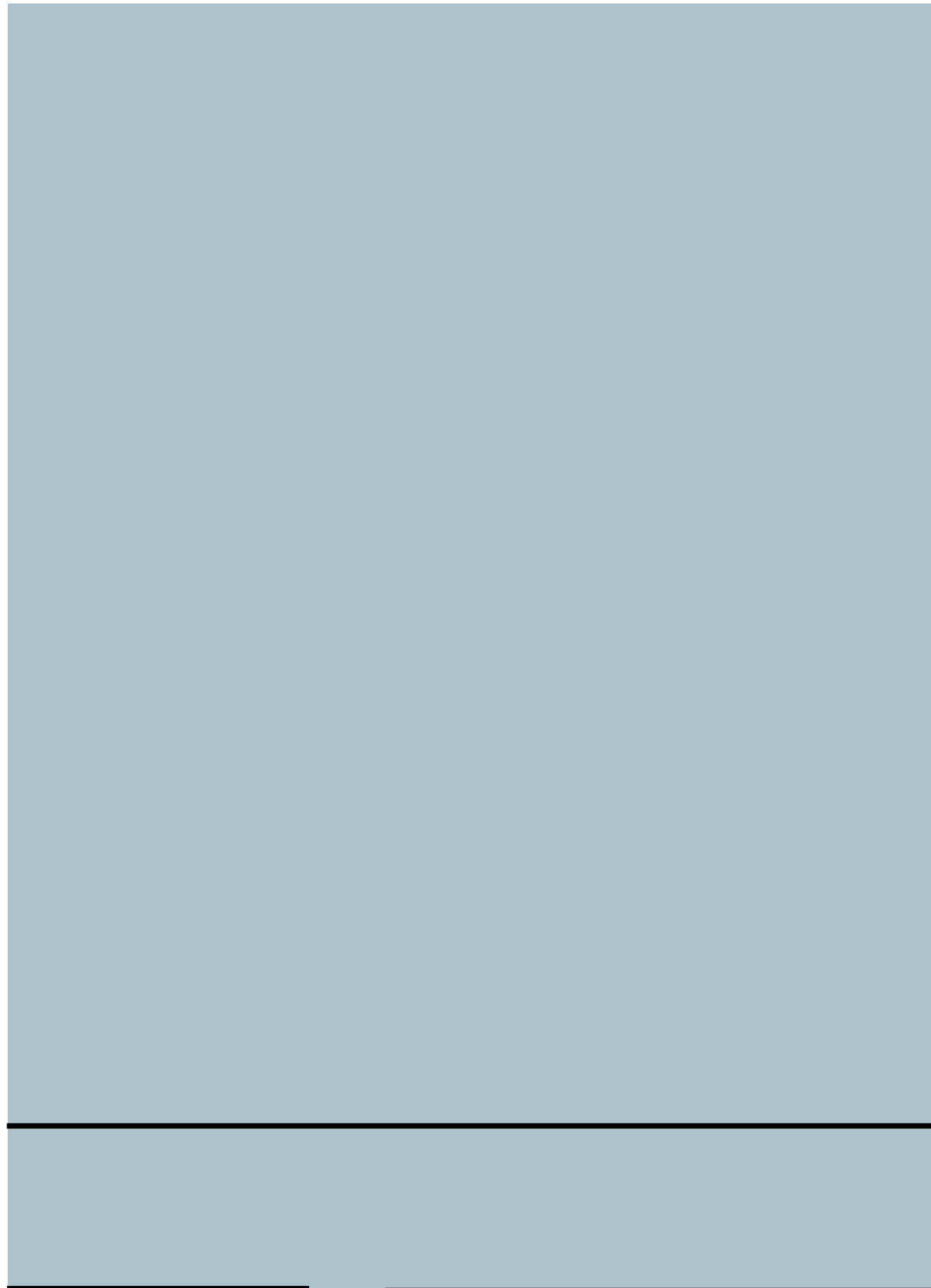
Combined length lost from baseline band	
Category	Length lost (km)
V.High	0
High	0
Medium	0
Low	0

e Change
Off-site unit change
0.0
0.0
0.0
0.0
0.0



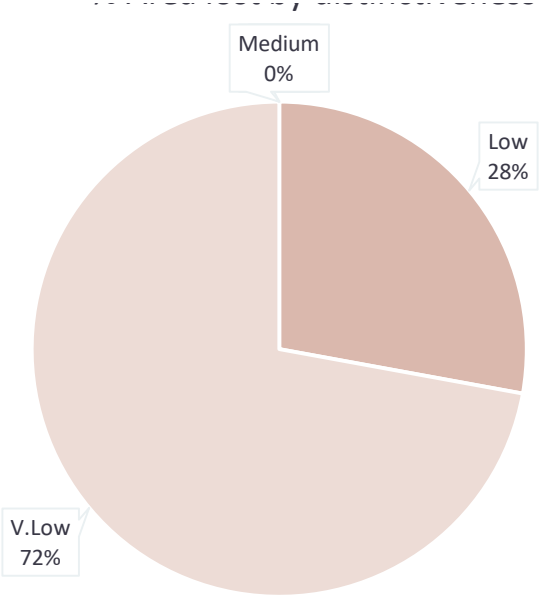
e change
Combined unit change
0.0
0.0
0.0
0.0
0.0



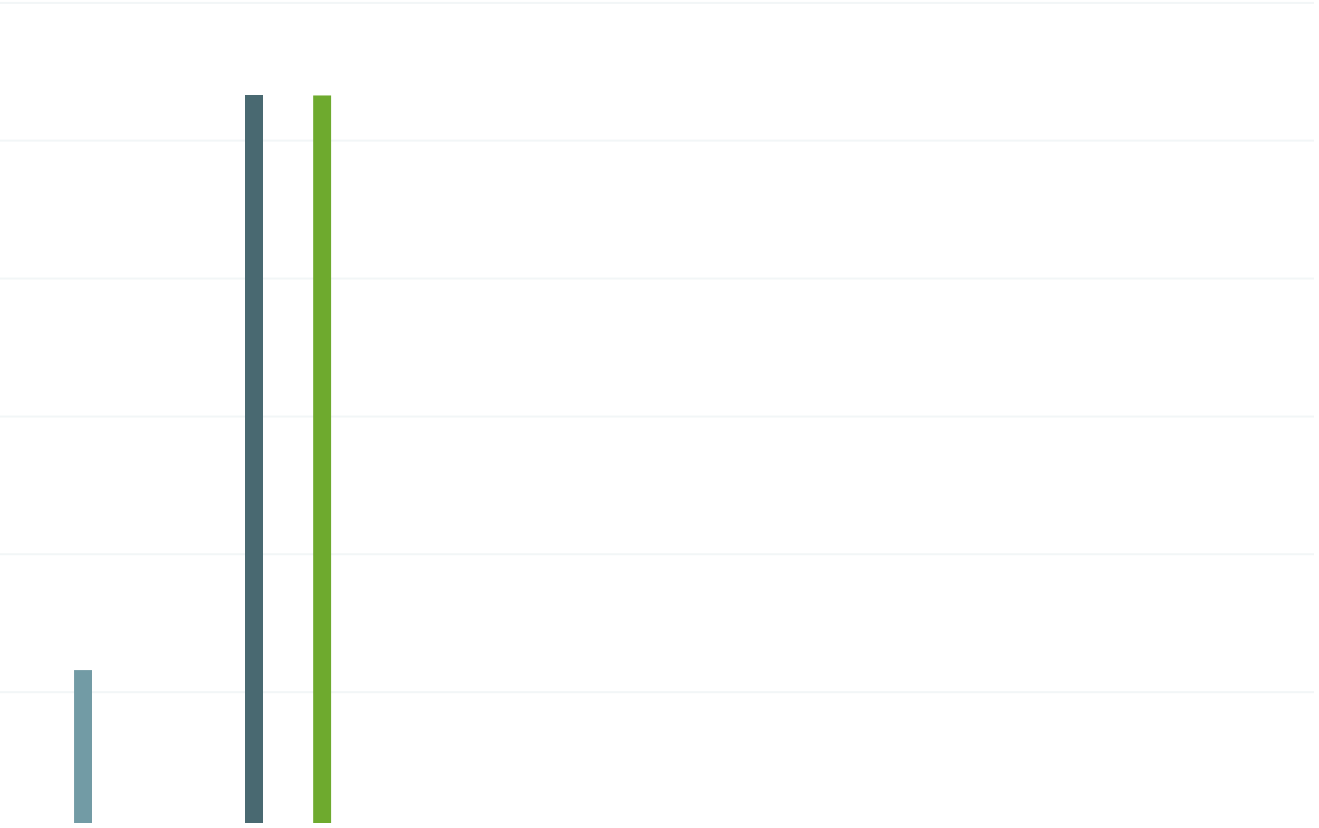


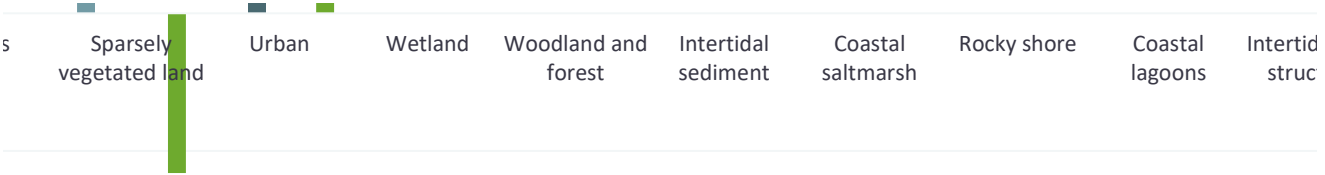
e(s) by distinctiveness	% Area lost by distinctiveness cate
-------------------------	-------------------------------------

Area lost (%)
28
72

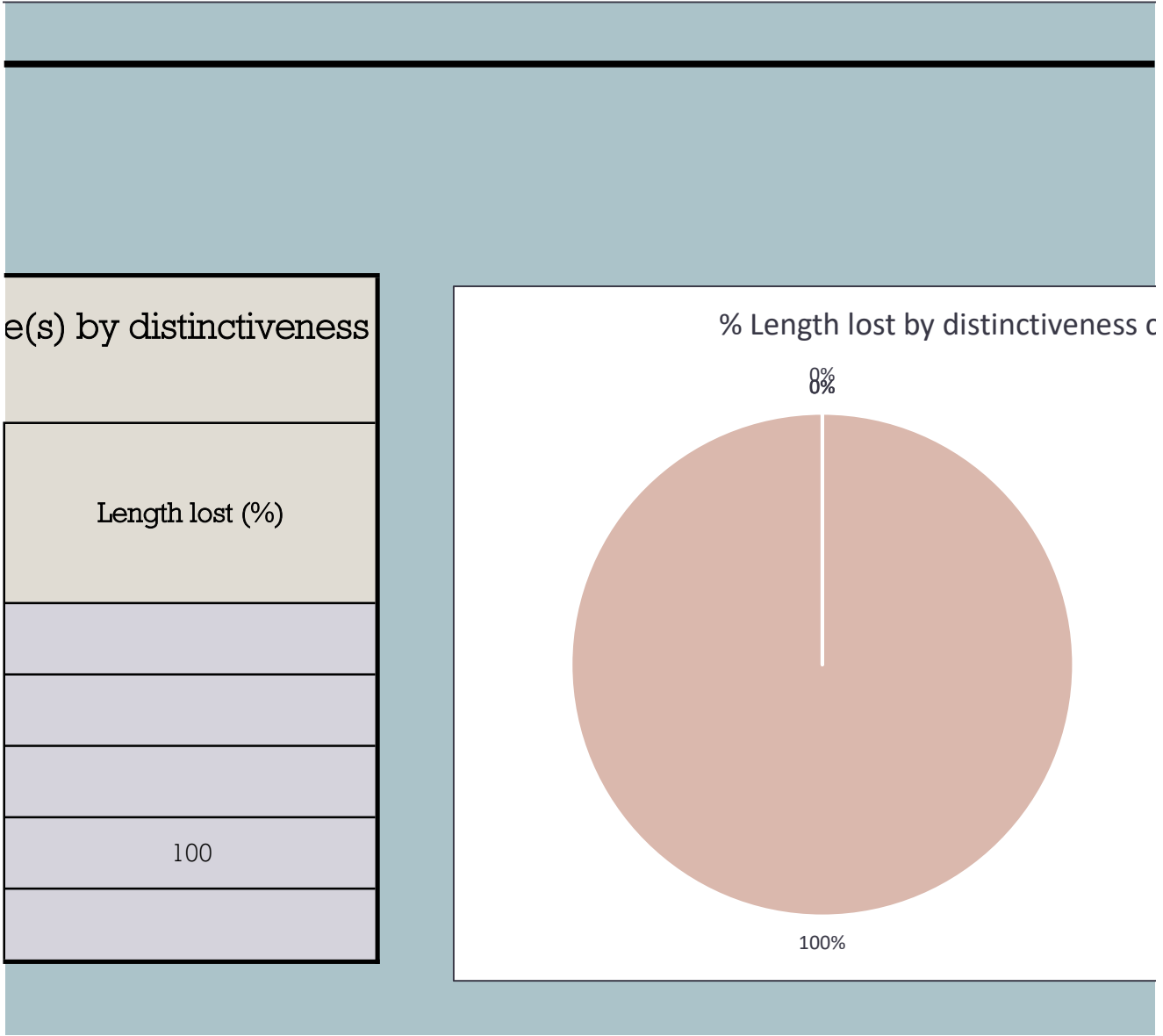


Biodiversity unit change by habitat group

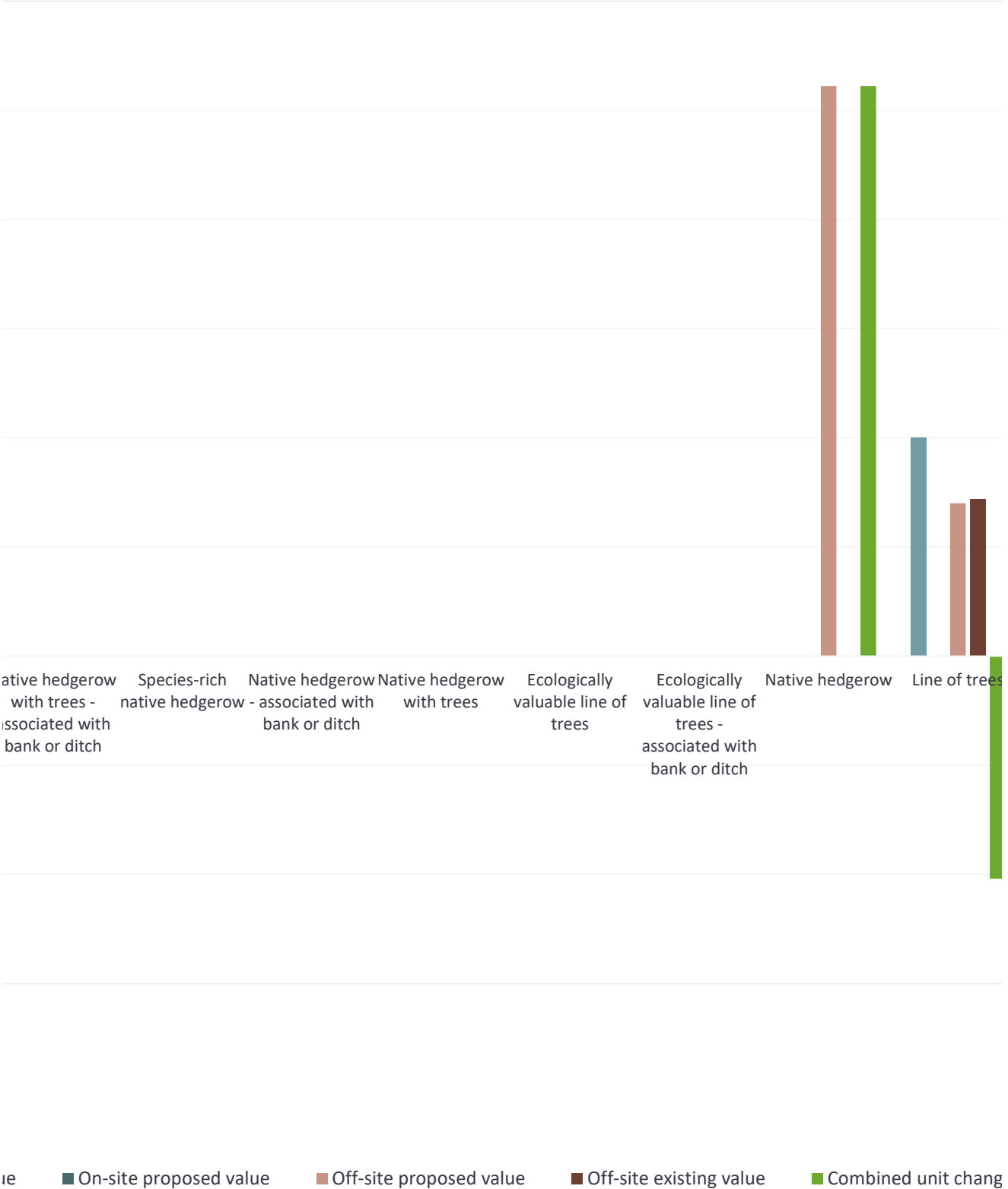


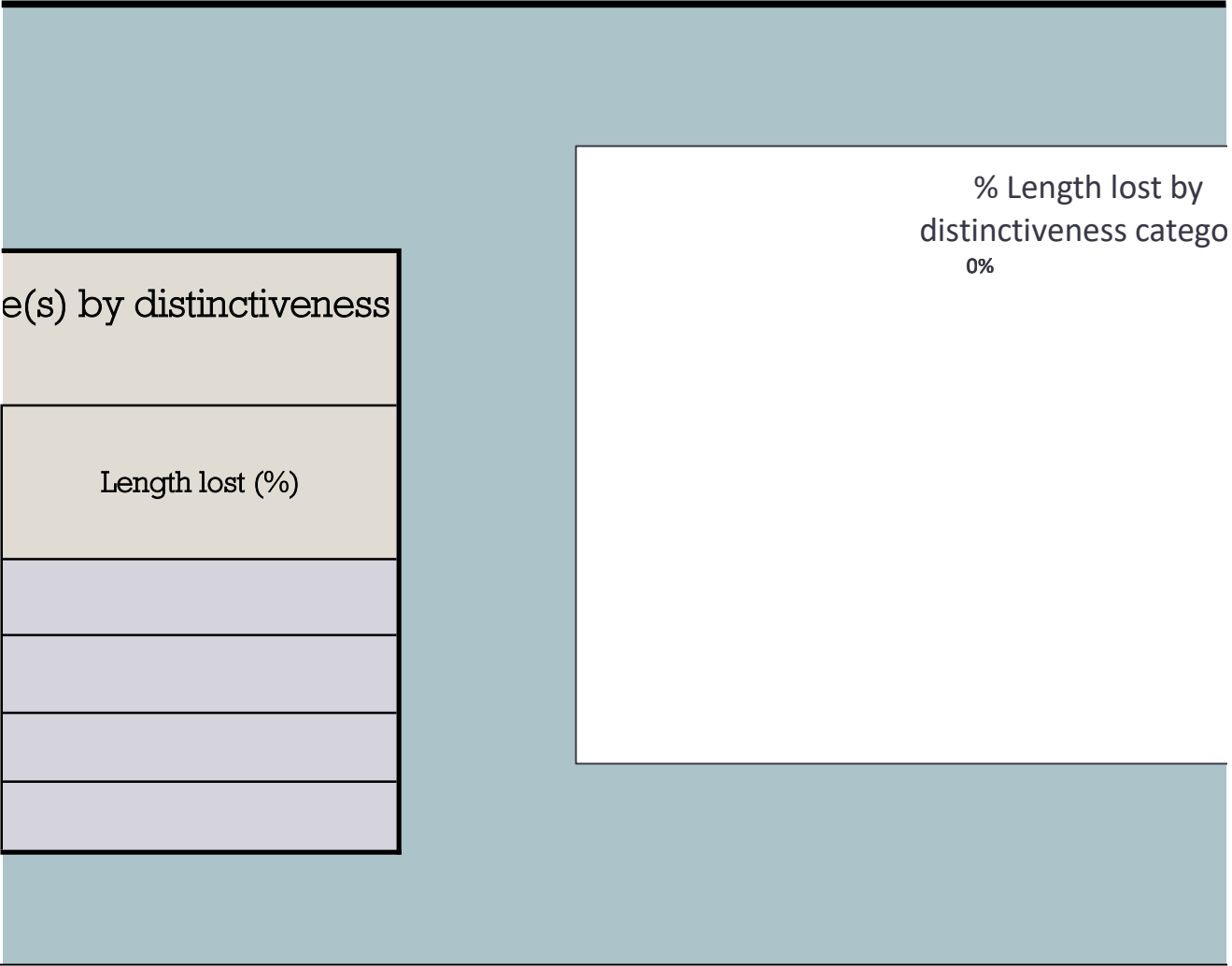


On-site existing value On-site proposed value Off-site existing value Off-site proposed value Cor



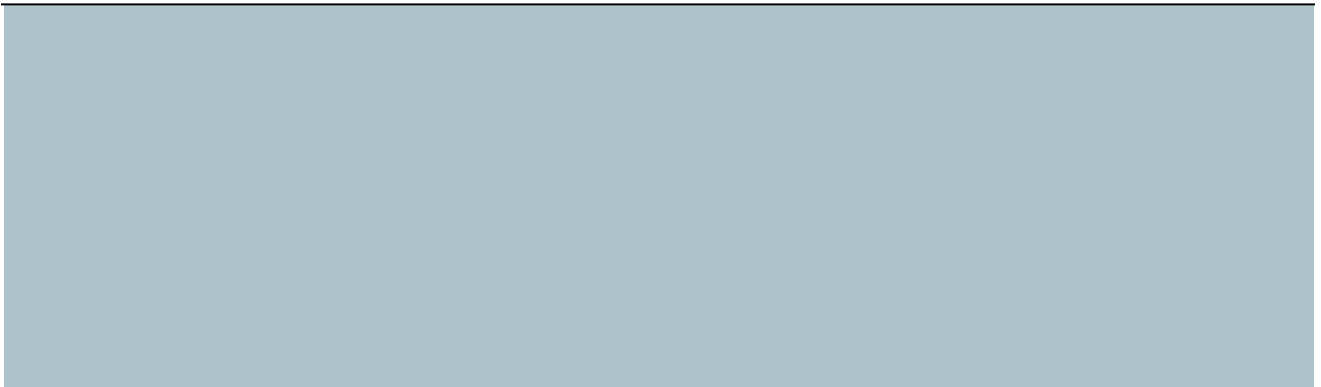
Hedgerow biodiversity unit change





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





7000

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

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

0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00

0.03

0.00

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

Total on-site and off-site a
length proposed for enhanc

0.70
0.60
0.50
0.40
0.30
0.20

dal hard
:tures

Watercourse
footprint

Individual
trees

0.10

0.00

-0.10

Cropland

Grassland

Heathland and
shrub

Lakes

ve,

nbined unit change

■ On-site

category

■ V.High

■ High

■ Medium

■ Low

■ V.Low

On-site and off-site hedge retention by c
length (km)

0.06

0.05

0.04

0.03

0.02

0.01

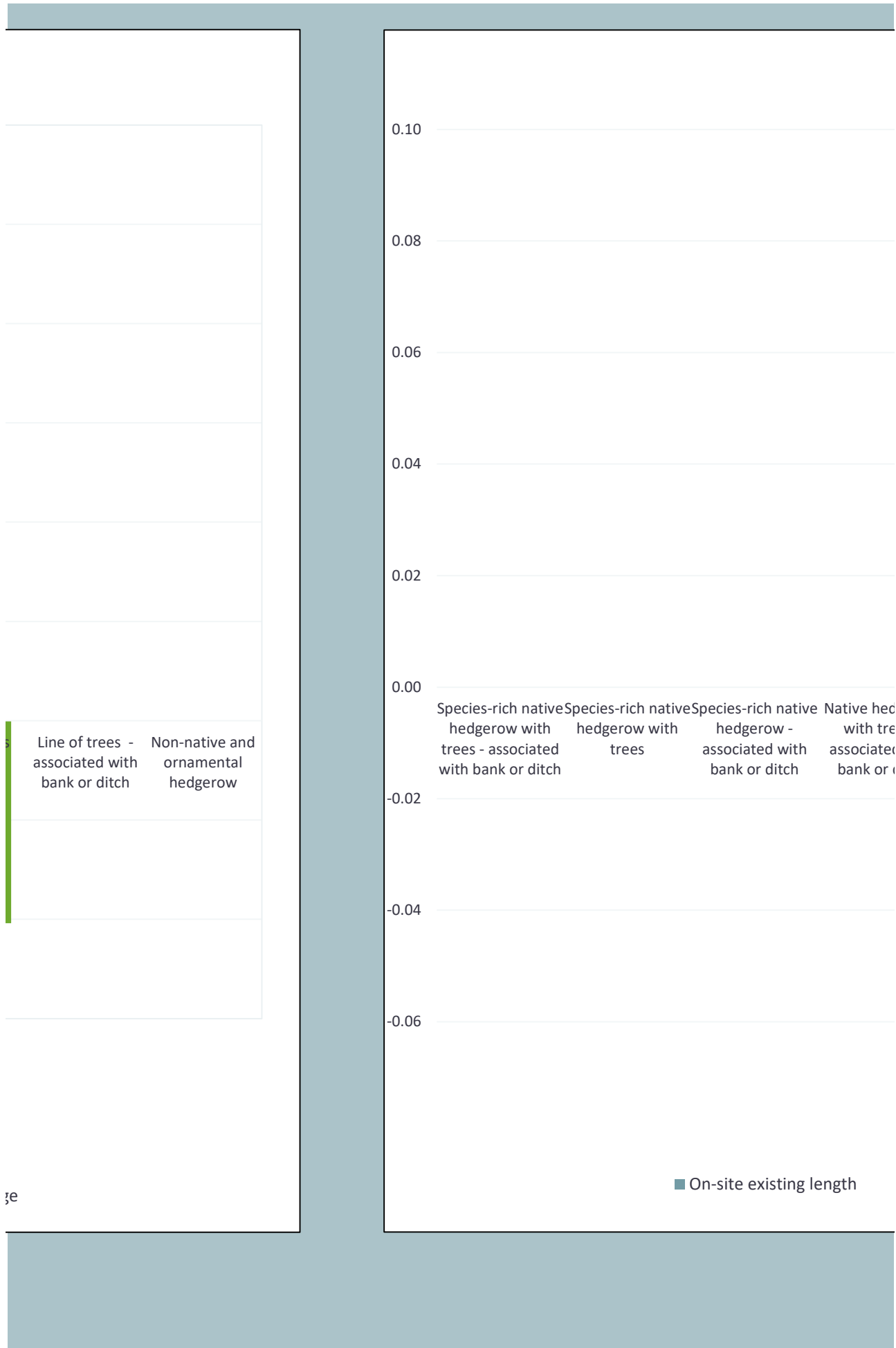
0.00

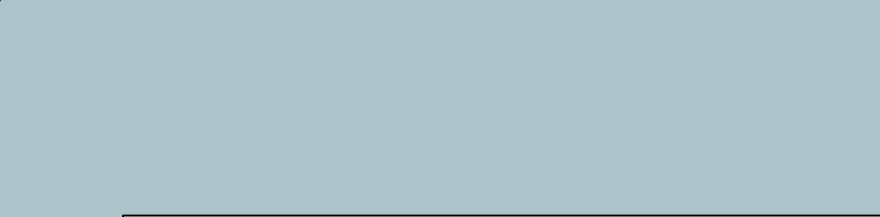
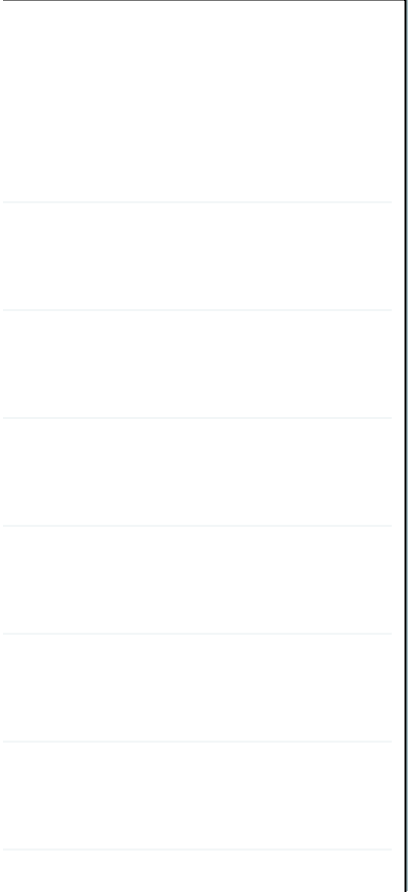
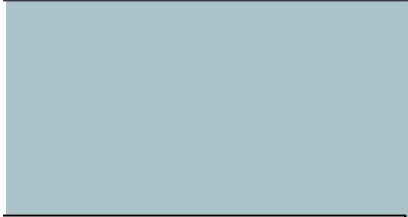
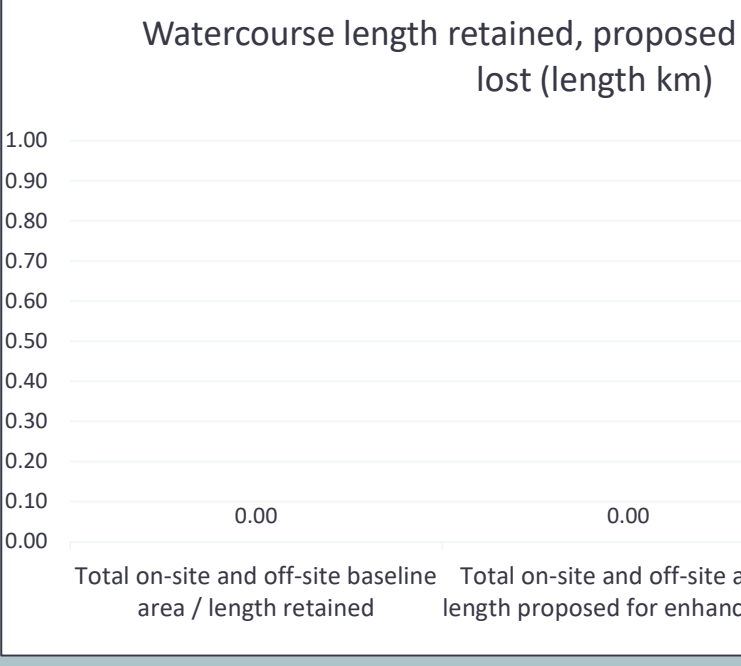
0.04

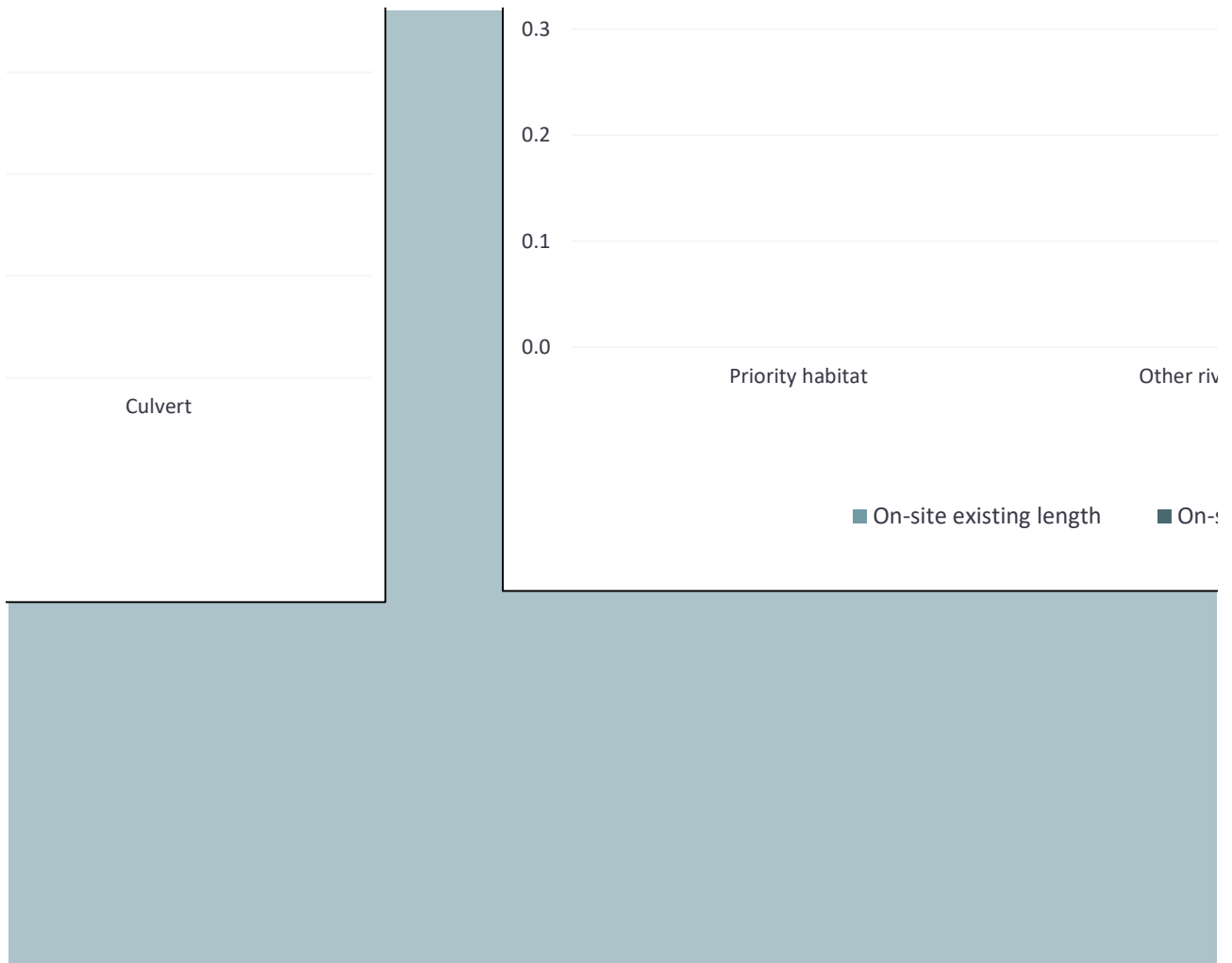
0.00

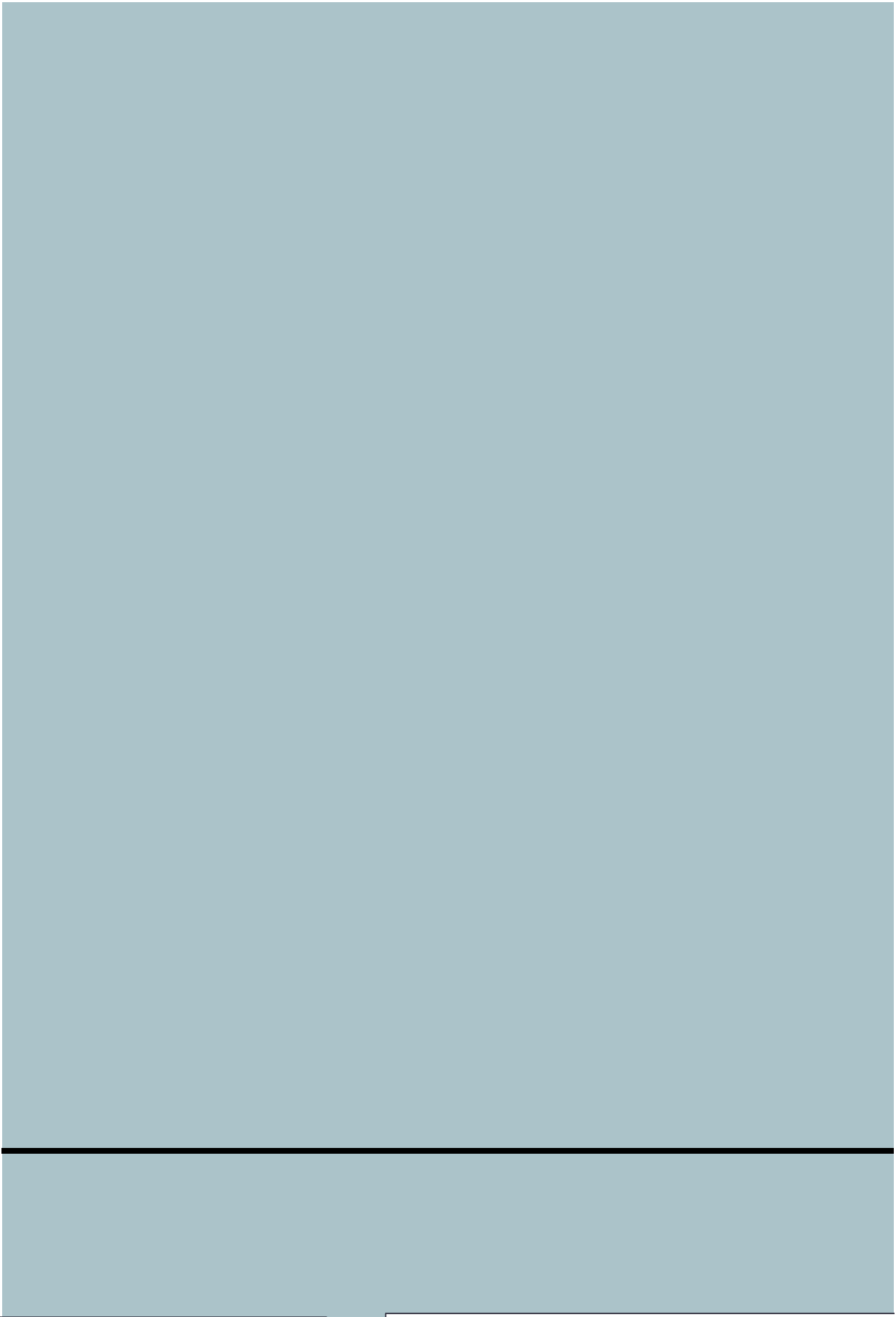
Total on-site and off-site
baseline area / length
retained

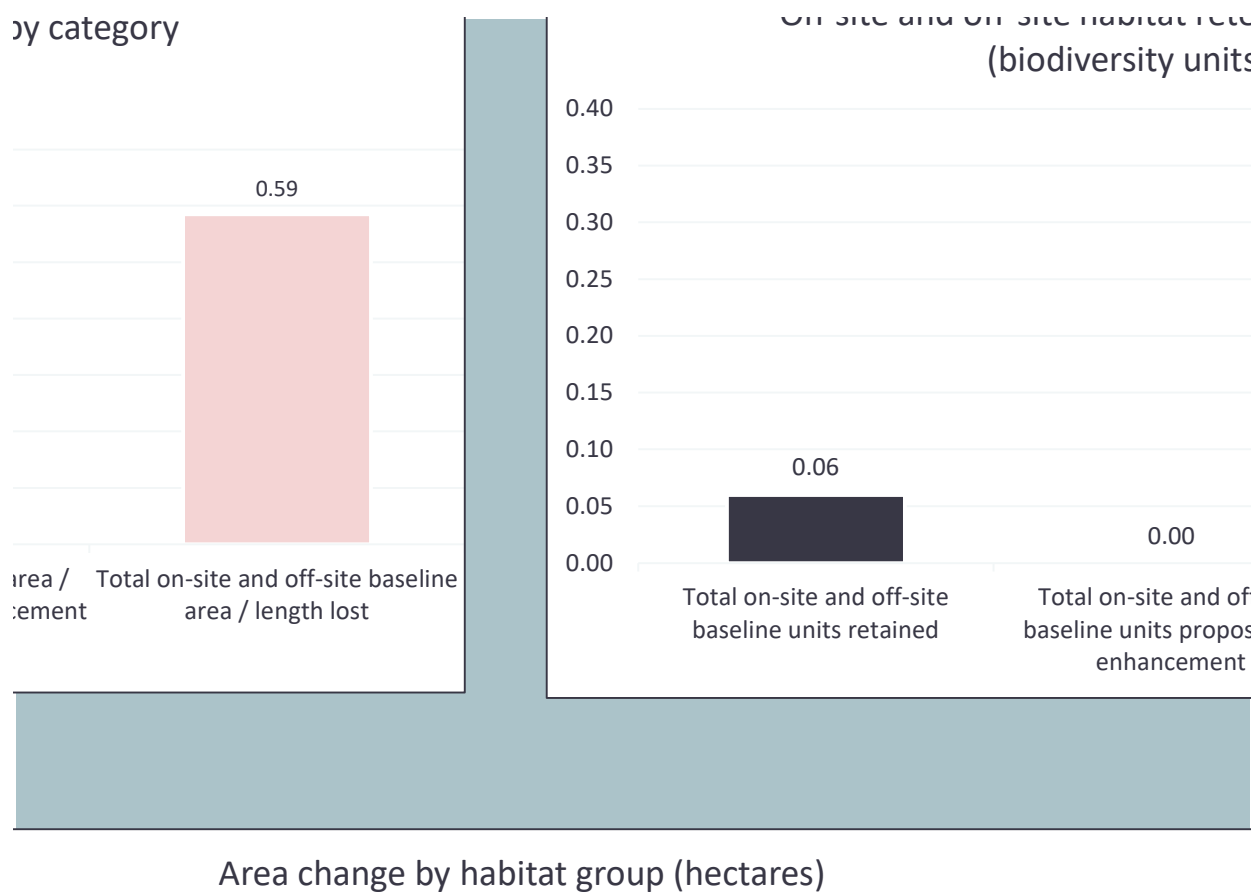
Total on-site and off-site area
/ length proposed for
enhancement

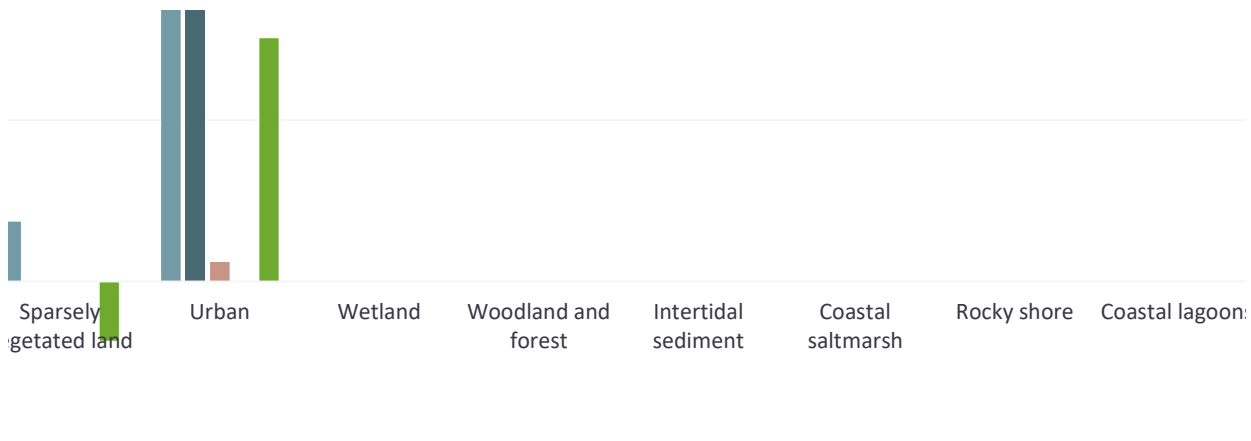






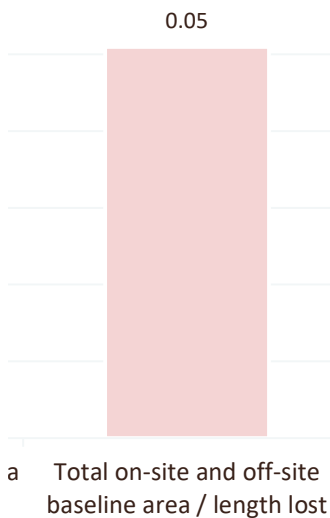




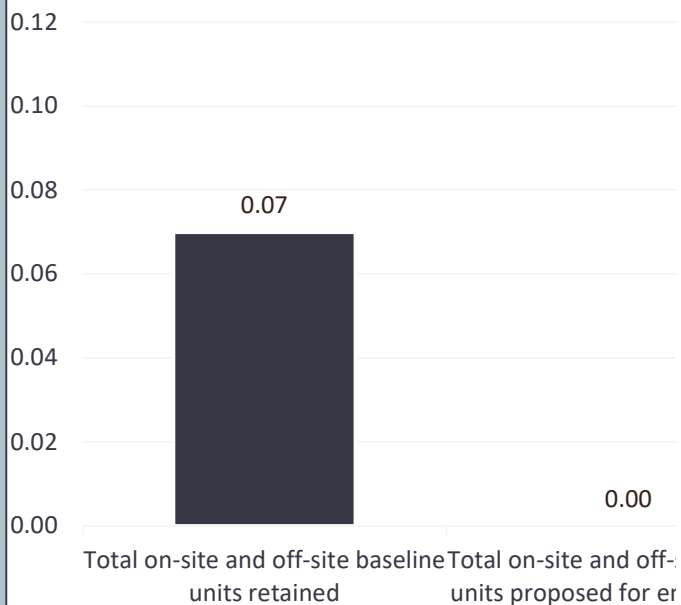


Existing area On-site proposed area Off-site existing area Off-site proposed area Combined

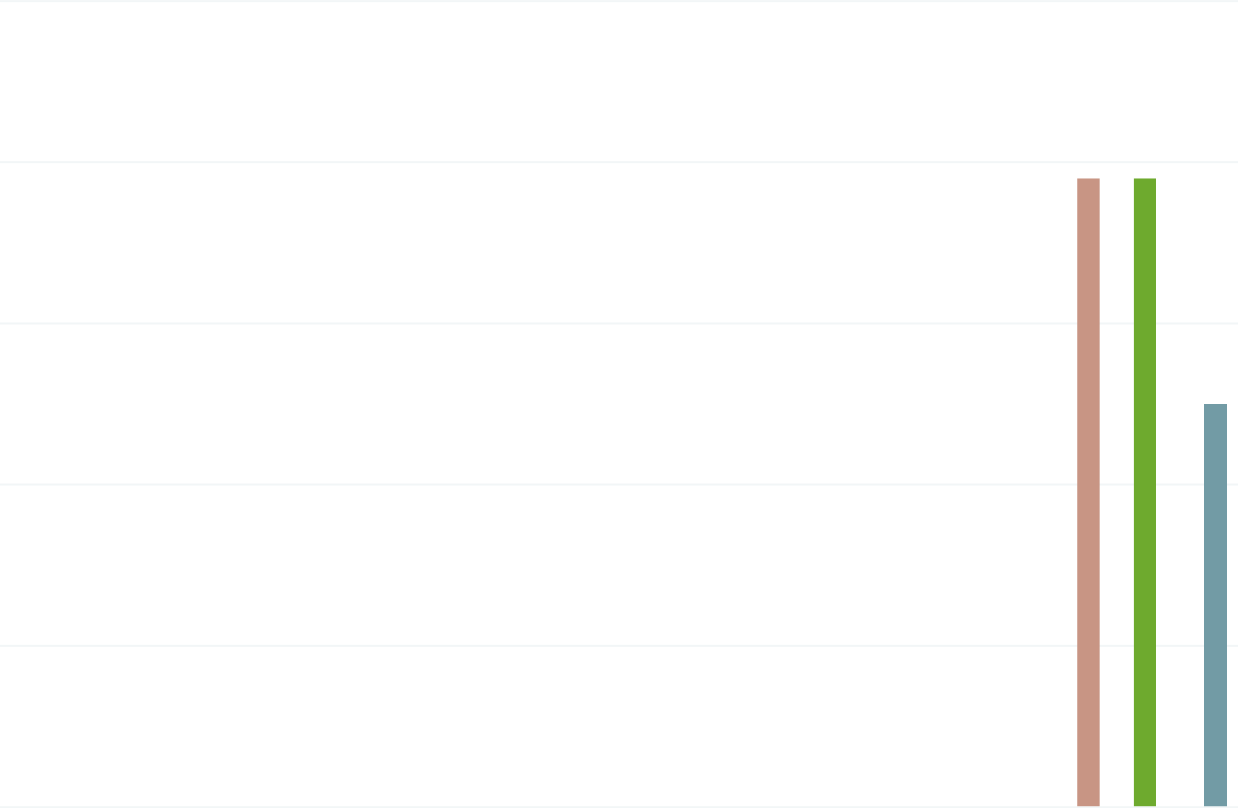
category



On-site and off-site hedge retention (biodiversity units)



Hedgerow length change (km)



Hedgerow associated with 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 Linear

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

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

Scenario	Watercourse retention of watercourse biodiversity
Total on-site and off-site baseline units retained	0.00
Total on-site and off-site baseline units proposed for enhancement	0.00

vers and streams

Ditches

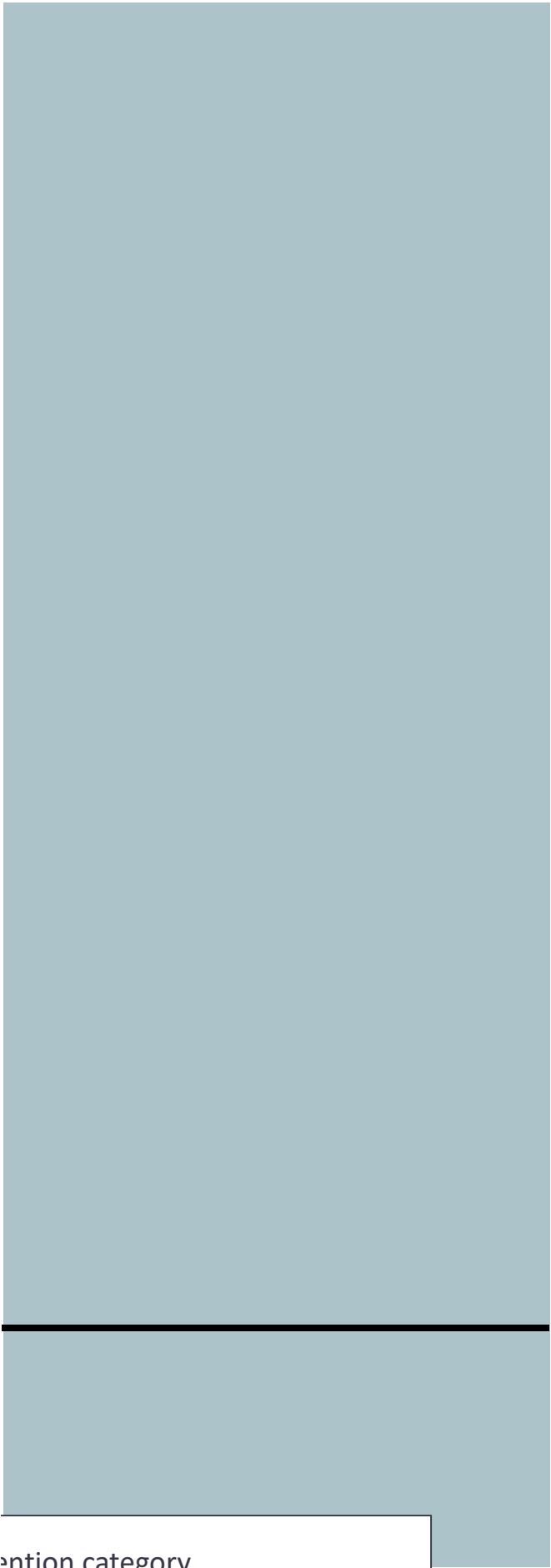
Canals

site proposed length

- Off-site existing length

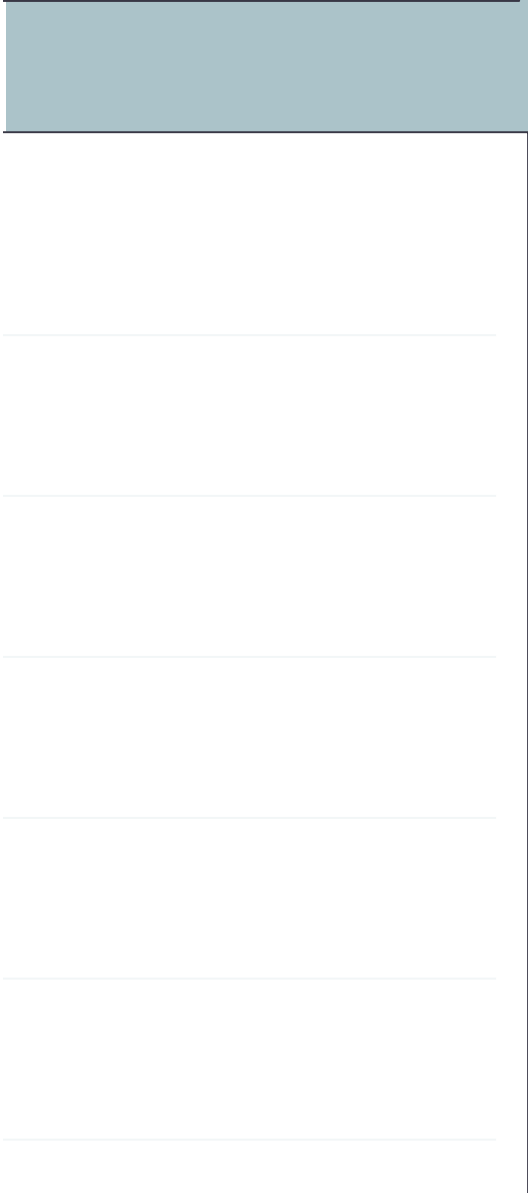
- Off-site proposed length

- Combined length change



ention category

ation category
s)



s Intertidal hard structures Watercourse footprint Individual trees

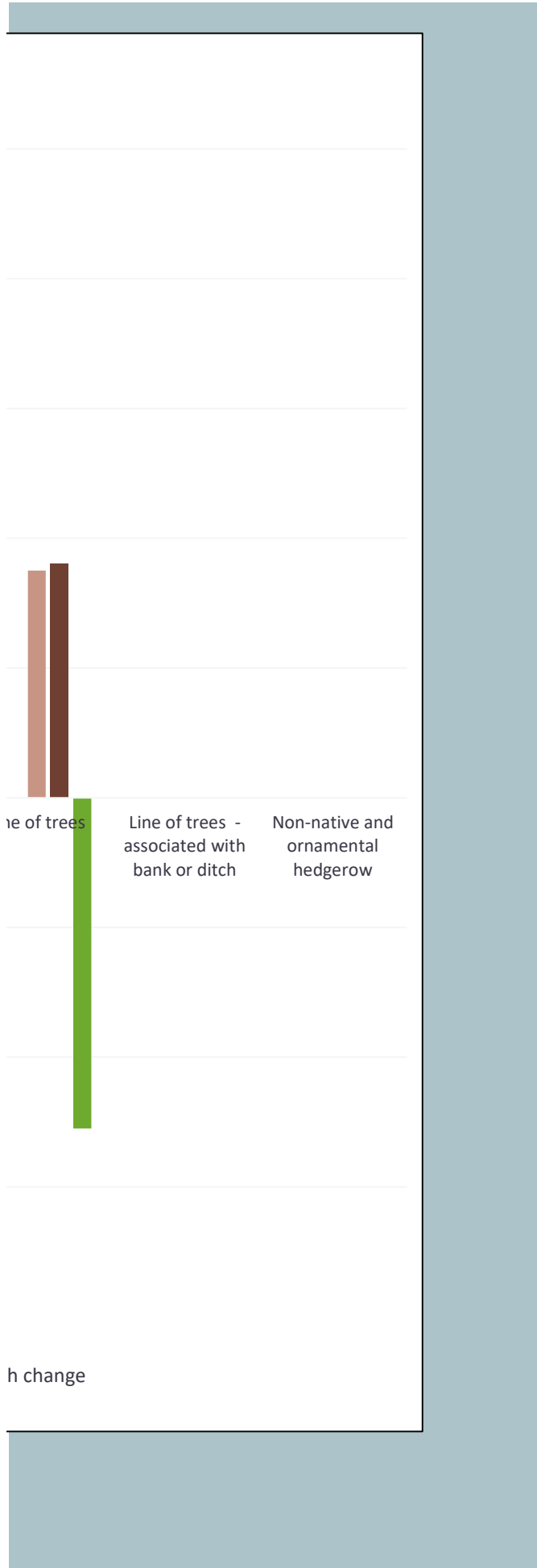
ned area change

ention category
ts)

0.10

site baseline
enhancement

Total on-site and off-site baseline
units lost

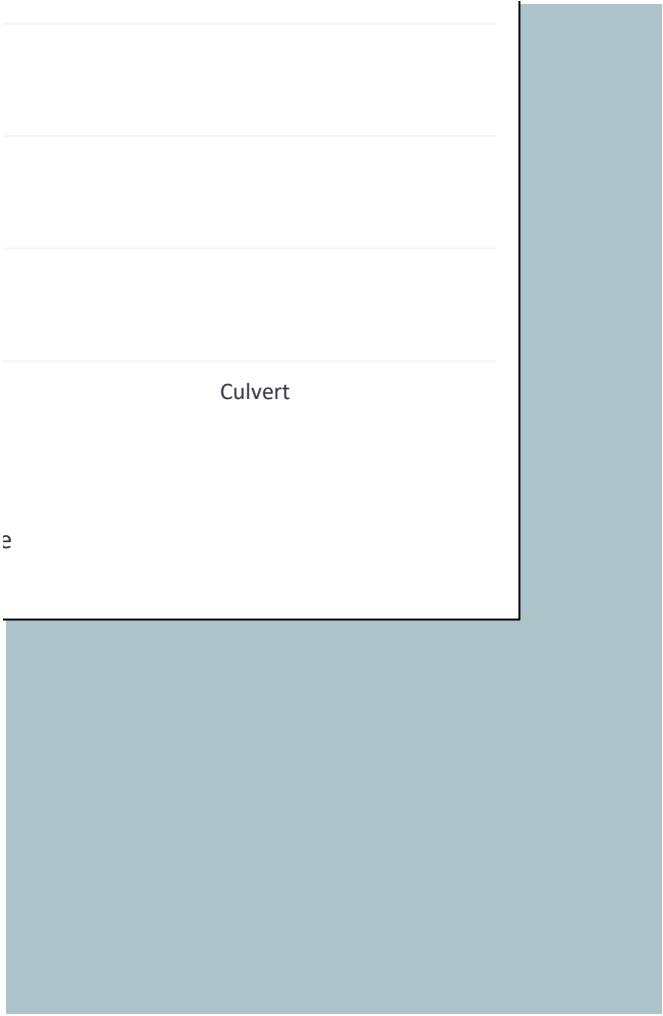


category
ty units)

0.00

off-site
posed for
nt

Total on-site and off-site
baseline units lost



12

Summary of sites providing area hab

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

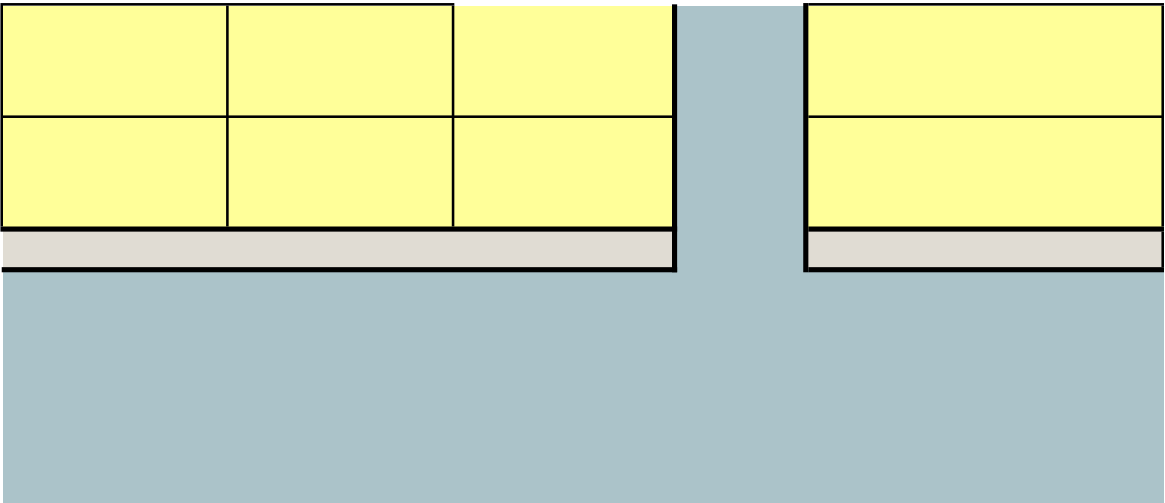
[illegible]

[illegible]

[illegible]

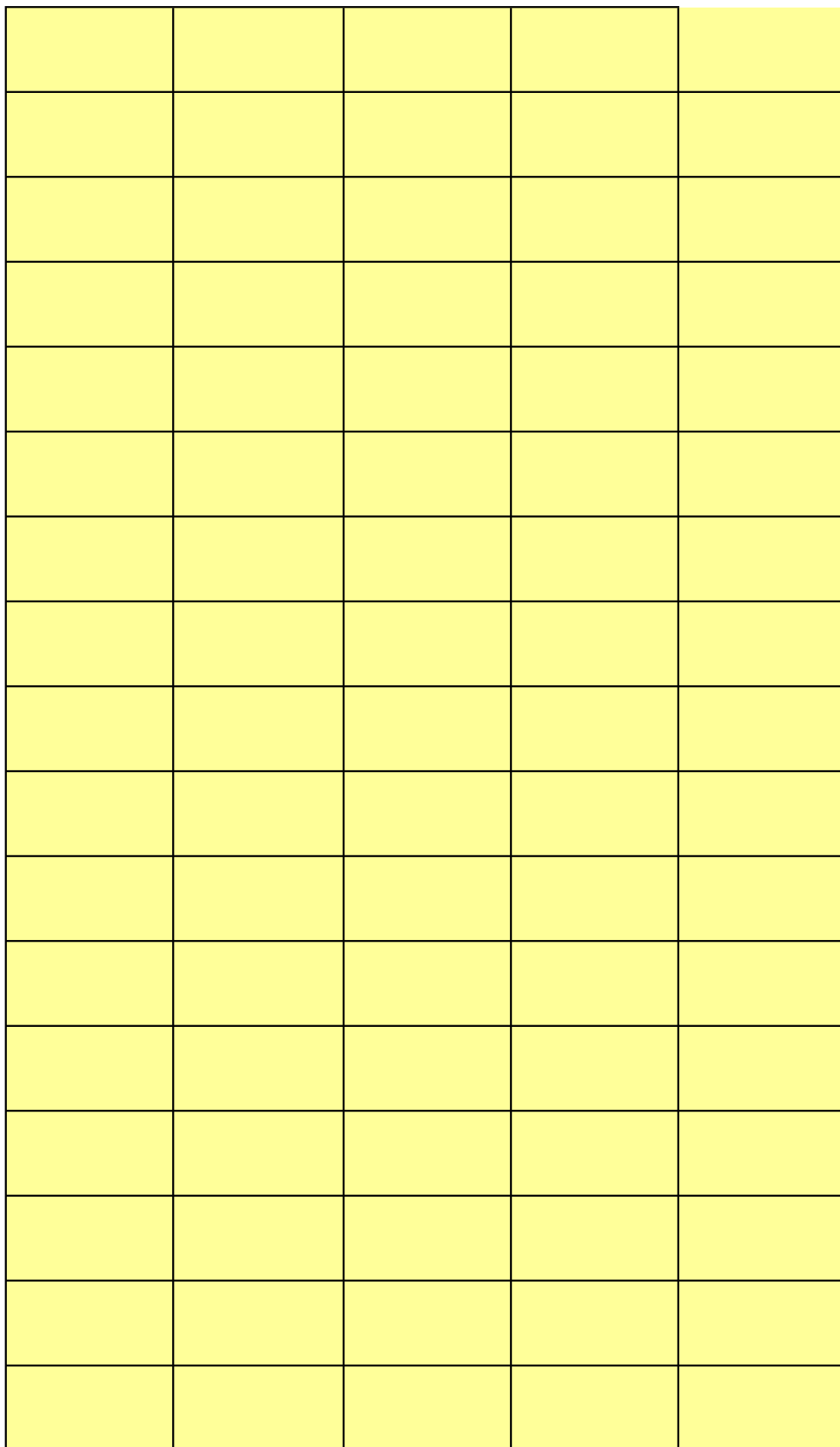
[illegible]

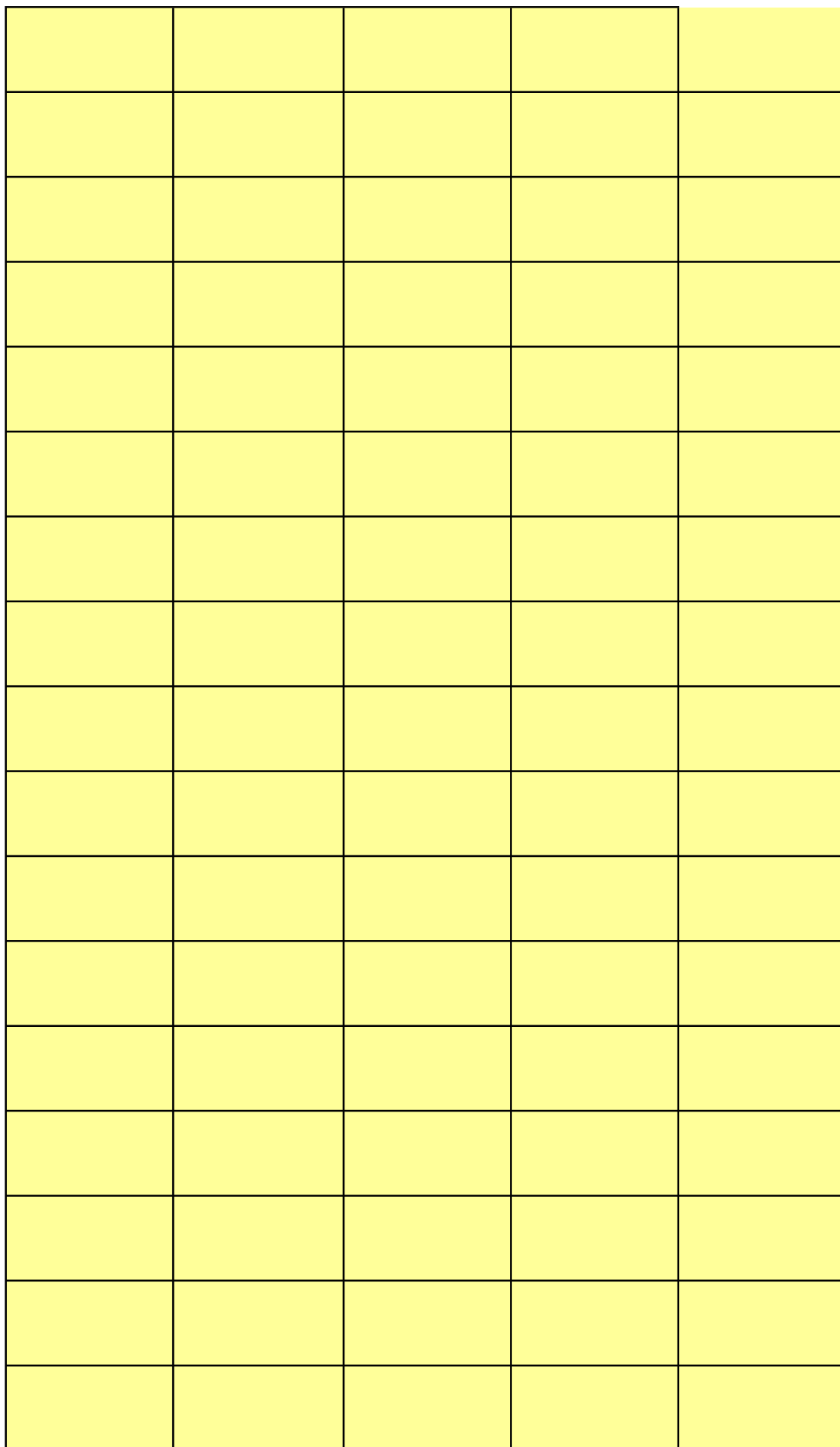
[illegible]

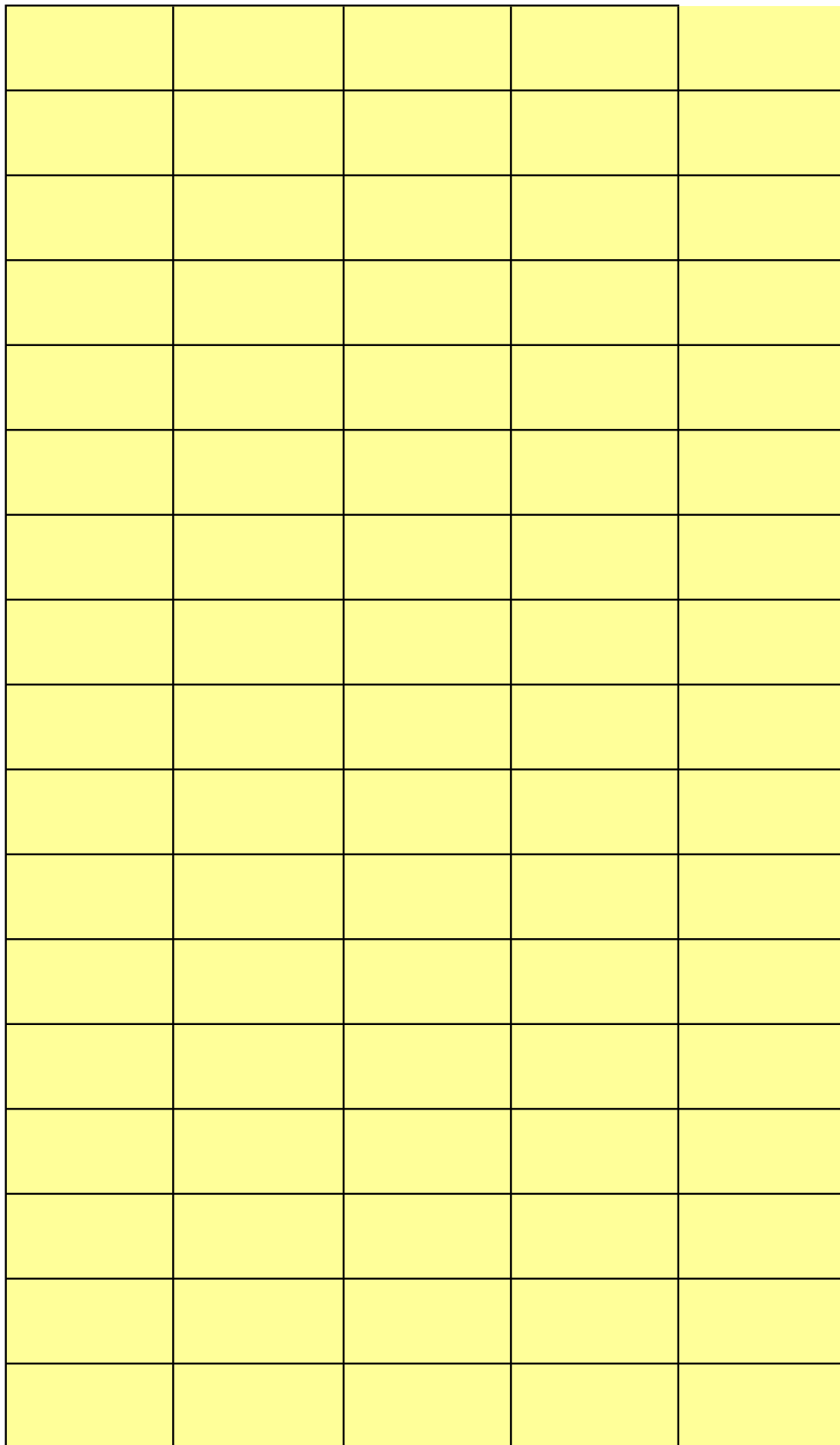


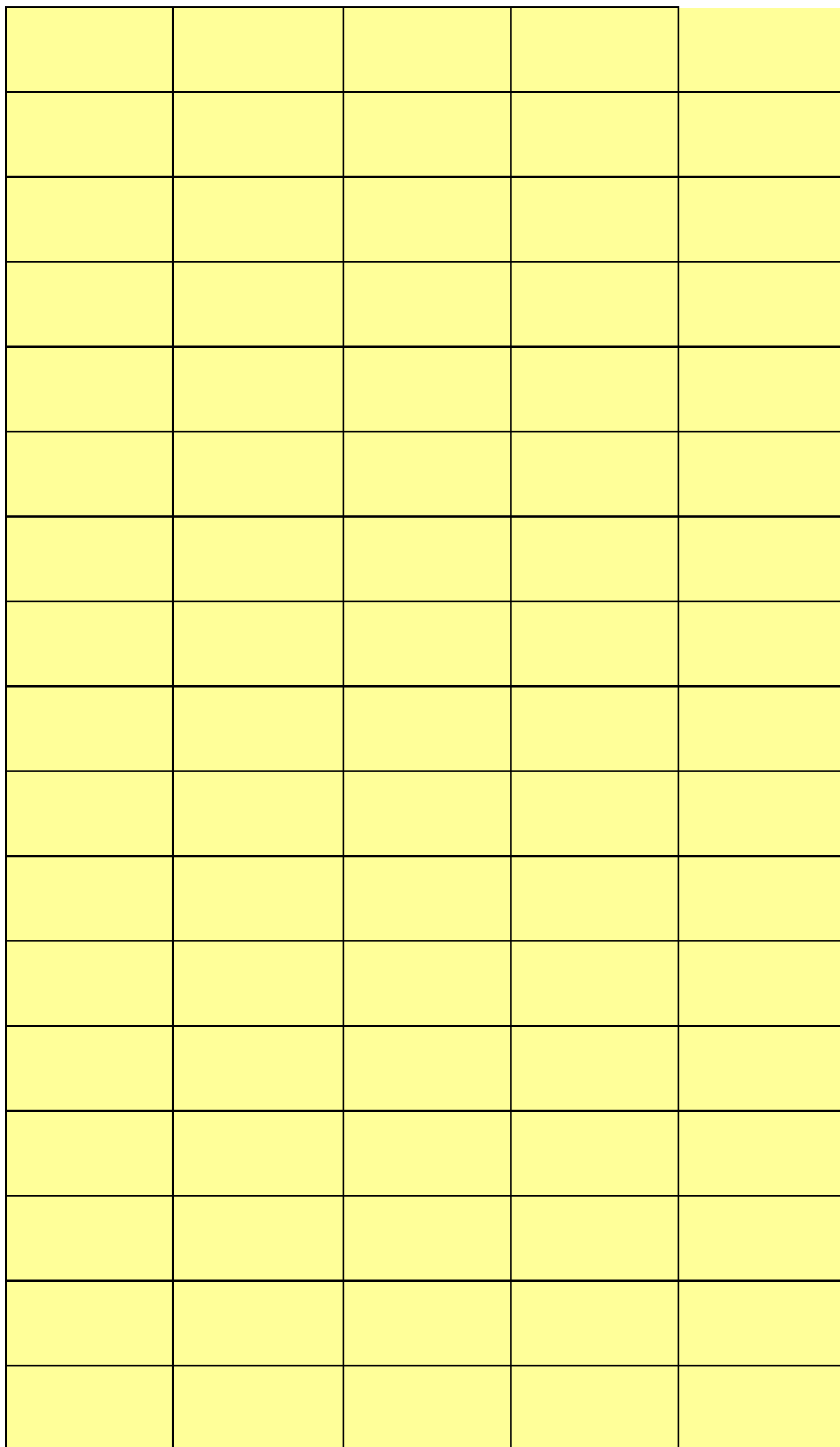
Summary of sites providing hedgerow unit gains

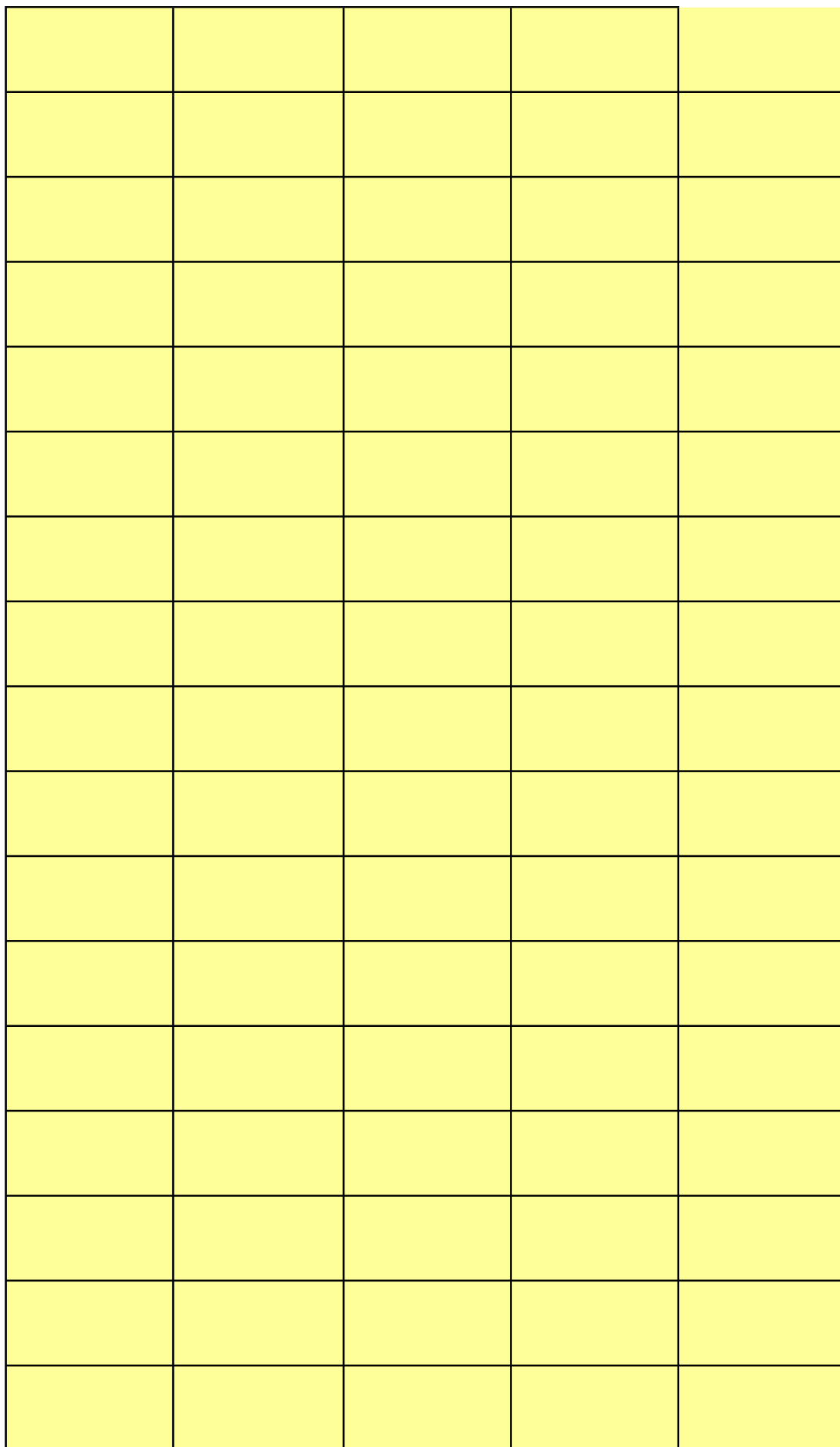
[illegible]











[illegible]

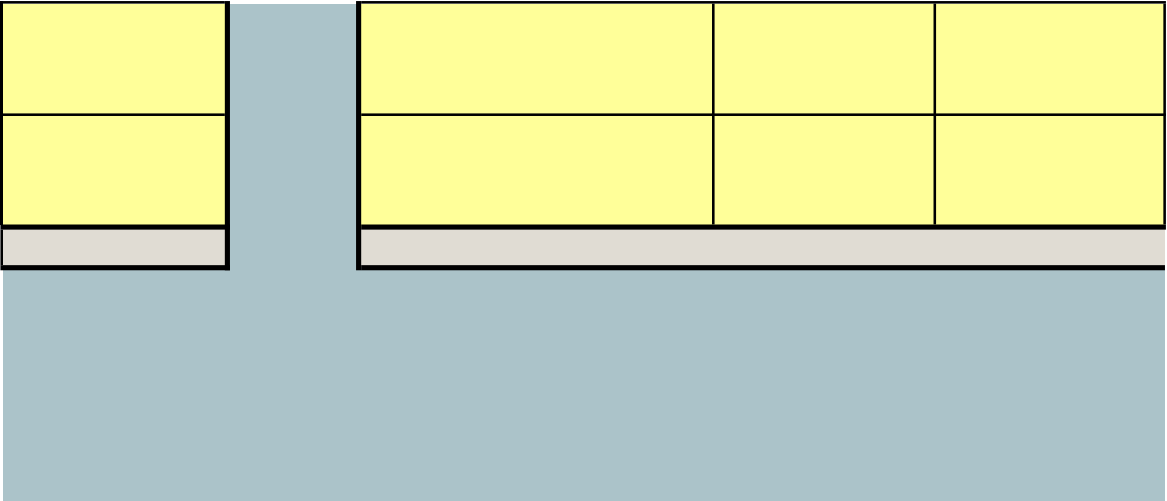
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



adding watercourse unit gains

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

