

The Biodiversity Metric Start

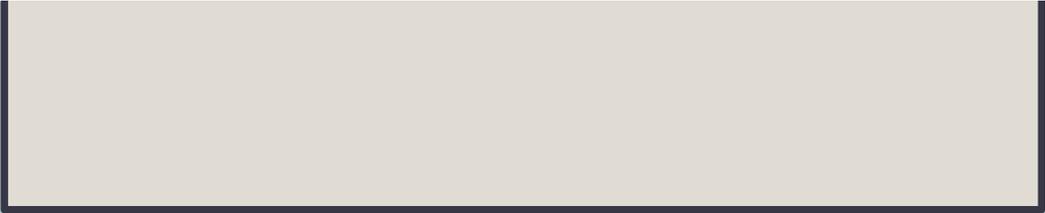
Project details

Planning authority:	
Project name:	Land off Prim
Applicant:	Jones E
Application type:	
Planning application reference:	
Assessor:	Caro
Reviewer:	Char
Metric version:	
Assessment date:	
Planning authority reviewer:	

Cell style conventions

On-site baseline map

Insert



Off-site baseline map

Insert

ic 3.0 - Calculation Tool

t page

Kirklees Council
rose Lane, Hightown, Liversedge
omes (Yorkshire) Limited
oline Hillier - AES-LTD
lotte Mercer - AES-LTD
3
26/01/2024 (V.8)

Enter data
Automatic lookup
Result

Instructions

Main menu

Results

View all

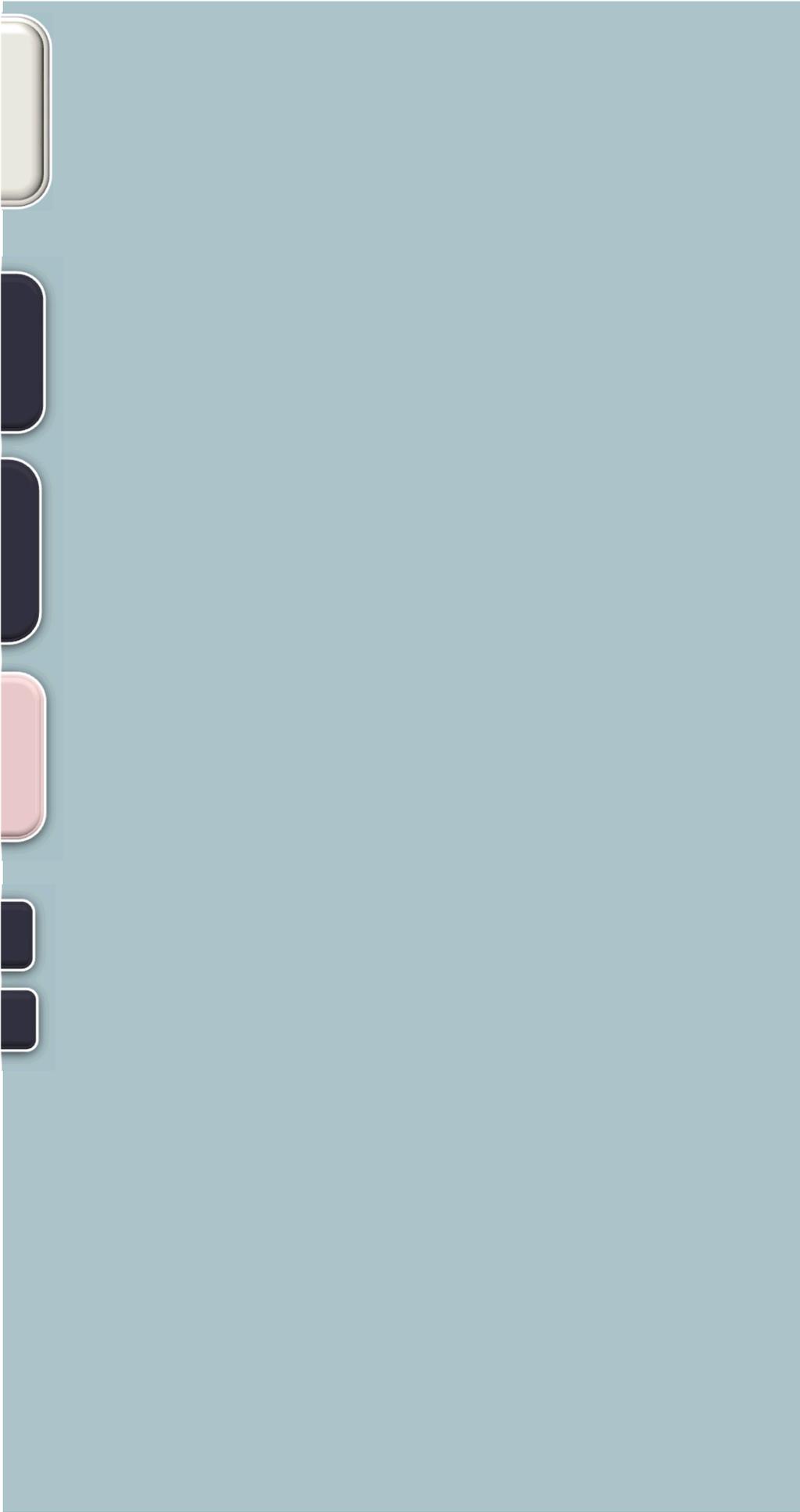
Reset view

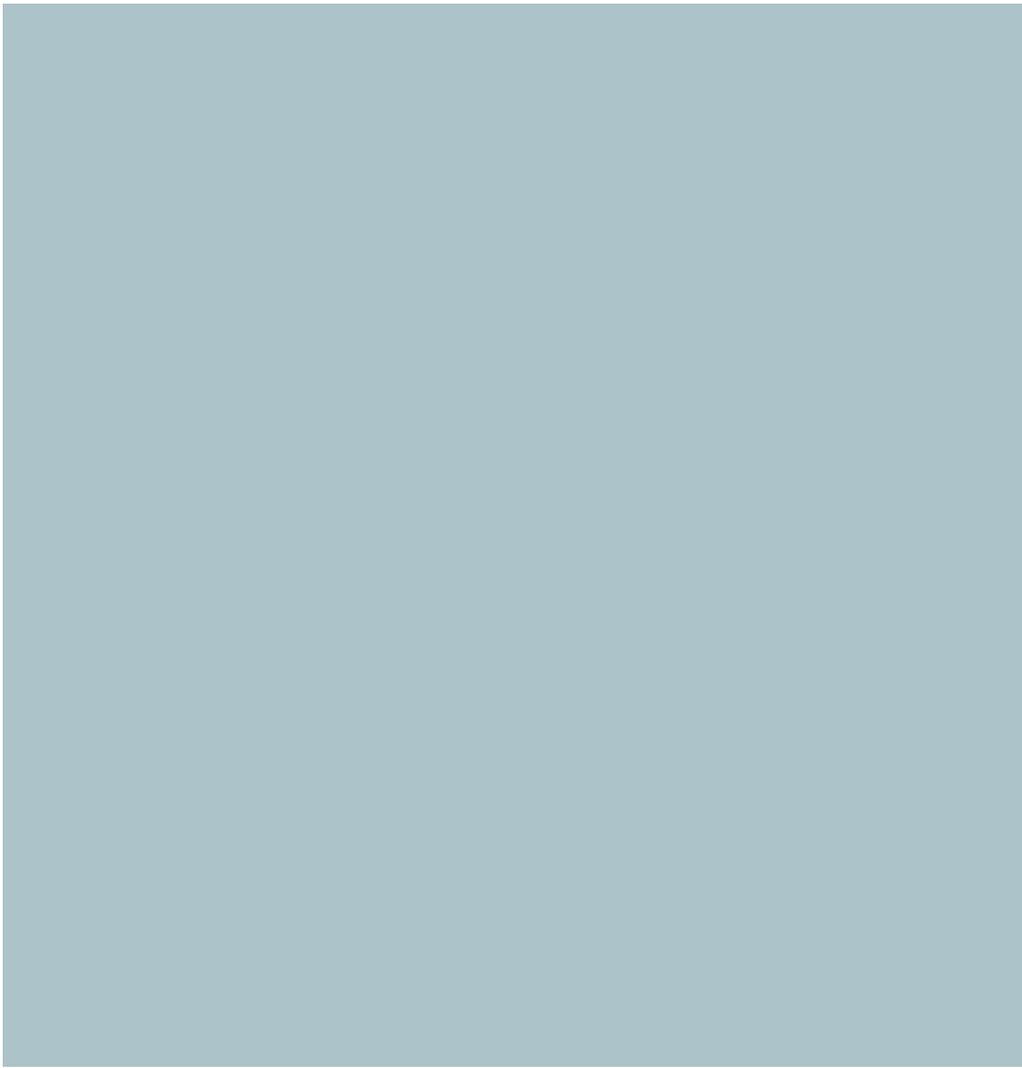
On-site post intervention map

Insert

Off-site post intervention map

Insert





The Biodiversity Metric Main

Start page

Instructions

Start here

1



2

On-site baseline

A-1 On-site
habitat
baseline

B-1
On-site hedge
baseline

C-1
On-site river
baseline

On-site post development

A-2 Habitat
creation

B-2 Hedgerow
creation

C-2 River creation

A-3 Habitat
enhancement

B-3 Hedgerow
enhancement

C-3 River
enhancement

Version 3.0 - Calculation Tool

main menu

Unit
Tree size
Small
Medium
Large
Total

Technical data

Results

3

Off-site baseline

D-1
Off-site
habitat baseline

E-1
Off-site hedge
baseline

F-1
Off-site river
baseline

Off-site

D-2 Off-site habi
creation

E-2 Off-site hed
creation

F-2 Off-site river
creation

Urban tree helper

Tree number	Area
23	0.0104
27	0.1099
	0.0000
50.00	0.1203

4

Post development

Habitat

D-3 Off-site habitat enhancement

Hedge

E-3 Off-site hedge enhancement

River

F-3 Off-site river enhancement

The Biodiversity Metric 3.0 - Calculators

Start page

[Return to start page](#)

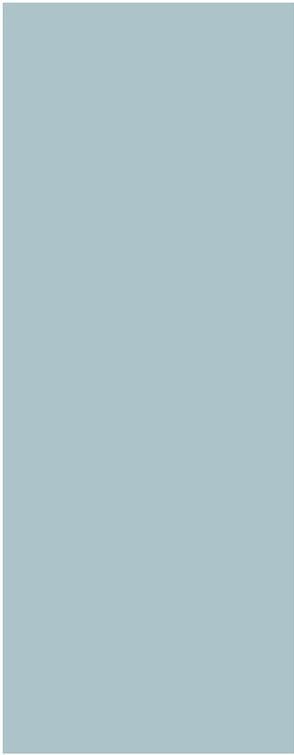
[Headline results](#)

[Detailed results](#)

ulation Tool

ults

Habitat trading
summary



Land off Primrose Lane, Hightown, Liversedge

Headline Results

[Return to results menu](#)

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

<p style="text-align: center;">Total net unit change</p> <p style="text-align: center;">(including all on-site & off-site habitat retention, creation & enhancement)</p>	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
<p style="text-align: center;">Total on-site net % change plus off-site surplus</p> <p style="text-align: center;">(including all on-site & off-site habitat retention, creation & enhancement)</p>	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Trading rules Satisfied?	No - Check Tr

8.09
0.41
0.00

8.27
1.00
0.00

2.25%
143.91%
0.00%

0.00
0.00
0.00

0.00
0.00
0.00

0.18

0.59

0.00

2.25%

143.91%

0.00%

ading Summary





Land off Primrose Lane, Hightown, Livers

Detailed Results

Summary Figures

Net project biodiversity
(including all on-site & off-site habitat re

Total project biodiversity
(including all On-site & Off-site Habitat Creation

Combined

Total area / length

Total units

Area / length retained

Units Retained

Area / length proposed for enhancement

Baseline units proposed for enhancement

Area / length lost

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



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



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
Hedgerows and Lines of Trees	Hedgerows and lines of trees
	On site c
	Hedgerow type
	Native Species Rich Hedgerow with trees - Associated with bank or ditch
	Native Species Rich Hedgerow with trees
	Native Species Rich Hedgerow - Associated with bank or ditch
	Native Hedgerow with trees - Associated with bank or ditch
	Native Species Rich Hedgerow
	Native Hedgerow - Associated with bank or ditch
	Native Hedgerow with trees
	Line of Trees (Ecologically Valuable)
	Line of Trees (Ecologically Valuable) - with Bank or Ditch
	Native Hedgerow
Line of Trees	
Line of Trees - Associated with bank or ditch	
Hedge Ornamental Non Native	

Off site

Hedgerow type

Native Species Rich Hedgerow with trees - Associated with bank or ditch

Native Species Rich Hedgerow with trees

Native Species Rich Hedgerow - Associated with bank or ditch

Native Hedgerow with trees - Associated with bank or ditch

Native Species Rich Hedgerow

Native Hedgerow - Associated with bank or ditch

Native Hedgerow with trees

Line of Trees (Ecologically Valuable)

Line of Trees (Ecologically Valuable) - with Bank or Ditch

Native Hedgerow

Line of Trees

Line of Trees - Associated with bank or ditch

Hedge Ornamental Non Native

Combined on and

Hedgerow type

Native Species Rich Hedgerow with trees - Associated with bank or ditch

Native Species Rich Hedgerow with trees

Native Species Rich Hedgerow - Associated with bank or ditch

Native Hedgerow with trees - Associated with bank or ditch

Native Species Rich Hedgerow

Native Hedgerow - Associated with bank or ditch

Native Hedgerow with trees

Line of Trees (Ecologically Valuable)

Line of Trees (Ecologically Valuable) - with Bank or Ditch

Native Hedgerow

Line of Trees

Line of Trees - Associated with bank or ditch

Hedge Ornamental Non Native

Rivers and Streams

On site

River type

Priority Habitat

Other Rivers and Streams

Ditches

Canals

Culvert

Rivers and Streams

Off site

River type

Priority Habitat

Other Rivers and Streams

Ditches

Canals

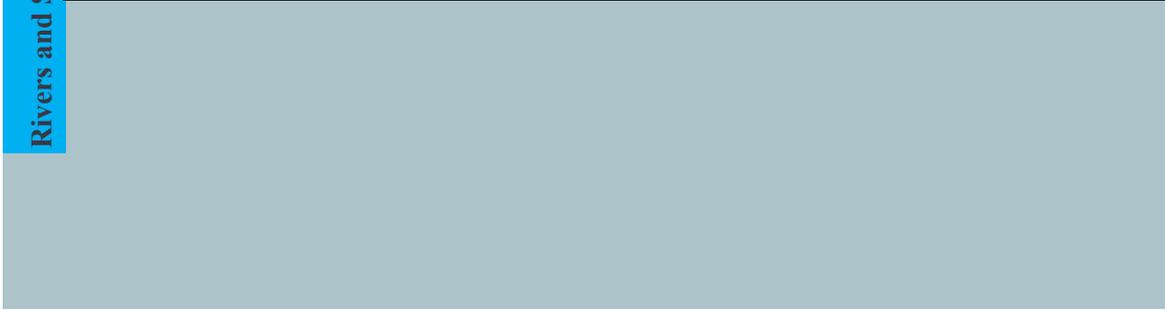
Culvert

Rivers and Streams

Combined on site

Rivers and Streams

River type
Priority Habitat
Other Rivers and Streams
Ditches
Canals
Culvert



edge

Return to results menu

ty units

(retention/creation)

Habitat units

Hedgerow units

River units

% change

(+ Retained Habitats)

Habitat units

Hedgerow units

River units

habitat retention and enhancement

	Habitats	Hedgerows
	3.09	0.09
	8.09	0.41
	0.01	0.09
	0.10	0.40
	0.59	0.00
	2.70	0.00
	2.50	0.00
	5.29	0.01

change by broad habitat type

Baseline		Post development on site		Onsite
Existing area	Existing value	Proposed area	Proposed value	Area change
0.00	0.00	0.00	0.00	0.00
2.40	4.79	0.03	0.13	-2.37
0.04	0.18	0.01	0.08	-0.03
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.02	0.13	2.59	1.45	2.58
0.00	0.00	0.00	0.00	0.00
0.65	2.99	0.59	6.47	-0.06
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00

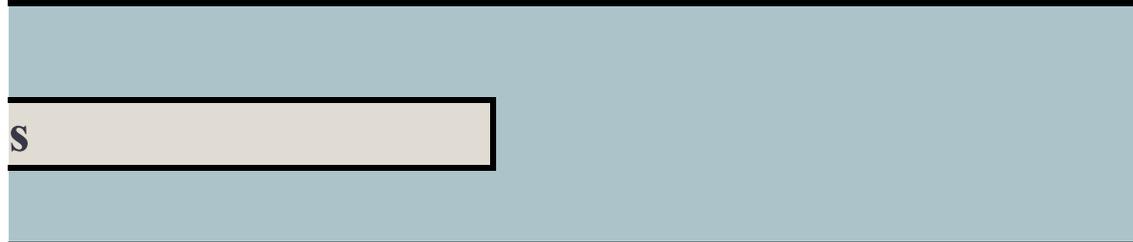
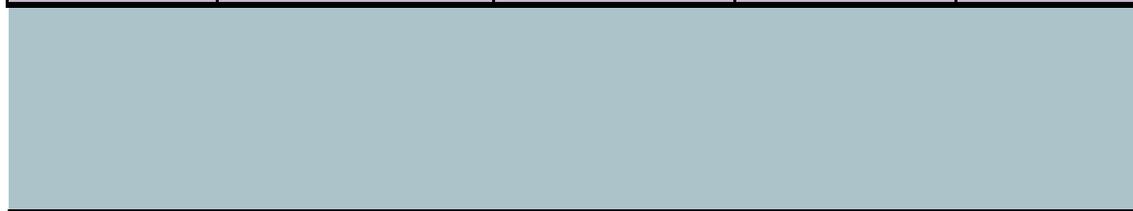
Change by broad habitat type

Baseline		Post development Off-site		Off-site
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

Combined off site change by broad habitat type

Baseline	On-site and Off-site post development	Combined
----------	---------------------------------------	----------

Existing area	Existing value	Combined proposed area	Combined proposed value	Proposed area
0.00	0.00	0.00	0.00	0.00
2.40	4.79	0.03	0.13	-2.37
0.04	0.18	0.01	0.08	-0.03
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.02	0.13	2.59	1.45	2.58
0.00	0.00	0.00	0.00	0.00
0.65	2.99	0.59	6.47	-0.06
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00



S

change by hedgerow type

Baseline		Post development on site		Onsite
Existing length on-site	Existing value	Proposed length on-site	Proposed value on-site	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	0.07	0.60	0.07
0.00	0.00	0.00	0.00	0.00
0.09	0.41	0.09	0.40	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00



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te change by river type

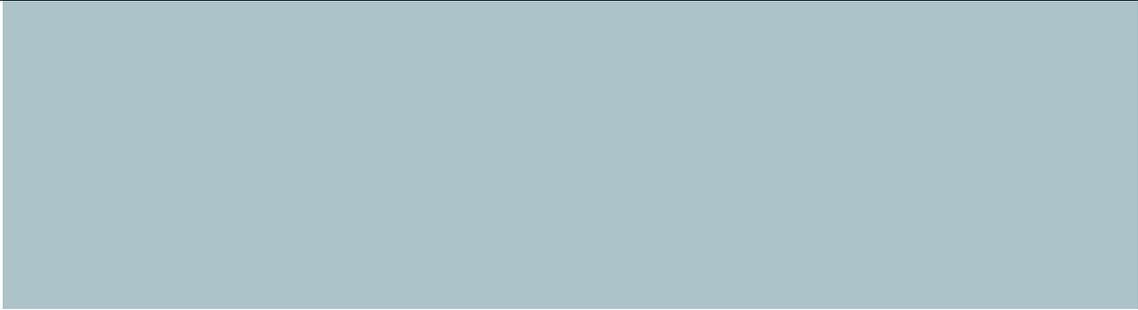
Baseline		Post development on site		Onsite
Existing length	Existing value	Proposed length	Proposed value	length change
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0

te change by river type

Baseline		Post development off-site		Off-site
Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	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

nd off site change by river type

Baseline		Post development on site		Onsite
Existing length	Existing value	Proposed length	Proposed value	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
0.59
0.00

2.25%
143.91%
0.00%

Rivers
0.00
0.00

0.00
0.00

0.00
0.00

0.00
0.00

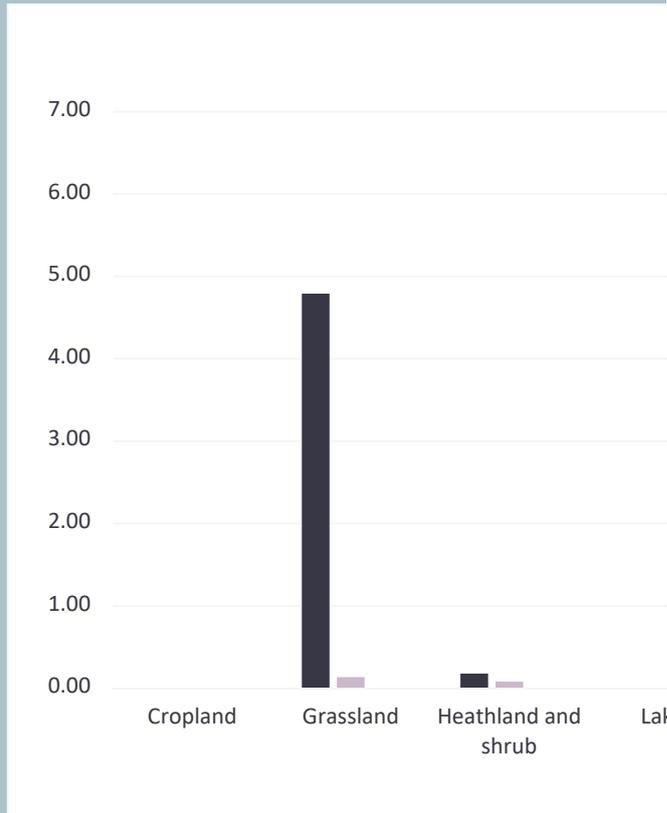
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Change
Onsite Unit change
0.00
-4.66
-0.09
0.00
0.00
1.32
0.00
3.48
0.00
0.00
0.00
0.00
0.00

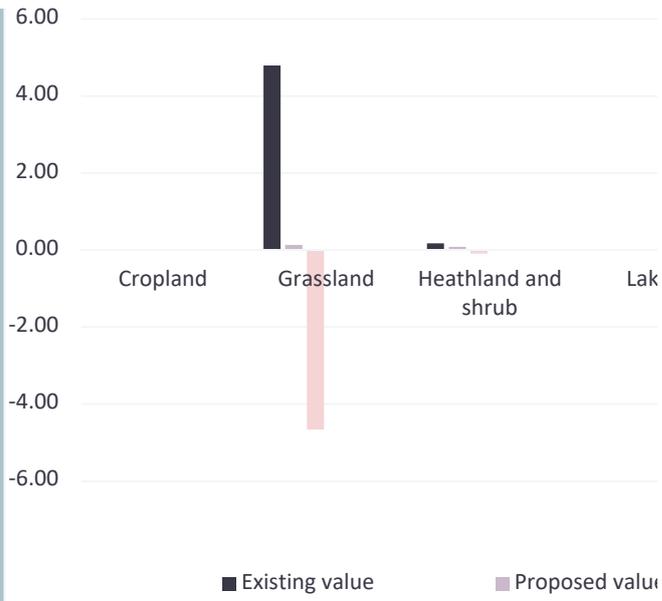
Combined area lost by distri	
Category	Area lost (hectares)
V.High	0
High	0
Medium	0.1078
Low	2.3954
V.Low	0

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



Combined change
0.00

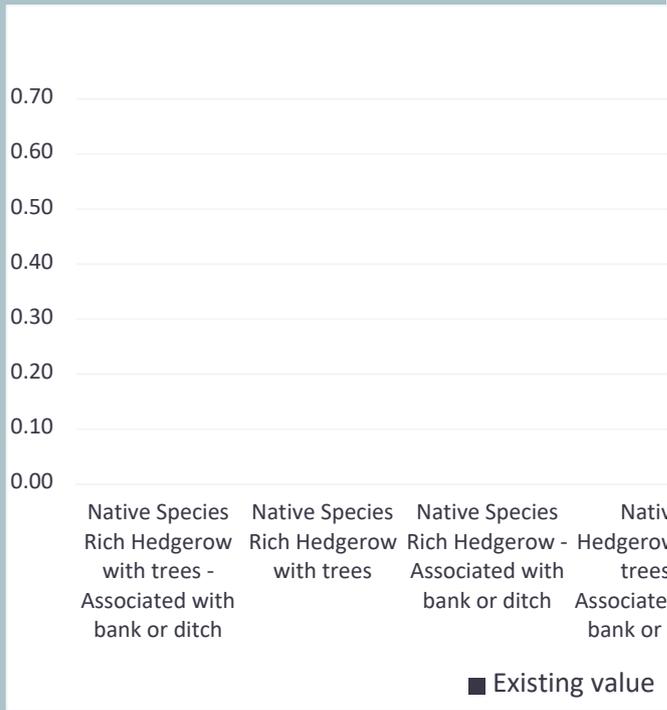
Proposed value
0.00
-4.66
-0.09
0.00
0.00
1.32
0.00
3.48
0.00
0.00
0.00
0.00
0.00
0.00



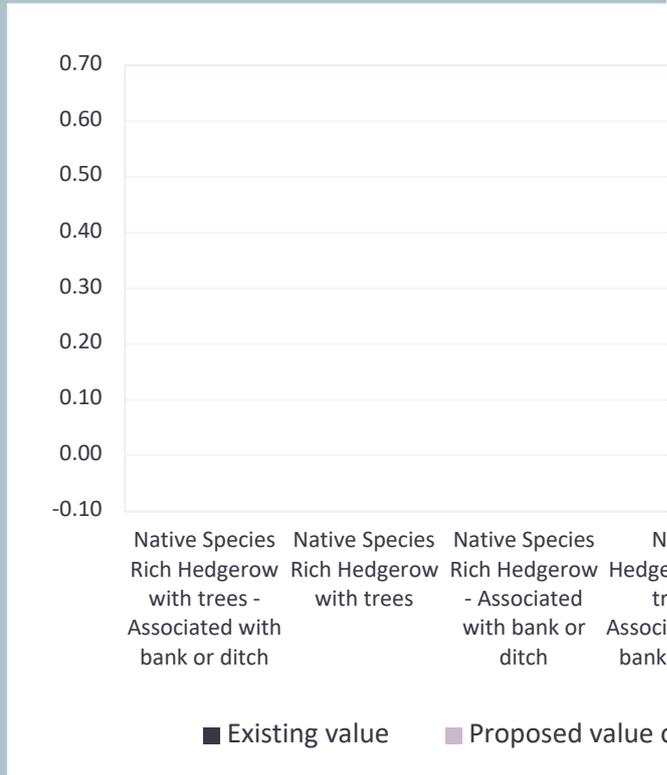
Change
On-site Unit change
0.00
0.00
0.00
0.00
0.60
0.00
-0.01
0.00
0.00
0.00
0.00
0.00
0.00
0.00

Combined length lost by disti	
Category	Length lost (KM)
V.High	0
High	0
Medium	0.003
Low	0
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
0.00
0.00
0.00
0.00
0.00



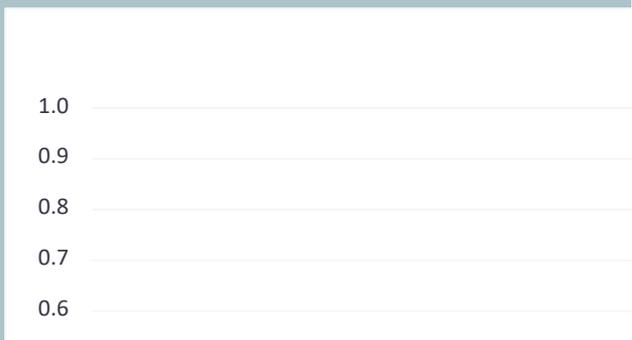
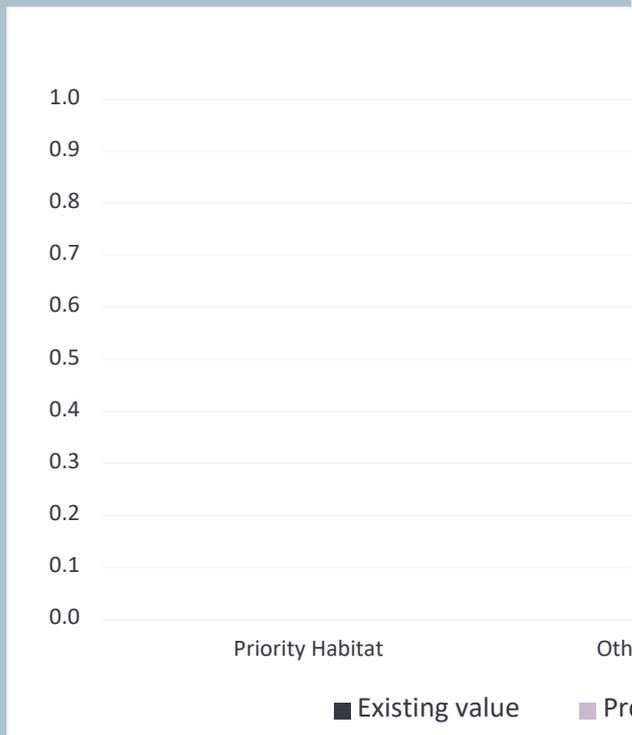
Change
Onsite Unit change
0.00
0.00
0.00
0.00
0.60
0.00
-0.01
0.00
0.00
0.00
0.00
0.00
0.00
0.00



Change
Onsite Unit change
0.0
0.0
0.0
0.0
0.0

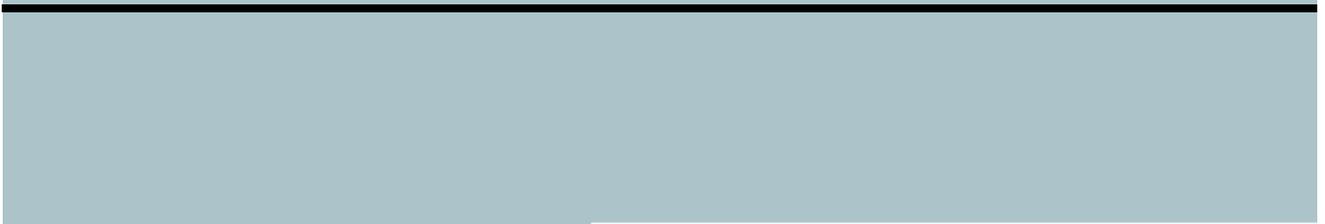
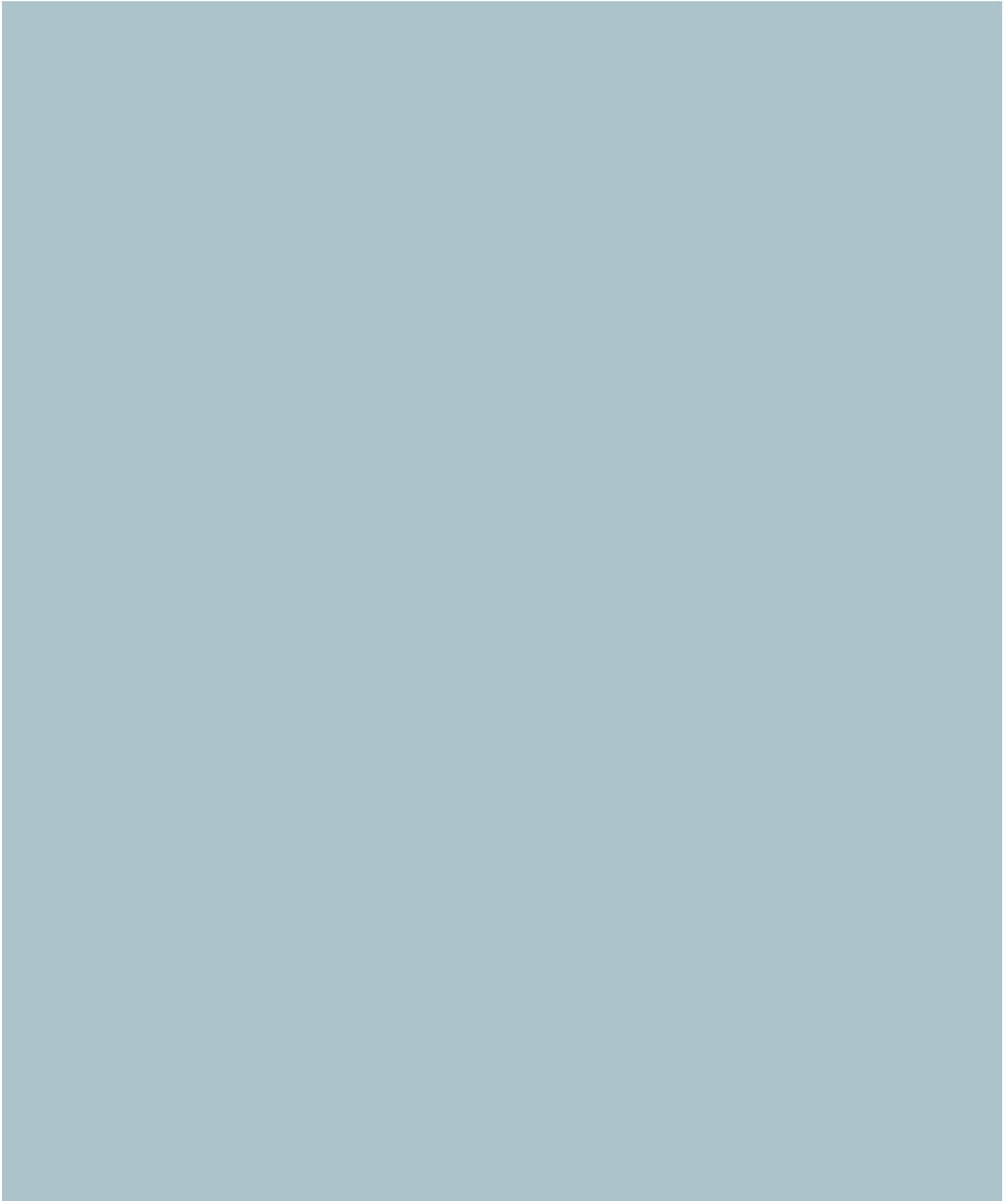
Combined length lost by disti	
Category	Length lost (KM)
V.High	0
High	0
Medium	0
Low	0

Change
Off-site unit change
0.0
0.0
0.0
0.0
0.0

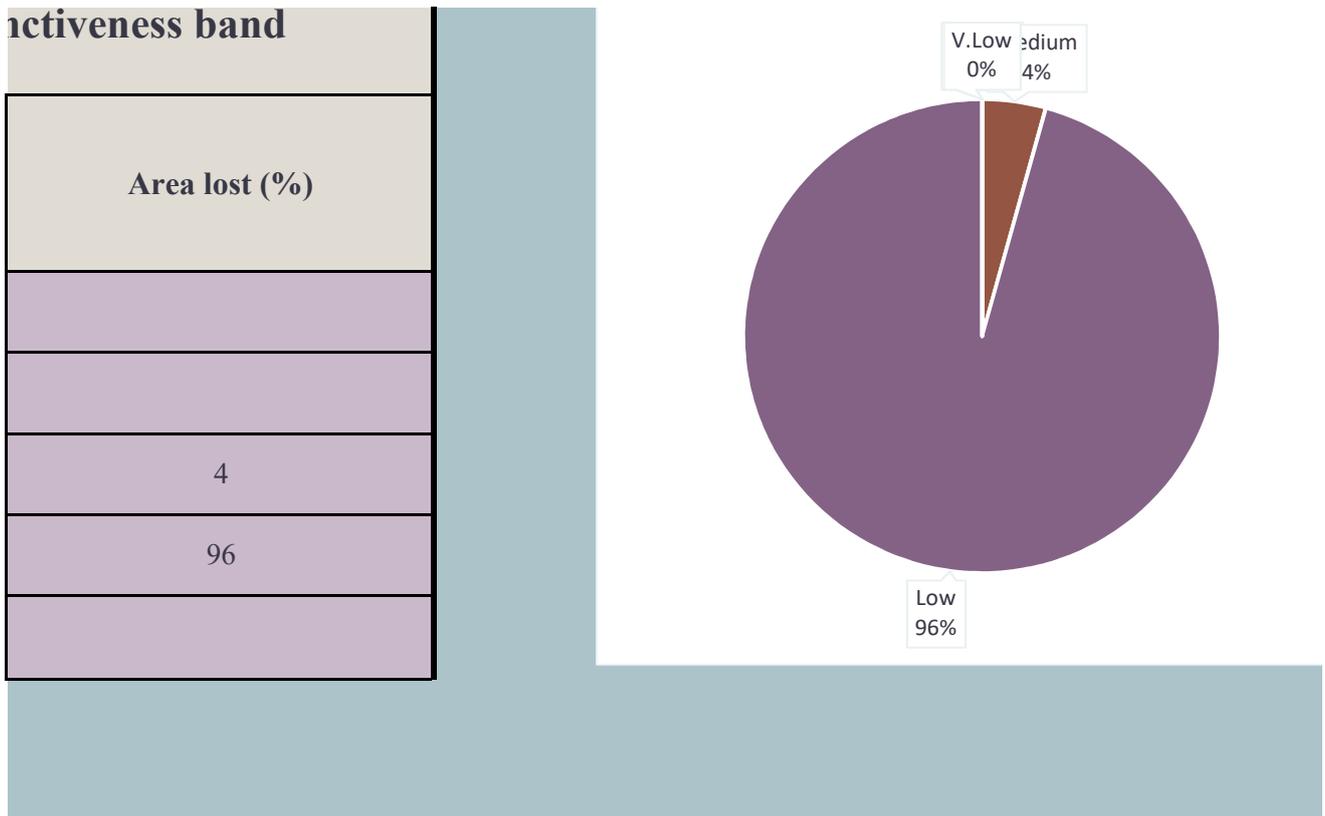


Change
Onsite Unit change
0.0
0.0
0.0
0.0
0.0

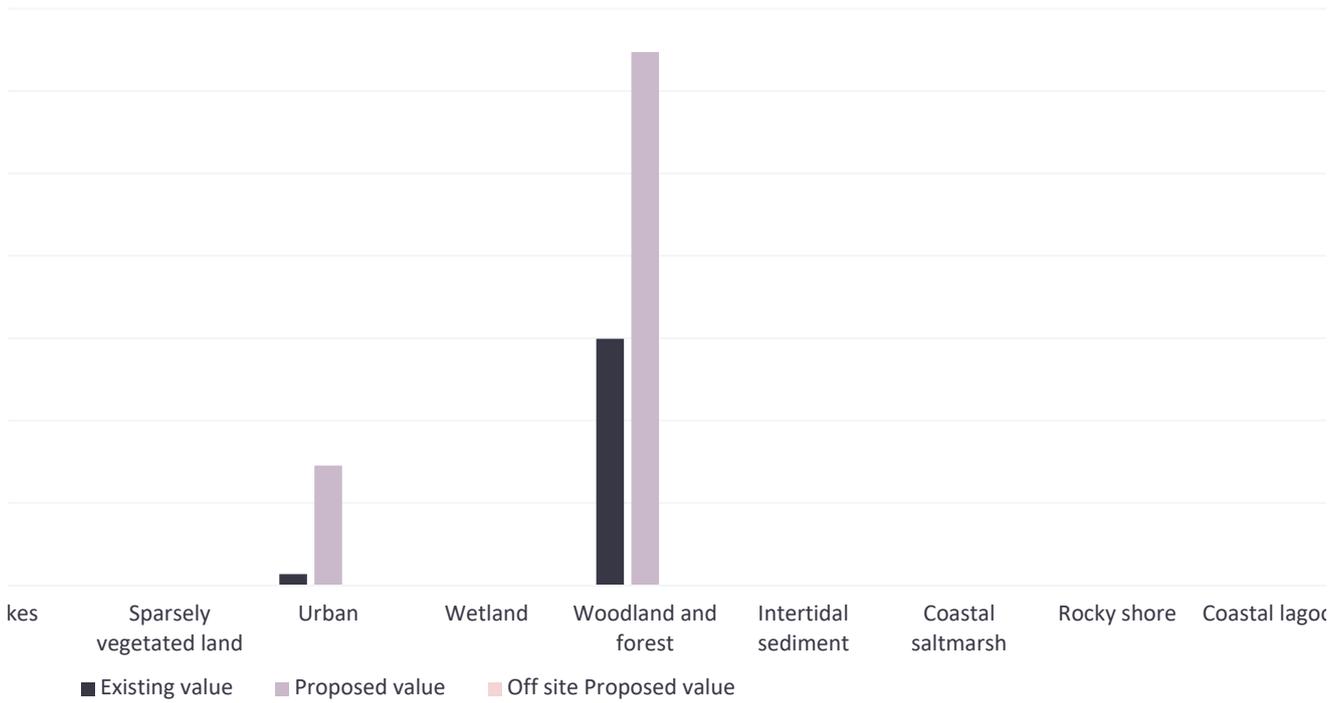




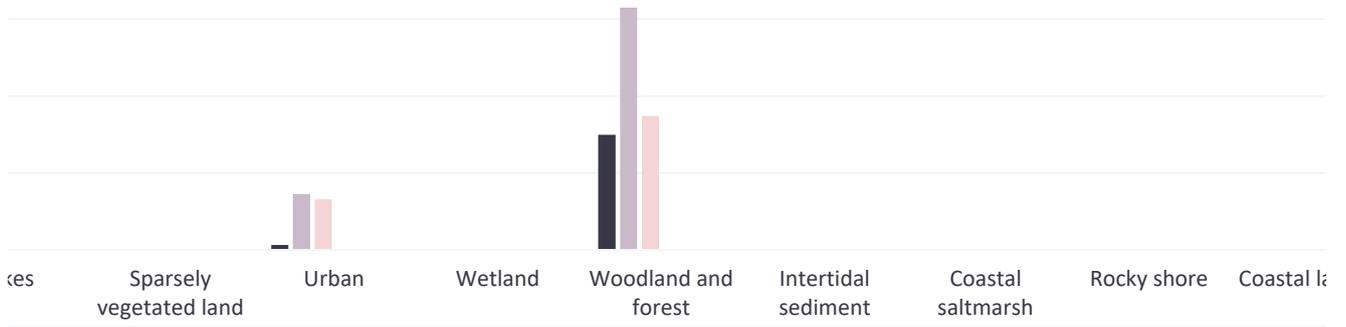
% Area lost by distinctiveness categ



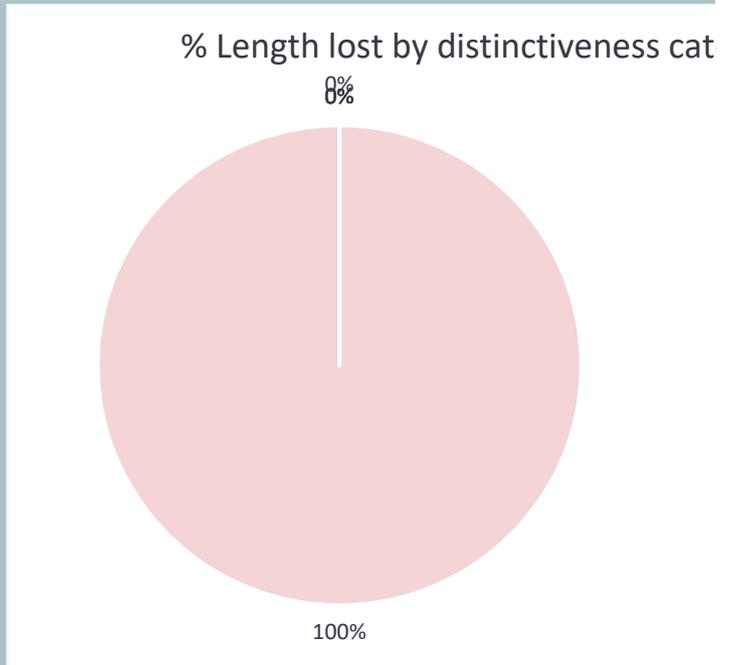
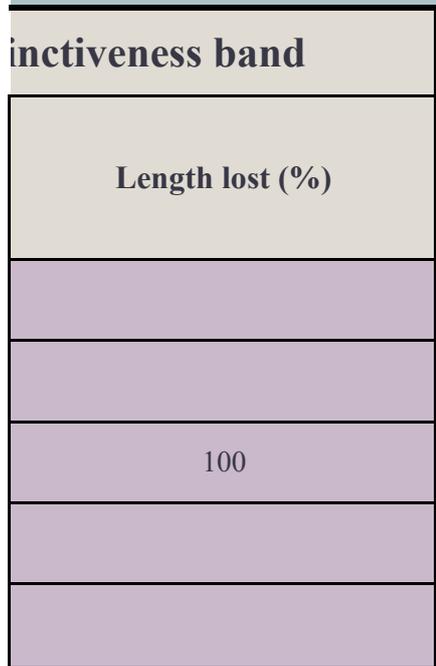
Unit change by habitat group



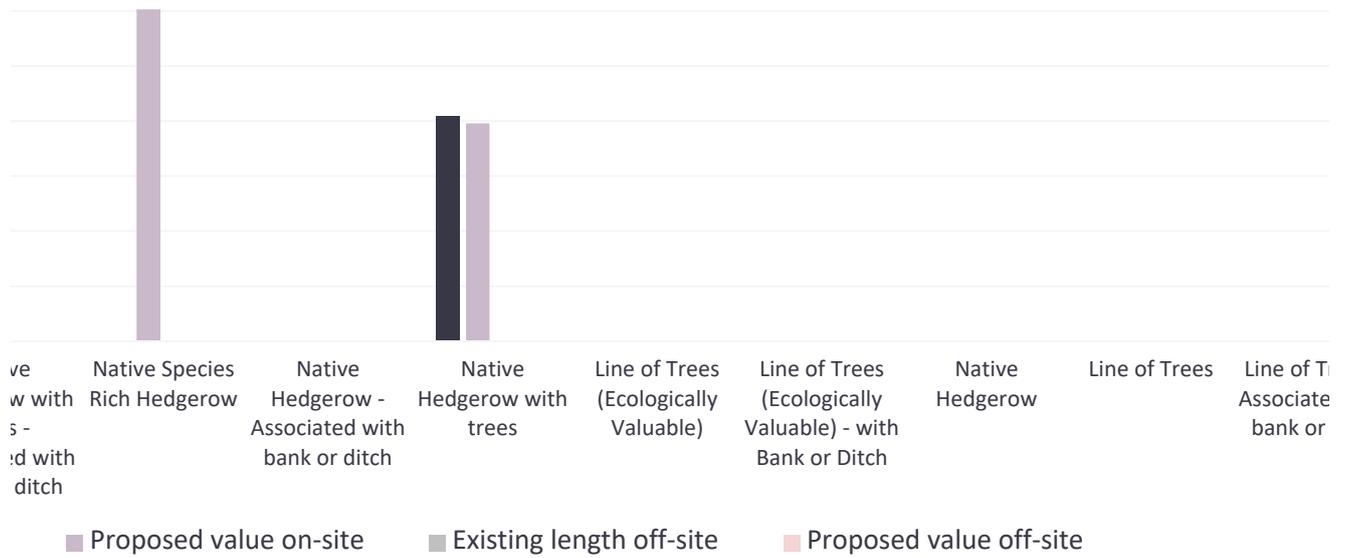
Combined Biodiversity Unit change



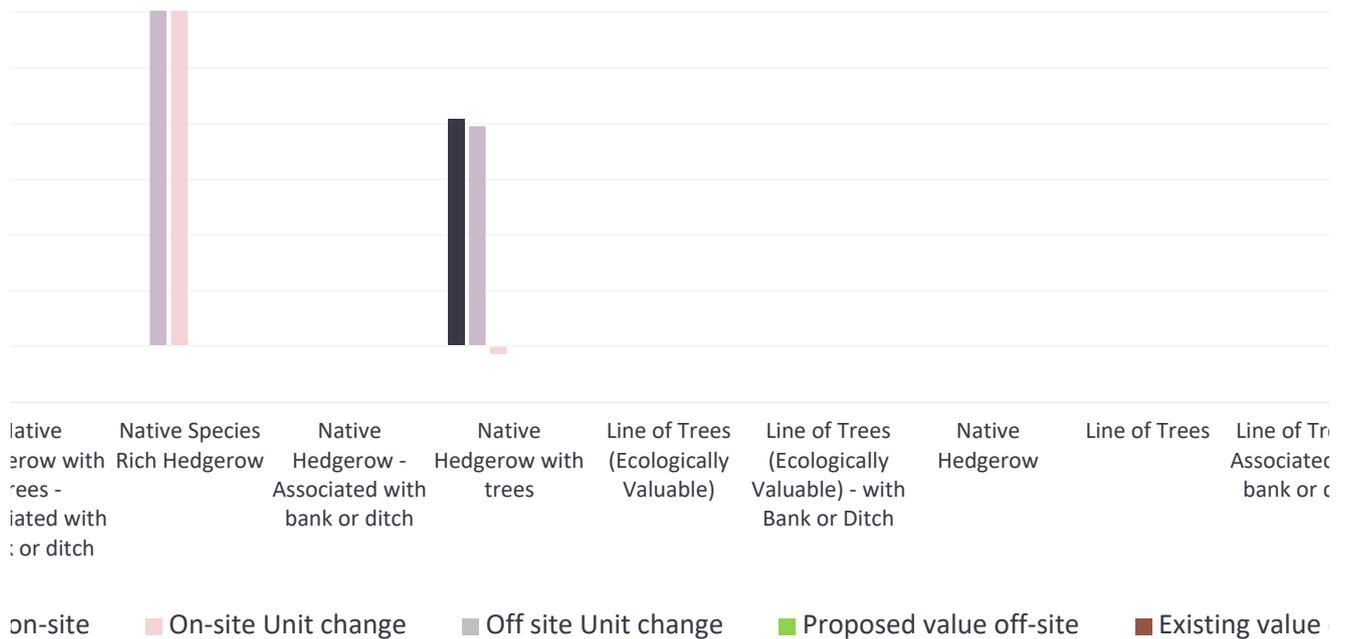
Legend: Onsite Unit change (pink), Off-site unit change (grey), Off site Proposed value (green), Off-site Existir (brown)



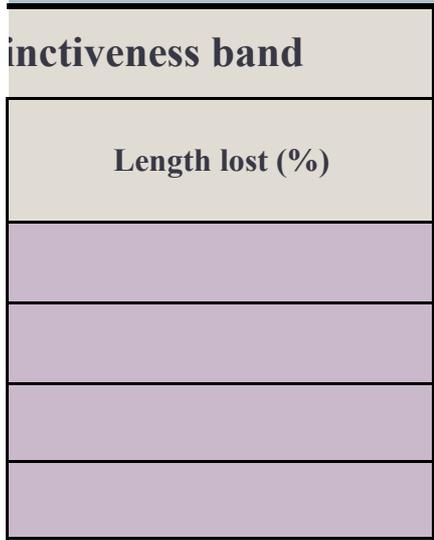
Change by hedgerow type (Hedgerow units)



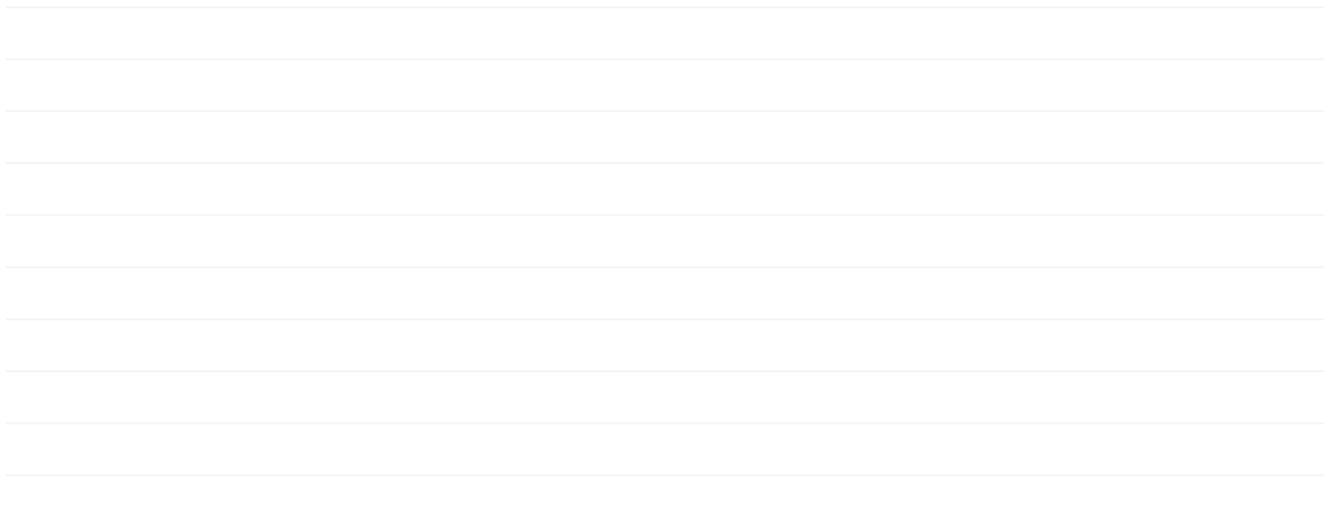
Combined Biodiversity unit change



% Length lost by d
distinctiveness category
0%



Unit change by river type



er Rivers and Streams Ditches Canals Cu
oposed value ■ Existing value off-site ■ Proposed value off-site

Combined Biodiversity Unit change



er Rivers and Streams

Ditches

Canals

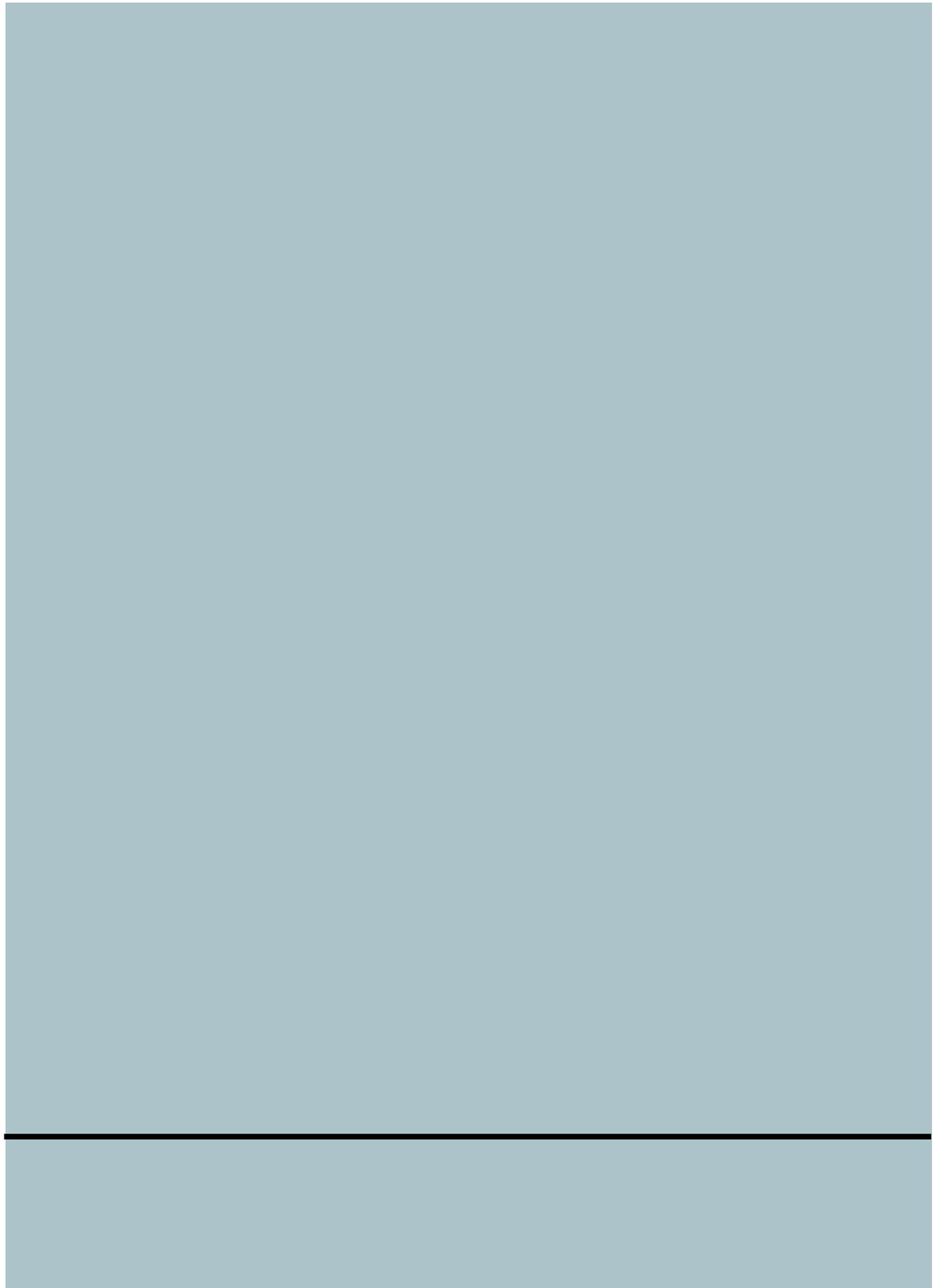
■ Onsite Unit change

■ Existing value off-site

■ Proposed value off-site

■ Off-site



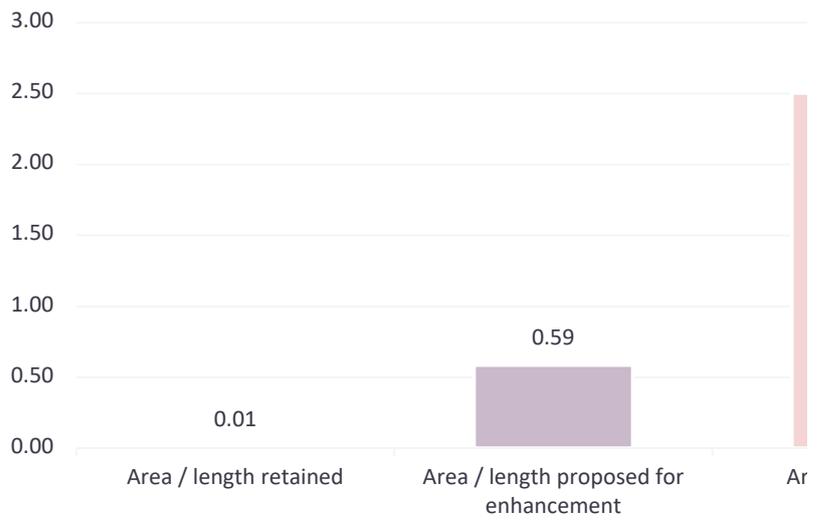


ory

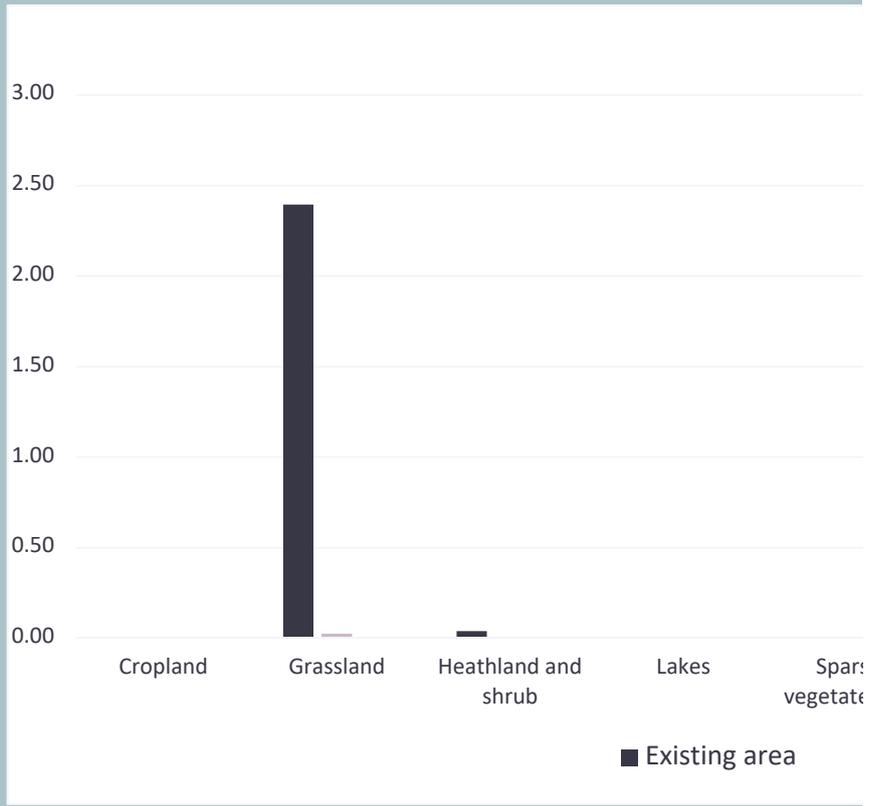
On-site and off-site habitat retention by cate

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

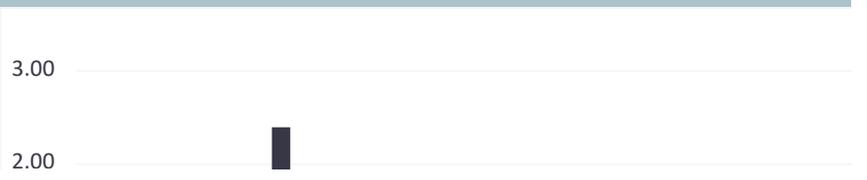
On site and off site habitat retention by catchment area (hectares)

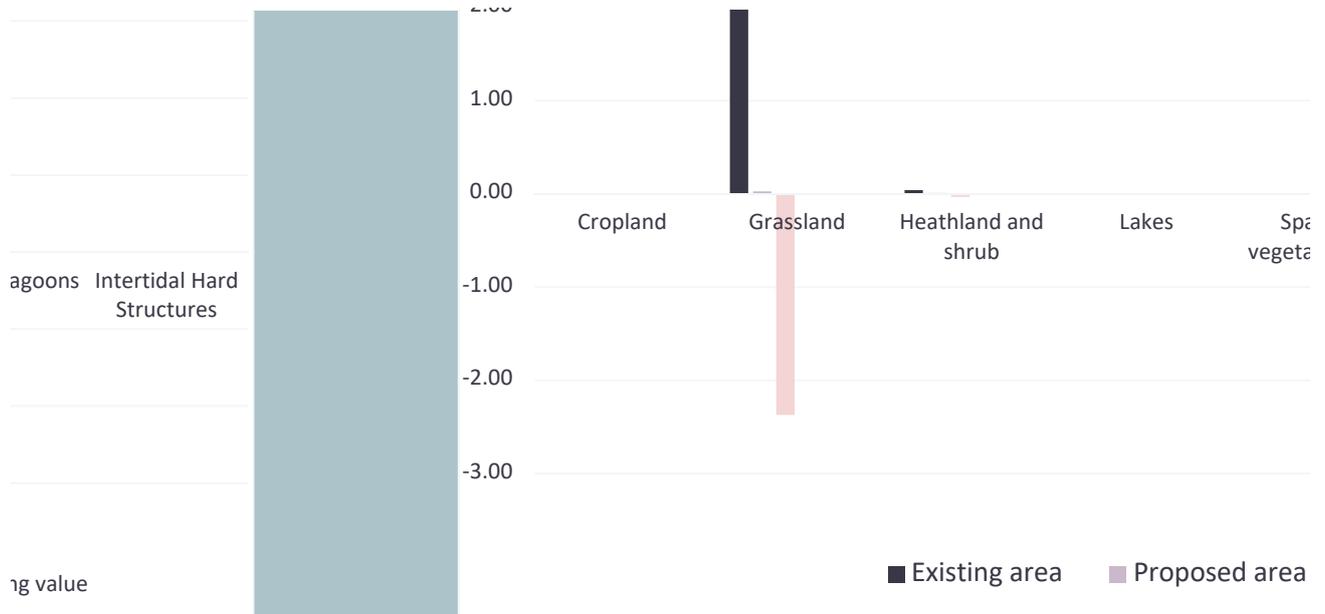


ons Intertidal Hard Structures

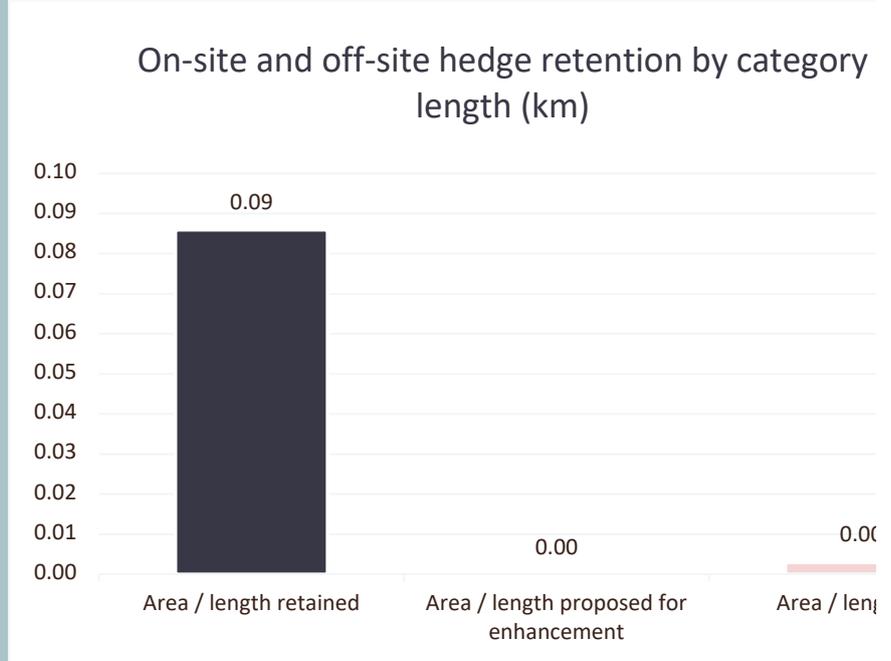


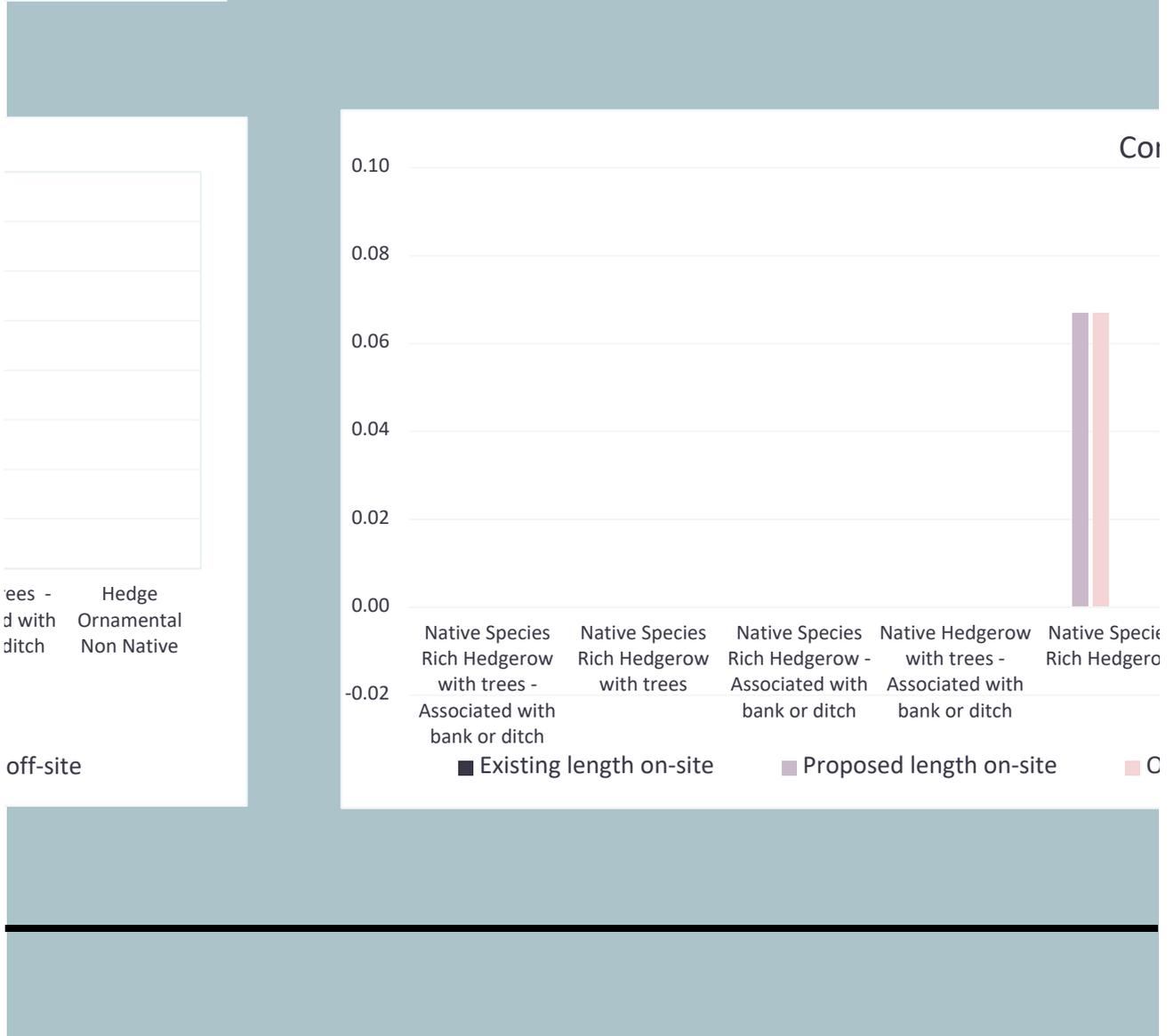
■ Existing area





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





River length retained, proposed for enhancement (length km)

■ V.High

■ High

■ Medium

■ Low

1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00

0.00

0.00

0.00

Area / length retained

Area / length proposed for enhancement

Area / length l

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

Priority Habitat

Other Rivers and Streams

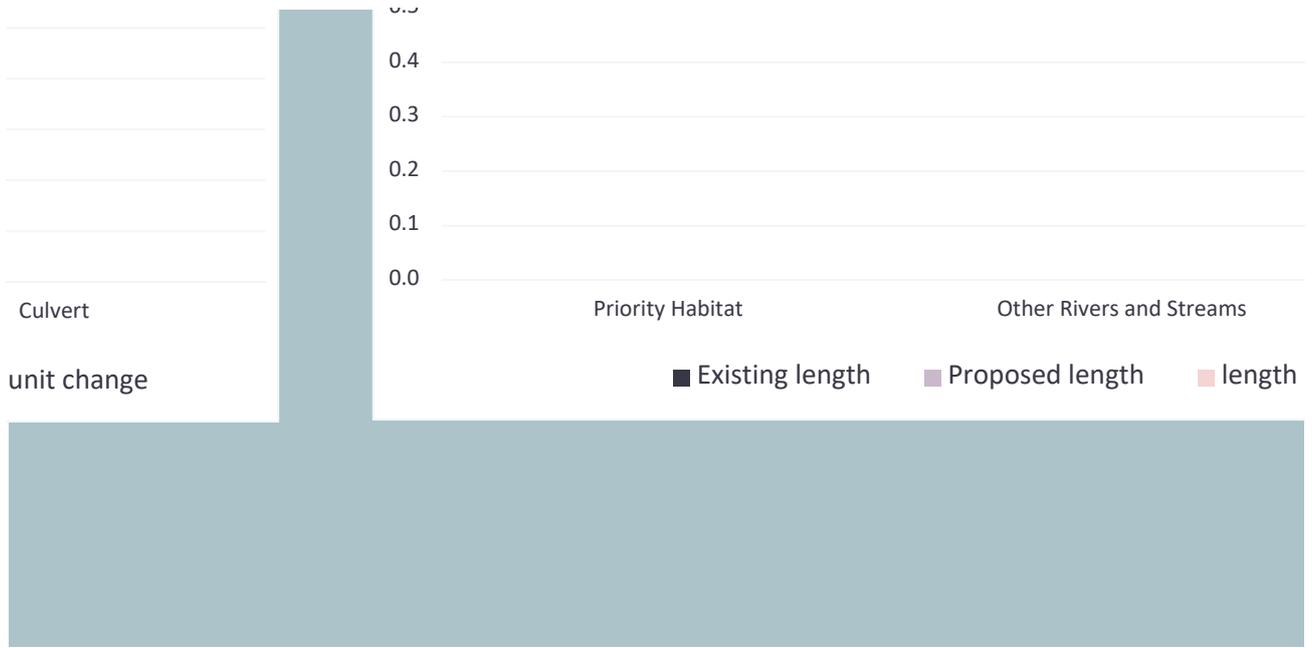
■ Existing length

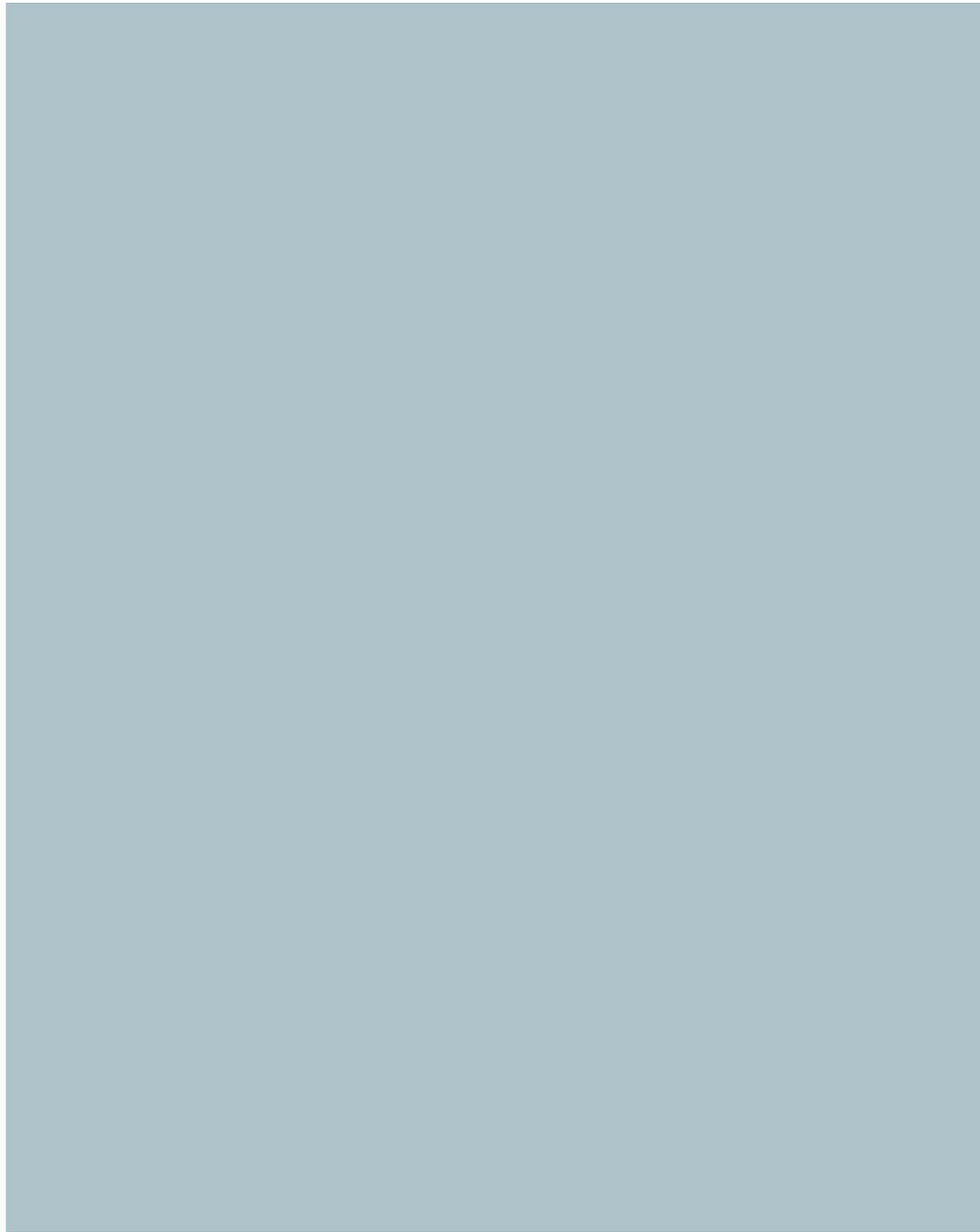
■ Proposed length

■

ulvert

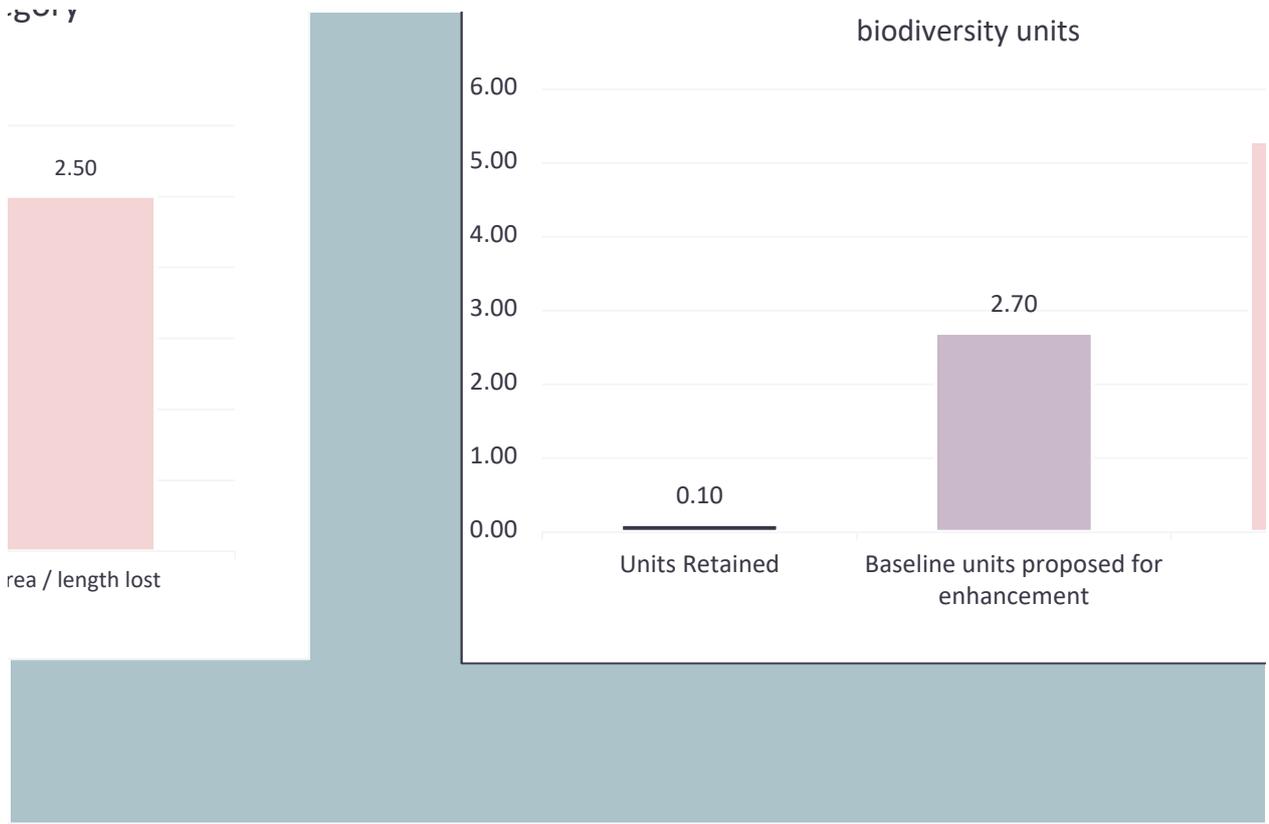
1.0
0.9
0.8
0.7
0.6
0.5



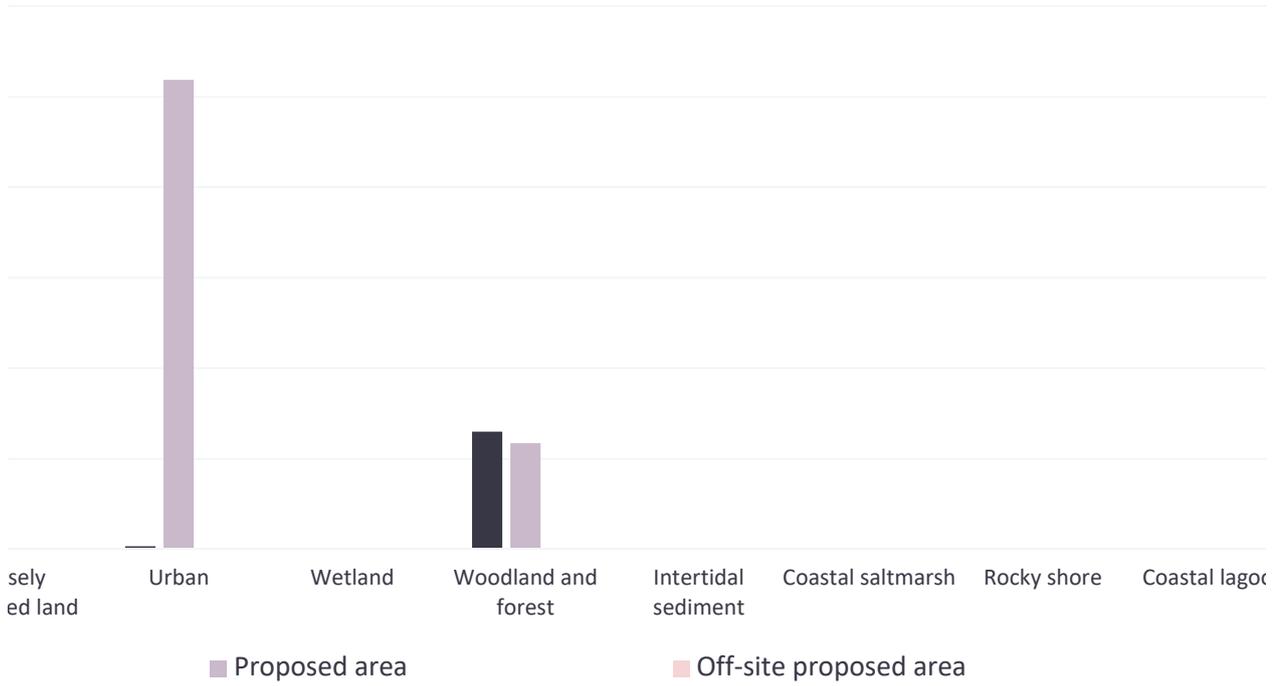


egorv

On-site and off-site habitat retention category



On site area change by habitat group



Combined habitat area change

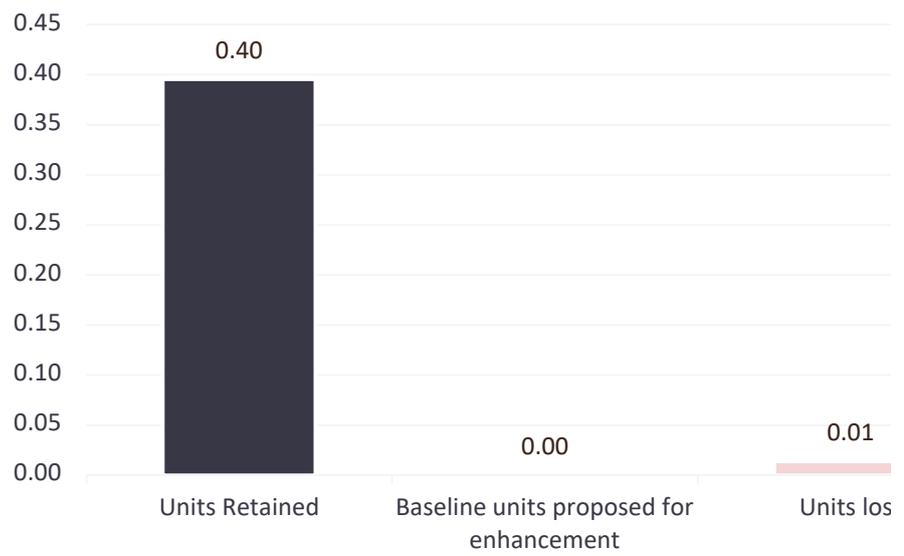




■ Area change
 ■ Off-site area change
 ■ Off-site proposed area
 ■ Existing area

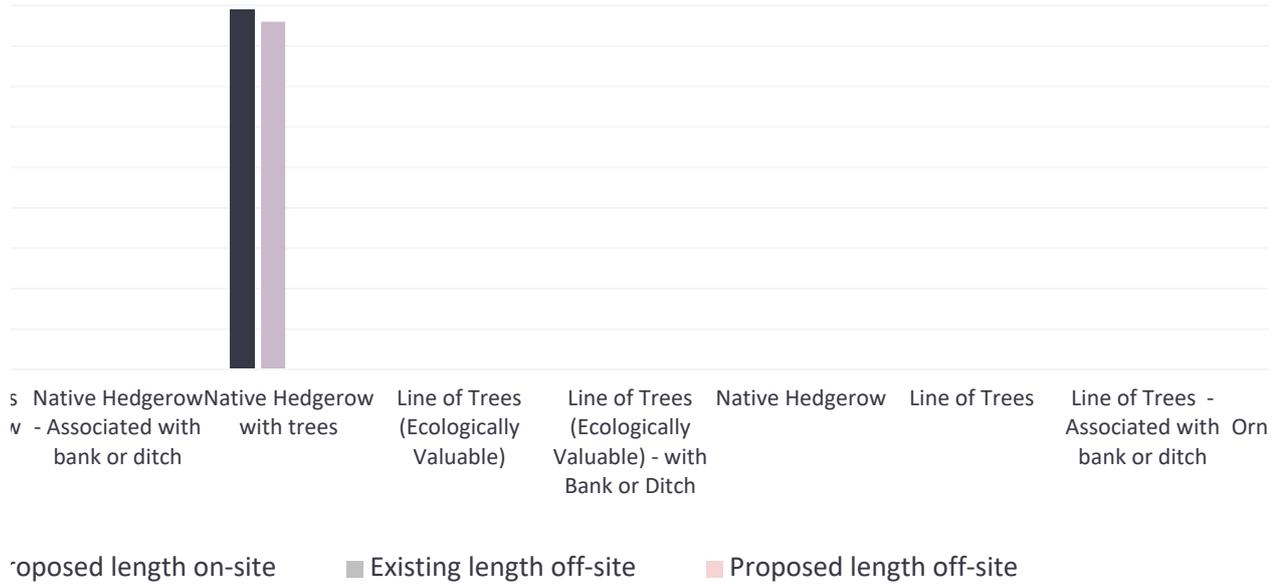


On-site and off-site hadge retention category biodiversity units



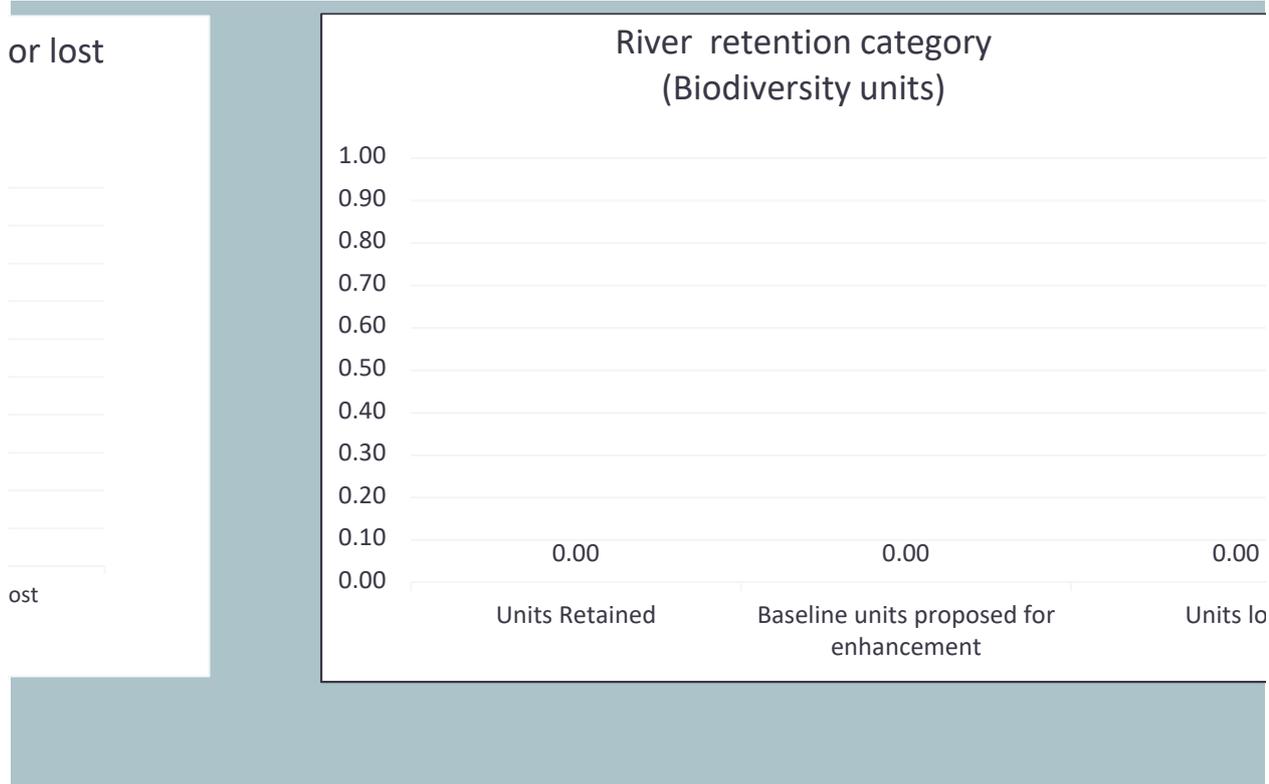
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gth lost

Length change by hedgerow length (km)

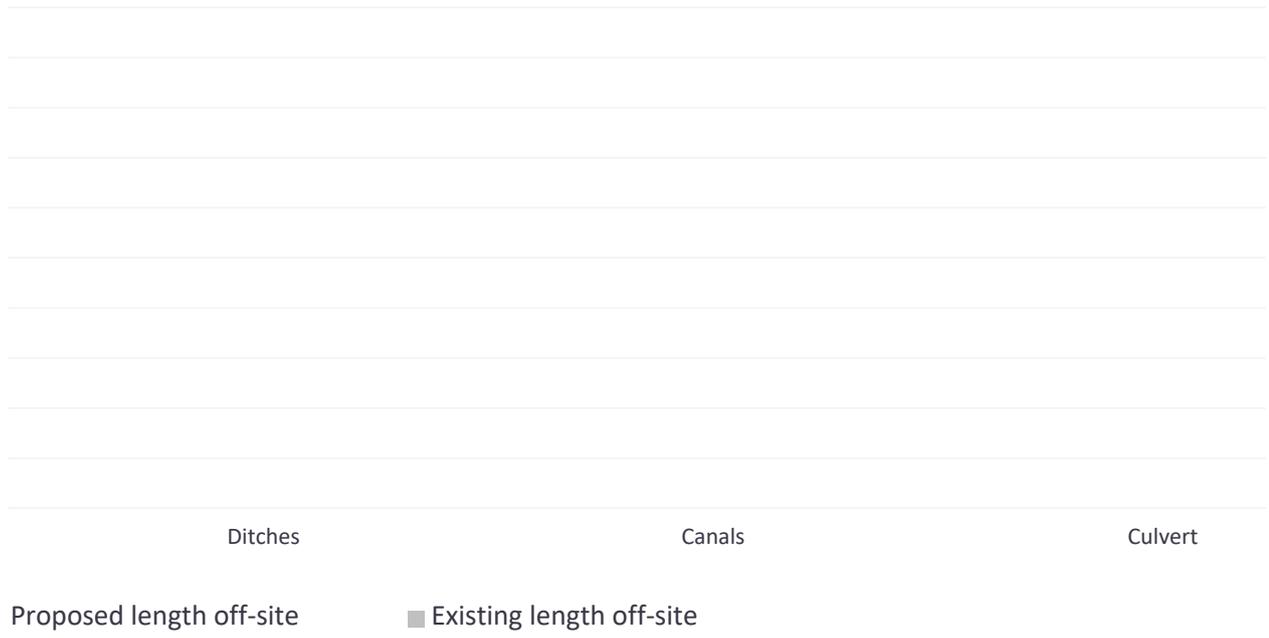


Combined hedgerow length change (km)

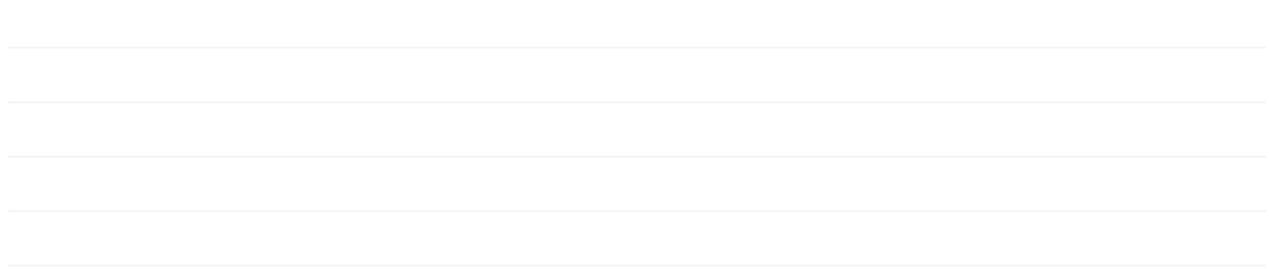




Length change by river type



Combined river length change





Ditches

Canals

Culvert

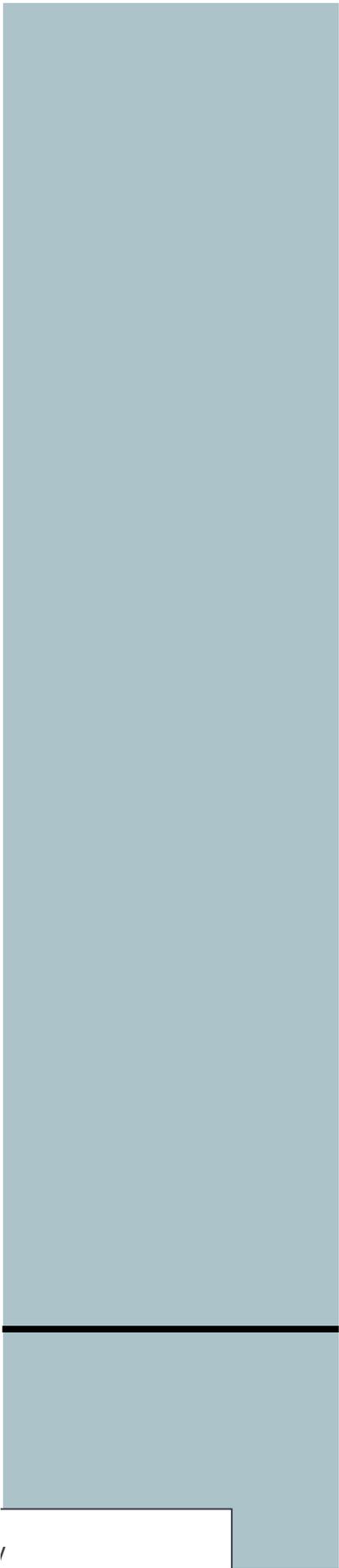
change

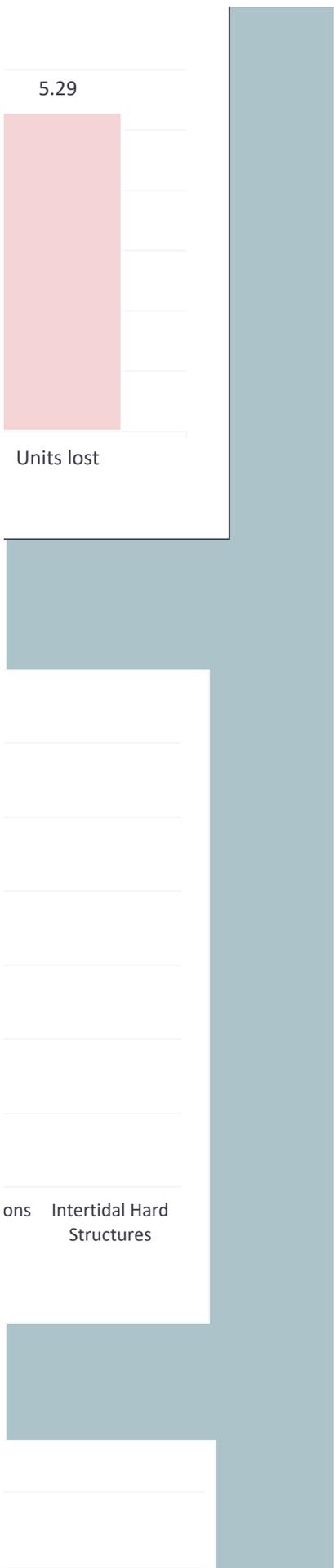
■ Existing length off-site

■ Proposed length off-site

■ Off-site length change

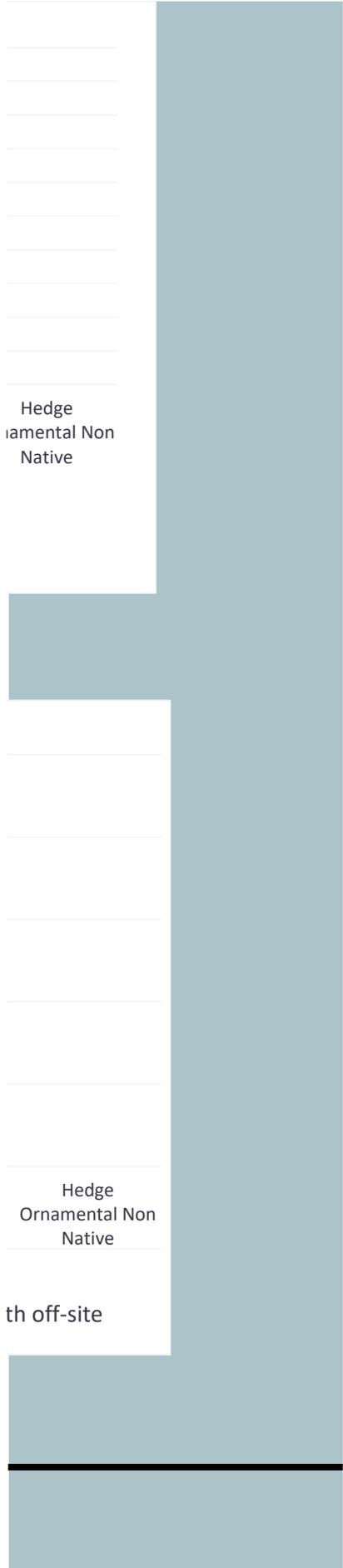


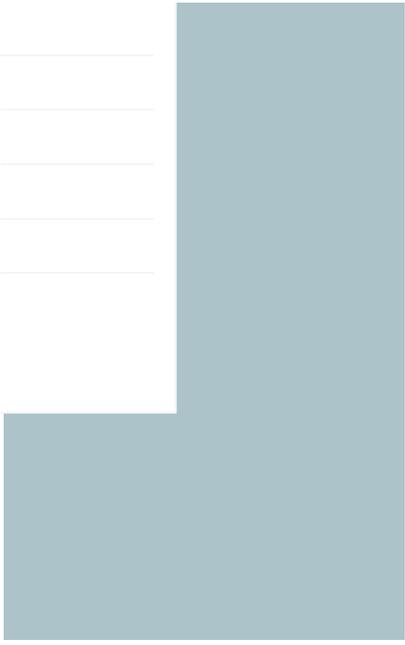




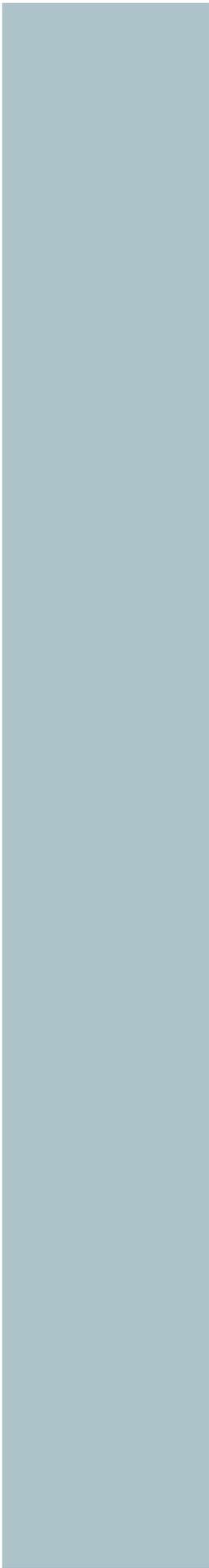
goons Intertidal Hard
Structures

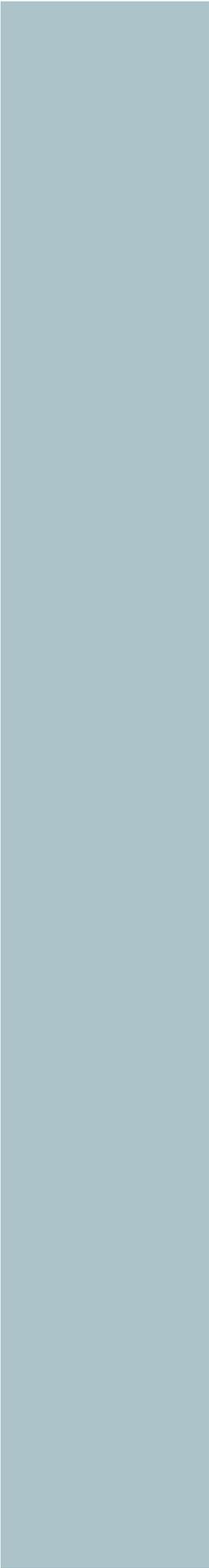
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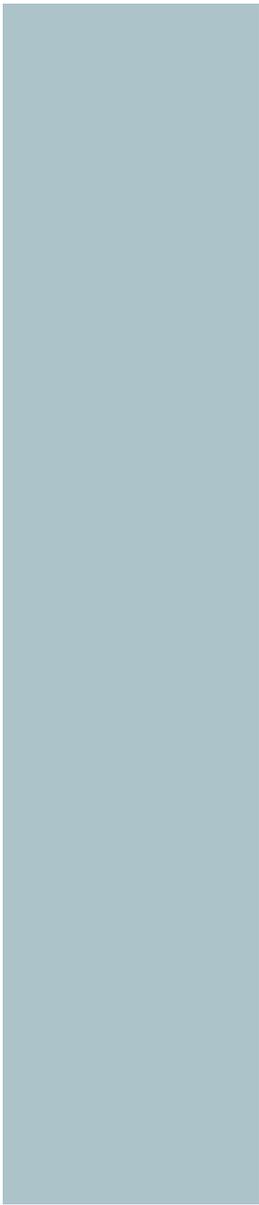




Return to
results
menu







Trading S

Distinctiveness Group

Very High

High

Medium

Low

Very High D

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 Dist

Habitat group

Grassland - Traditional orchards

Grassland - Floodplain Wetland Mosaic (CFGM)

Grassland - Lowland calcareous grassland

Grassland - Tall herb communities
Grassland - Upland calcareous grassland
Heathland and shrub - Lowland Heathland
Heathland and shrub - Sea buckthorn scrub (Annex 1)
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
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

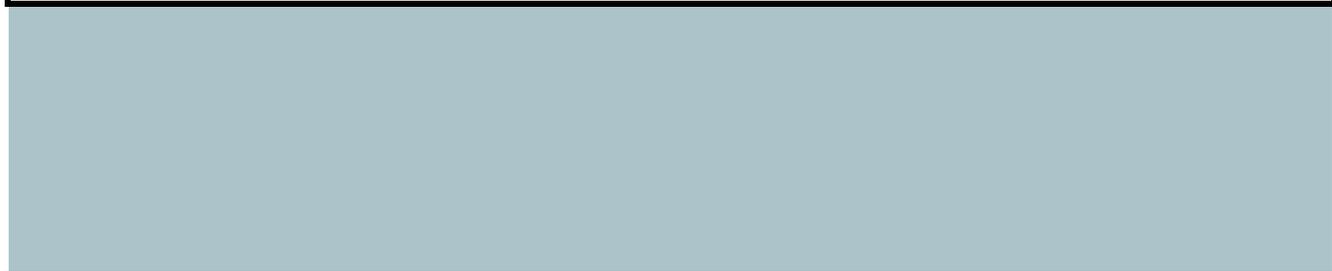


Medium Dis

Habitat Group

Cropland - Arable field margins cultivated annually

Cropland - Arable field margins game bird mix
Cropland - Arable field margins pollen & nectar
Cropland - Arable field margins tussocky
Cropland - Cereal crops winter stubble
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 - Hazel scrub
Heathland and shrub - Mixed scrub
Lakes - Ponds (Non- Priority Habitat)
Lakes - Reservoirs
Sparsely vegetated land - Other inland rock and scree
Urban - Brown roof
Urban - Cemeteries and churchyards
Urban - Intensive green roof
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 - Cereal crops other
Cropland - Horticulture
Cropland - Intensive orchards
Cropland - Non-cereal crops
Cropland - Temporary grass and clover leys
Grassland - Modified grassland
Grassland - Bracken
Heathland and shrub - Rhododendron scrub
Lakes - Ornamental lake or pond
Sparsely vegetated land - Ruderal/Ephemeral

Urban - Bioswale
Urban - Allotments
Urban - Facade-bound green wall
Urban - Ground based green wall
Urban - Ground level planters
Urban - Extensive green roof
Urban - Introduced shrub
Urban - Rain garden
Urban - Sand pit quarry or open cast mine
Urban - Urban Tree
Urban - Sustainable urban drainage feature
Urban - Vacant/derelict land/ bareground
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 - Sea buckthorn scrub (other)



Summary

Trading Rule
Bespoke compensation likely to be required
Same habitat required
Same broad habitat or a higher distinctiveness habitat required
Same distinctiveness or better habitat required

Distinctiveness

Group	On Site Unit Change	Off Site Unit Change	Project wide Unit Change
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
	0.00	0.00	0.00

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
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
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
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
	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
Cropland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.08	0.00	0.08
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	-0.18	0.00	-0.18
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	0.08	0.00	0.08
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
Urban	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	3.48	0.00	3.48
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	0.00	0.00	0.00
	3.46	0.00	3.46

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	-4.73	0.00	-4.73
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	0.01	0.00	0.01
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.34	0.00	0.34
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	1.10	0.00	1.10
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	0.00	0.00	0.00
Intertidal	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
	-3.28		-3.28

0.00
0.08
-0.09
0.00
0.00
0.00
3.48
0.00

Higher distinctiveness surplus units minus Medium Distinctiveness Broad Habitat Defecit
 Cumulative surplus of units

Low Distinctiveness Summary
 Low Distinctiveness Net Change in Units
 Cumulative surplus of units



ary
0.00

y
0.00
0.00

ary

3.56

-0.09

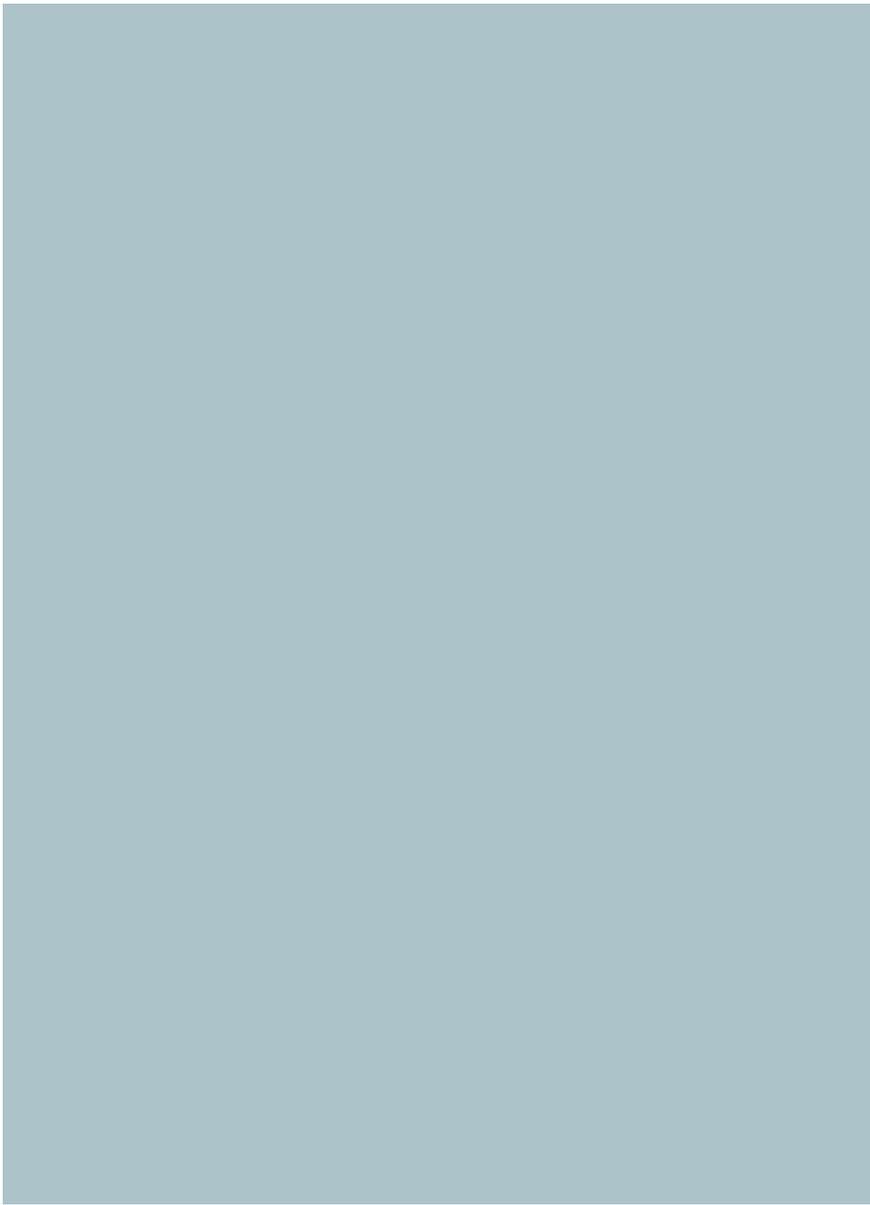
0.00

3.56

y

-3.28

0.28



Land

Condense / Show O

Main Menu

Ref	Broad habitat
1	Woodland and forest
2	Grassland
3	Heathland and shrub
4	Urban
5	

ed off Primrose Lane, Hightown, Liversedge

A-1 Site Habitat Baseline

Columns

Condense / Show Rows

Instructions

Habitats and areas

Habitat type	Area (hectares)
Other woodland; broadleaved	0.65
Modified grassland	2.3954
Bramble scrub	0.04
Urban Tree	0.0167
	3.09

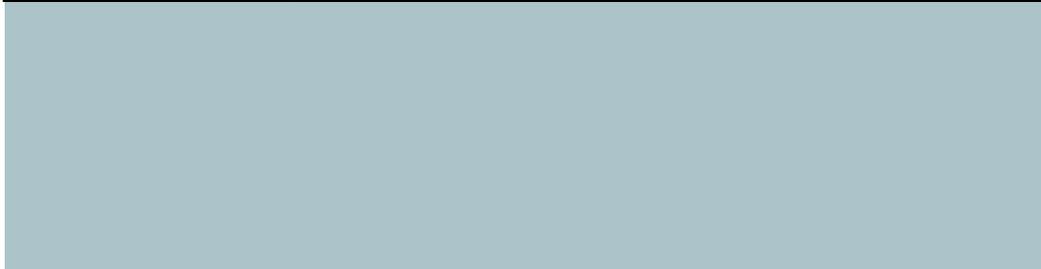
Distinctiveness		Condition		Strategic signif
Distinctiveness	Score	Condition	Score	Strategic significance
Medium	4	Poor	1	Within area formally identified in local strategy
Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy
Medium	4	Poor	1	Location ecologically desirable but not in local strategy
Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy

Significance		Suggested action to address habitat losses	Ecological baseline
Strategic significance	Strategic Significance multiplier		Total habitat units
High strategic significance	1.15	Same broad habitat or a higher distinctiveness habitat required	2.99
Low Strategic Significance	1	Same distinctiveness or better habitat required	4.79
Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required	0.18
Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required	0.13
			8.09

Retention category biodiversity value					
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area lost	Units lost
0	0.5862	0.00	2.70	0.06	0.29
0	0	0.00	0.00	2.40	4.79
0	0	0.00	0.00	0.04	0.18
0.0127		0.10	0.00	0.00	0.03
0.01	0.59	0.10	2.70	2.50	5.29



Bespoke compensation agreed for unacceptable losses	Comments
	Assessor comments
	Woodland managed to bring it into good condition. Removal of some sycamore and planting with native species of local provenance and underplanting to increase sub-canopy and shrub layer species.



ments

Reviewer comments

La

Condense / Show

Main Me

Broad Habitat

Urban

Urban

Urban

Urban

Heathland and shrub

Grassland

Grassland

Urban

Urban

Urban

and off Primrose Lane, Hightown, Liversedge

A-2 Site Habitat Creation

Columns

Condense / Show Rows

nu

Instructions

Proposed habitat	Area (hectares)
Developed land; sealed surface	1.3344
Vegetated garden	0.5719
Developed land; sealed surface	0.5381
Developed land; sealed surface	0.0092
Mixed scrub	0.0084
Other neutral grassland	0.009
Modified grassland	0.0165
Introduced shrub	0.0063
Urban Tree	0.1099
Urban Tree	0.0104
Total area	2.49

Distinctiveness		Condition	
Distinctiveness	Score	Condition	Score
V.Low	0	N/A - Other	0
Low	2	Poor	1
V.Low	0	N/A - Other	0
V.Low	0	N/A - Other	0
Medium	4	Good	3
Medium	4	Good	3
Low	2	Moderate	2
Low	2	Poor	1
Medium	4	Moderate	2
Medium	4	Moderate	2

Strategic significance		
Strategic significance	Strategic significance	Strategic position multiplier
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Within area formally identified in local strategy	High strategic significance	1.15
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Post development/ post intervention habitats

Standard time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years
0		
1		
0		
0		
10		
10		
4		
1		
27		
27		



Temporal multiplier

Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier
Standard time to target condition applied	0	1.000
Standard time to target condition applied	1	0.965
Standard time to target condition applied	0	1.000
Standard time to target condition applied	0	1.000
Standard time to target condition applied	10	0.700
Standard time to target condition applied	10	0.700
Standard time to target condition applied	4	0.867
Standard time to target condition applied	1	0.965
Standard time to target condition applied	27	0.382
Standard time to target condition applied	27	0.382



Difficulty multipliers			
Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied
Low	Standard difficulty applied	Medium	0.67
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Medium	0.67
Low	Standard difficulty applied	Medium	0.67
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1
			Total Units

Habitat units delivered	Assessor comments
0.00	Residential plots 70:30 split
1.10	Residential plots 70:30 split
0.00	Roads & Pavements
0.00	Pathways / hardsurfacing
0.08	Native woodland species/scrub to enhance the existing woodland edge and hedgerow habitats onsite. It is anticipated that this would not require such a long time to reach target condition and would be a better option to be planted on and near the flood alleviation tank. LBAP habitat.
0.08	Small area along the eastern boundary to be seeded with a flowering lawn mix.
0.06	Amenity lawn turf on roadside verges
0.01	Ornamental / native shrub planting
0.34	19 medium trees, <i>Acer campestre</i> , <i>Betula utilis</i> , <i>Prunus avium</i>
0.03	31 small trees
1.70	



Land off Primrose Lane, Hightown, Liversedge

A-3 Site Habitat Enhancement

Condense / Show Columns

Condense / Show Rows

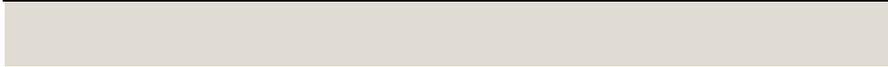
Main Menu

Instructions

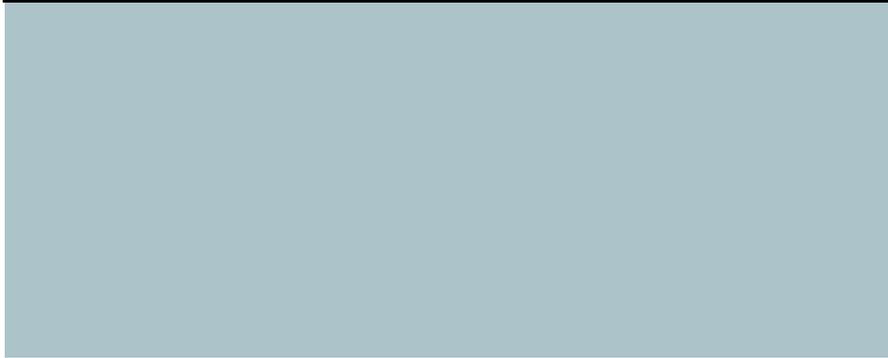
Baseline ref	Baseline habitat	Total habitat area
1	Woodland and forest - Other woodland; broadleaved	0.65

Baseline habitats

Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score
Medium	4	Poor	1



Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units
High strategic significance	1.15	2.99



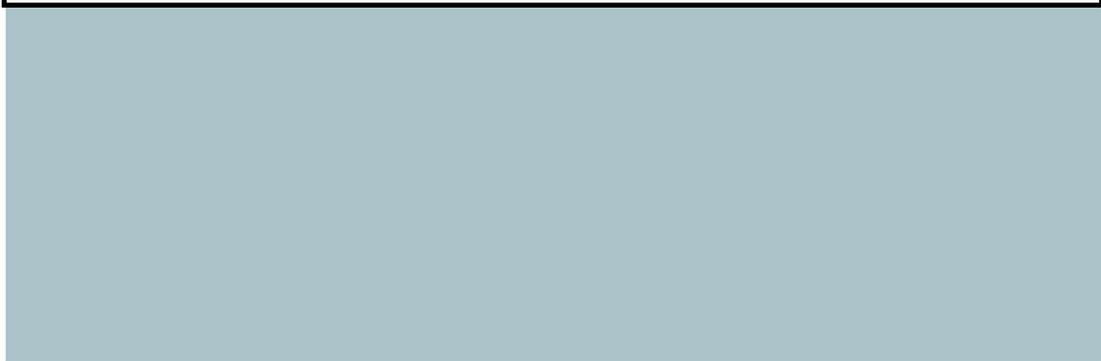
Suggested action to address habitat losses	Proposed Broad Habitat
Same broad habitat or a higher distinctiveness habitat required	Woodland and forest



Proposed Habitat (Pre-Populated but can be overridden)

Proposed habitat

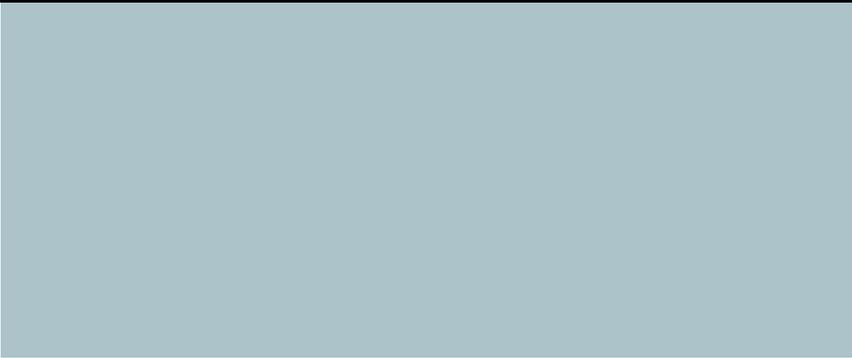
Other woodland; broadleaved





Post d

Distinctiveness	Score	Condition	Score
Medium	4	Good	3



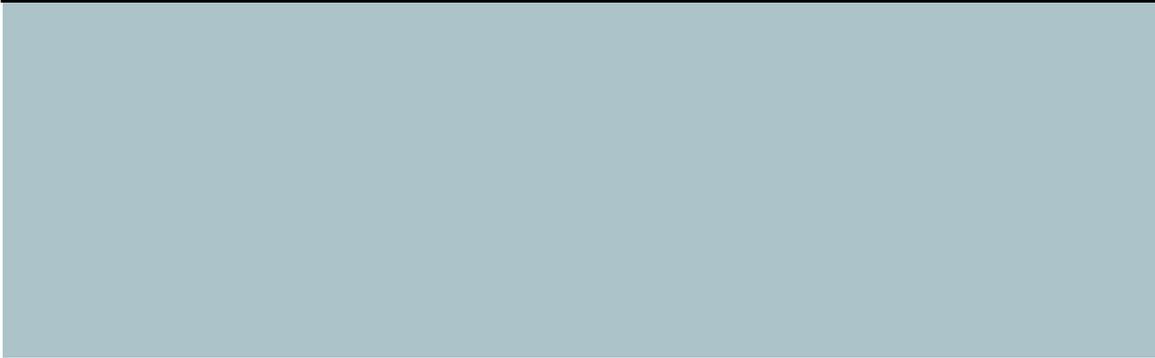
development/ post intervention habitats

Strategic significance			
Strategic significance	Strategic significance	Strategic position multiplier	Standard time to target condition/years
Within area formally identified in local strategy	High strategic significance	1.15	20



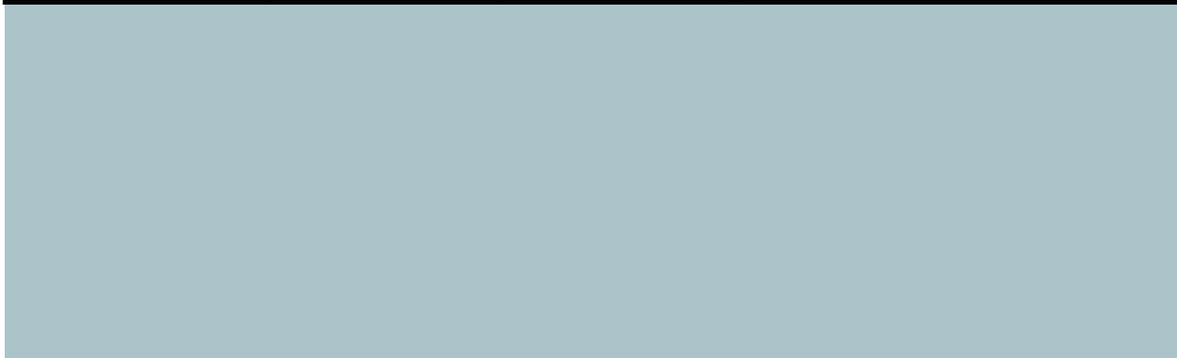
Temporal risk multiplier

Habitat enhanced in advance/years	Delay in starting habitat enhancement/years	Standard or adjusted time to target condition
10	0	Check details - Is there evidence habitat creation started/in place?





		Difficulty risk multiplier	
Final time to target condition/years	Final time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier
10	0.700	Low	Standard difficulty applied



pliers		Habitat units delivered	Com
Final difficulty of enhancement	Difficulty multiplier applied		Assessor comments
Low	1	6.47	Woodland management to include creation of ride in location of water pipe easement with 188m ² (0.018ha) of woodland understorey planting, 734m ² (0.0734ha) of woodland wildflowers and 520m ² (0.052ha) other neutral grassland. Time for sub-canopy scrub to mature and reach target condition is 10 years, thus enhancing structural diversity. Time to target condition is adjusted accordingly.
		6.47	

B-1 Site Hedge B

Condense / Show Co

Main Menu

Baseline ref	Hedge number
1	1
2	
3	
4	
5	
6	

Baseline

Columns

Condense / Show Rows

Instructions

UK Habitats - existing habitats

Hedgerow type	Length KM
Native Hedgerow with trees	0.089
	0.09

Habitat distinctiveness		Habitat condition	
Distinctiveness	Score	Condition	Score
Medium	4	Poor	1



Strategic significance		
Strategic significance	Strategic significance	Strategic position multiplier
Within area formally identified in local strategy	High strategic significance	1.15



Suggested action to address habitat losses	Ecological baseline
	Total hedgerow units
Like for like or better	0.41
	0.41

Retention category biodiversity value			
Length retained	Length enhanced	Units retained	Units enhanced
0.086	0	0.40	0.00
0.09	0.00	0.40	0.00

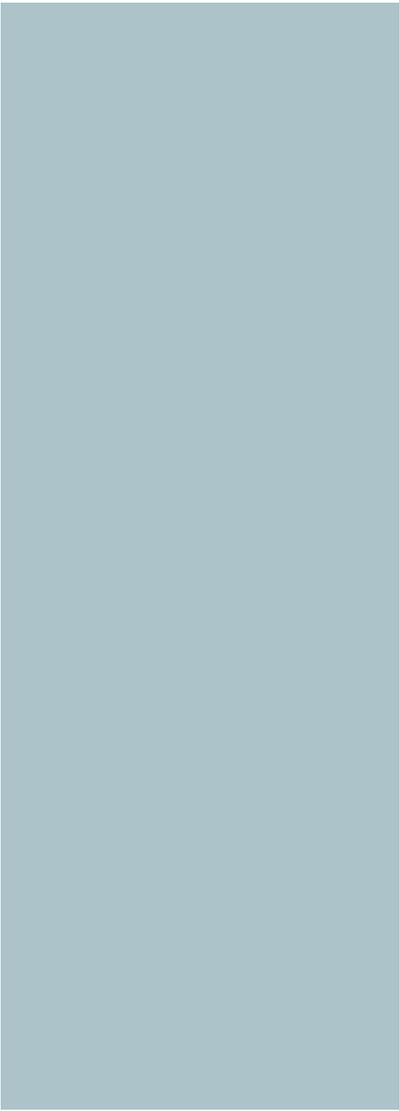


ue	Comm
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Length lost	Units lost	Assessor comments
0.00	0.01	
0.00	0.01	



ments
Reviewer comments



B-2 Site Hedge C

Condense / Show

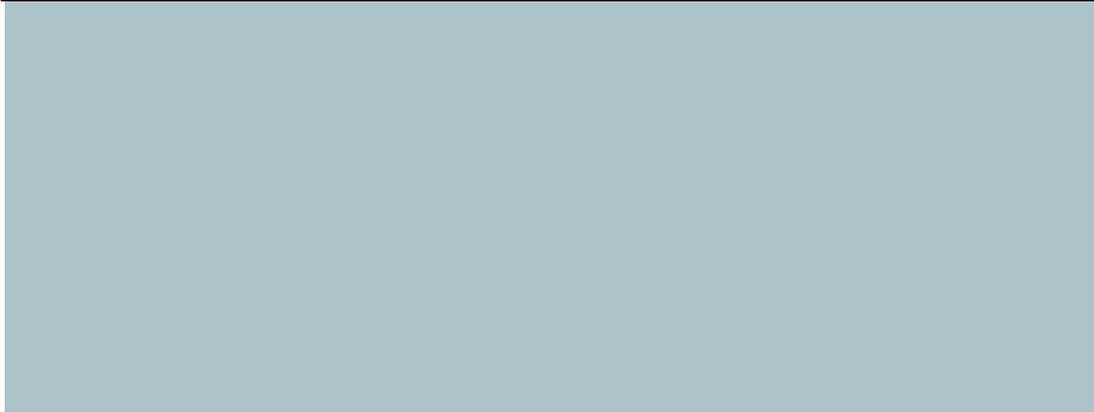
Main Me

Baseline ref	New hedge number
1	2
2	
3	
4	
5	
6	

Habitat distinctiveness		Habitat condition	
Distinctiveness	Score	Condition	Score
Medium	4	Good	3



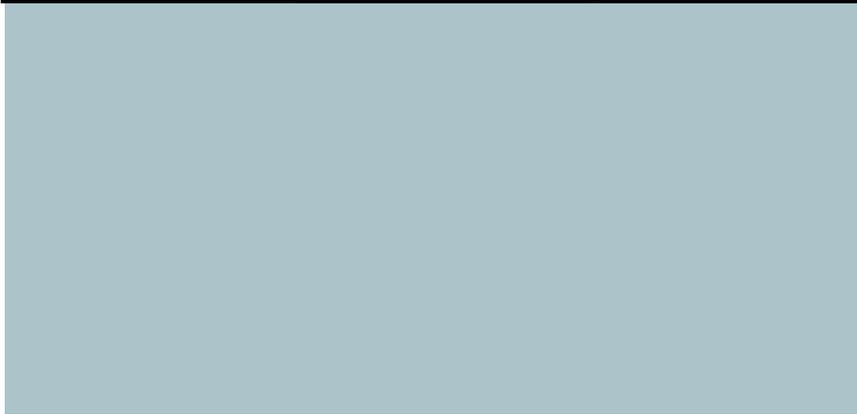
Strategic significance		
Strategic significance	Strategic significance	Strategic position multiplier
Within area formally identified in local strategy	High strategic significance	1.15





Tem

Standard Time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years
12	0	0



Temporal multiplier			
Standard or adjusted time to target condition	Final time to target condition/years	Final Time to target multiplier	Standard difficulty of creation
Standard time to target condition applied	12	0.652	Low



Comments	
Assessor comments	Reviewer comments
67m created on the western boundary	





