The Biodiversity Metri
Star

Project details	
Planning authority:	
Project name:	Land off Prim
Applicant:	Jones H
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
Iomes (Yorkshire) Limited
oline Hillier - AES-LTD
lotte Mercer - AES-LTD
3
03/04/2023 (V.6)

Instructions

Main menu

Results

View all

Enter data
Automatic lookup
Result

Reset view

On-site post intervention map

Insert

Off-site post intervention map

Insert

The Biodiversity Metr
Mai

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

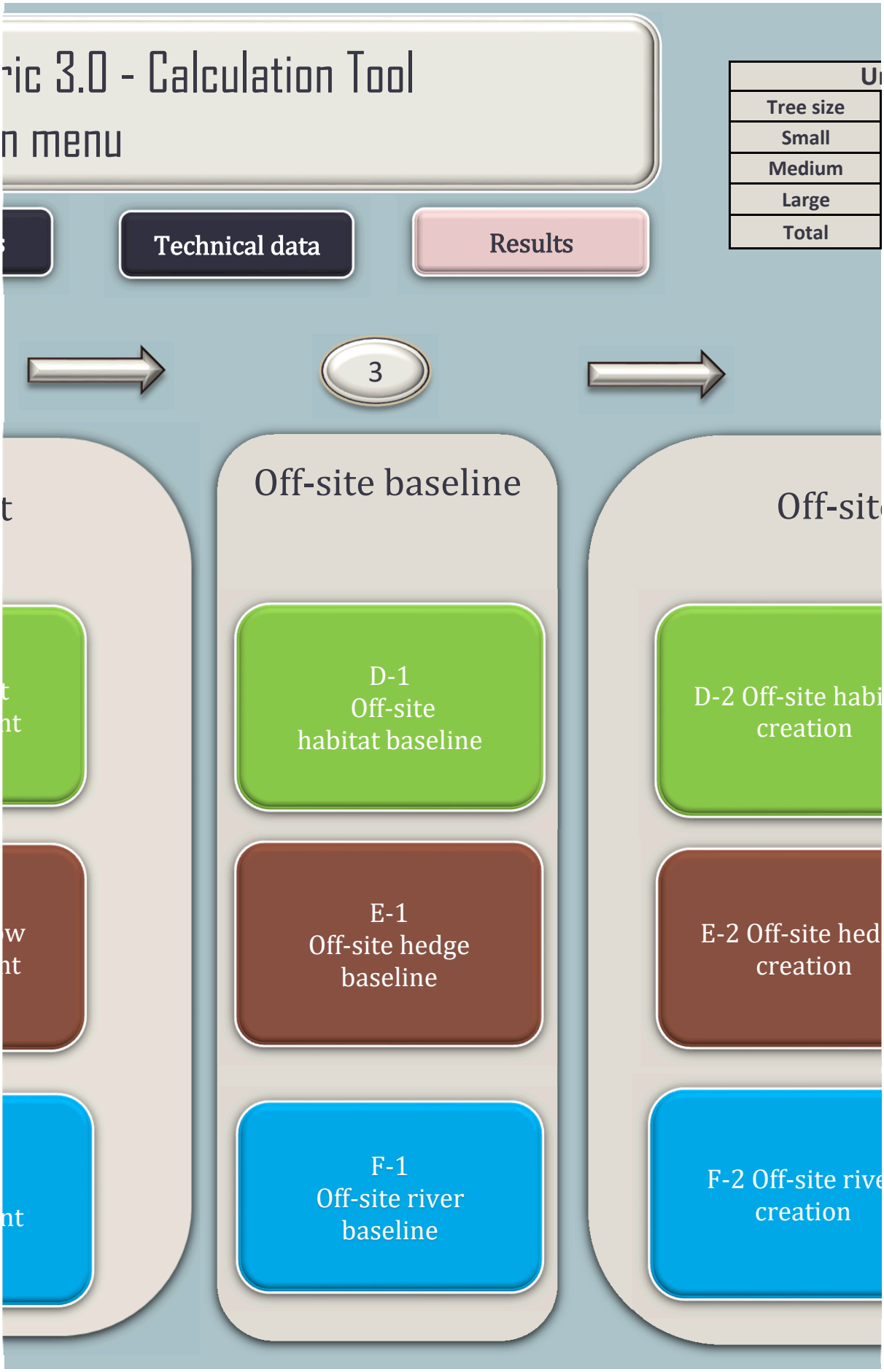
A-3 Habitat enhancemen

B-2 Hedgerow creation

B-3 Hedgero enhancemen

C-2 River creation

C-3 River enhancemen


ric 3.0 - Calculation Tool
n menu
Technical data
Results
Tree size
Small
Medium
Large
Total
3
Off-site baseline
D-1
Off-site
habitat baseline
E-1
Off-site hedge
baseline
F-1
Off-site river
baseline
D-2 Off-site habi
creation
E-2 Off-site hed
creation
F-2 Off-site rive
creation

rban tree helper	
Tree number	Area
	0.0000
51	0.2075
	0.0000
51.00	**0.2075**

4

e post development

itat

D-3 Off-site habitat enhancement

ge

E-3 Off-site hedge enhancement

er

F-3 Off-site river enhancement

The Biodiversity Metric 3.0 - Calcu
Start page

Return to start page

Headline results

Detailed resu

ılation Tool
ılts
Habitat trading summary

Land off Primrose Lane, Hightown, Liversedge

Headline Results

Return to results menu

On-site baseline	*Habitat units*
	Hedgerow units
	River units
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*
	Hedgerow units
	River units
On-site net % change (Including habitat retention, creation & enhancement)	*Habitat units*
	Hedgerow units
	River units

Off-site baseline	*Habitat units*
	Hedgerow units
	River units
Off-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*
	Hedgerow units
	River units

Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *River units*
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units* *Hedgerow units* *River units*
Trading rules Satisfied?	**Y**

7.59
0.41
0.00

8.58
0.94
0.00

13.16%
130.72%
0.00%

0.00
0.00
0.00

0.00
0.00
0.00

1.00
0.54
0.00

13.16%
130.72%
0.00%

Yes

Land off Primrose Lane, Hightown, Livers

Detailed Results

Summary Figures

Net project biodiversi
(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 tree

On 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

Hedgerows and Lines of Trees

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
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Line of Trees
Line of Trees - Associated with bank or ditch
Hedge Ornamental Non Native

Hedgerows and Lines of Trees

Combined on and
Hedgerow type
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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

Rivers and Streams

On sit

River type
Priority Habitat
Other Rivers and Streams
Ditches
Canals
Culvert

Rivers and Streams

Off sit

River type
Priority Habitat
Other Rivers and Streams
Ditches
Canals
Culvert

Combined on a

Rivers and Streams	
	River type
	Priority Habitat
	Other Rivers and Streams
	Ditches
	Canals
	Culvert

edge

Return to results menu

ty units
tention/creation)

Habitat units
Hedgerow units
River units

% change
+ Retained Habitats)

Habitat units
Hedgerow units
River units

habitat retention and enhancement

	Habitats	Hedgerows
	2.95	0.09
	7.59	0.41
	0.00	0.09
	0.00	0.40
	0.59	0.00
	2.73	0.00
	2.35	0.00
	4.86	0.01

ange by broad habitat type

Baseline		Post development on site		Onsit
Existing area	Existing value	Proposed area	Proposed value	Area change
0.00	0.00	0.00	0.00	0.00
2.30	4.60	0.01	0.08	-2.29
0.00	0.00	0.01	0.13	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	2.54	1.84	2.54
0.00	0.00	0.00	0.00	0.00
0.65	2.99	0.59	6.55	-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

ange by broad habitat type

Baseline		Post development Off-site		Off-sit
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

l off site change by broad habitat type

Baseline	On-site and Off-site post development	Combi

Existing area	Existing value	Combined proposed area	Combined proposed value	Proposed area
0.00	0.00	0.00	0.00	0.00
2.30	4.60	0.01	0.08	-2.29
0.00	0.00	0.01	0.13	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	2.54	1.84	2.54
0.00	0.00	0.00	0.00	0.00
0.65	2.99	0.59	6.55	-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

S

change by hedgerow type

Baseline		Post development on site		Onsit
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	0.06	0.55	0.06
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

change by hedgerow type

Off site baseline		Post development off site		Off sit
Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	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	0.00	0.00	0.00
0.00	0.00	0.00	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 hedgerow type

Baseline		Post development on site		Onsit
Existing length	Existing value	Proposed length	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	0.06	0.55	0.06
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

te change by river type

Baseline		Post development on site		Onsit
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-sit
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		Onsit
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

1.00
0.54
0.00

13.16%
130.72%
0.00%

Rivers
0.00
0.00

0.00
0.00

0.00
0.00

0.00
0.00

e Change

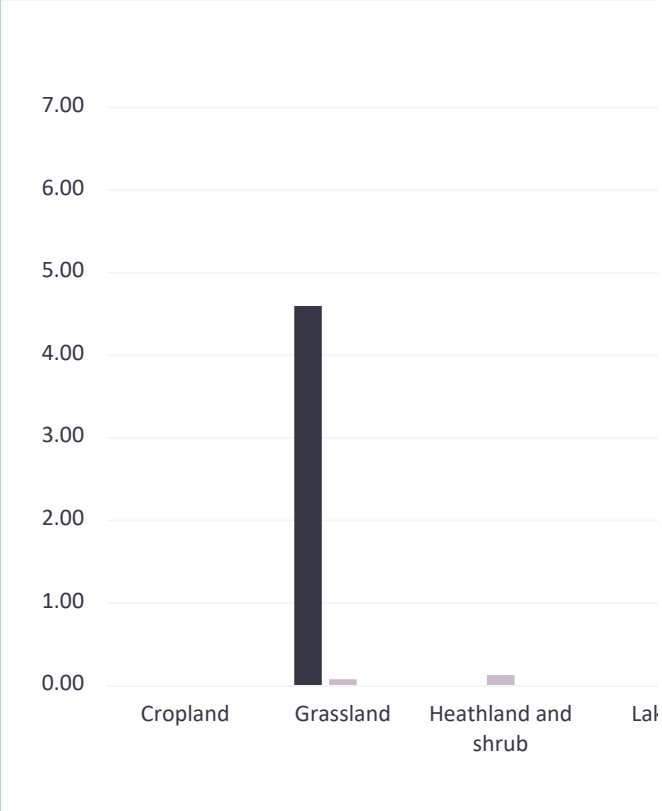
Onsite Unit change
0.00
-4.52
0.13
0.00
0.00
1.84
0.00
3.56
0.00
0.00
0.00
0.00
0.00

Combined area lost by distin

Category	Area lost (hectares)
V.High	0
High	0
Medium	**0.0571**
Low	**2.2977**
V.Low	0

e Change

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



ned change

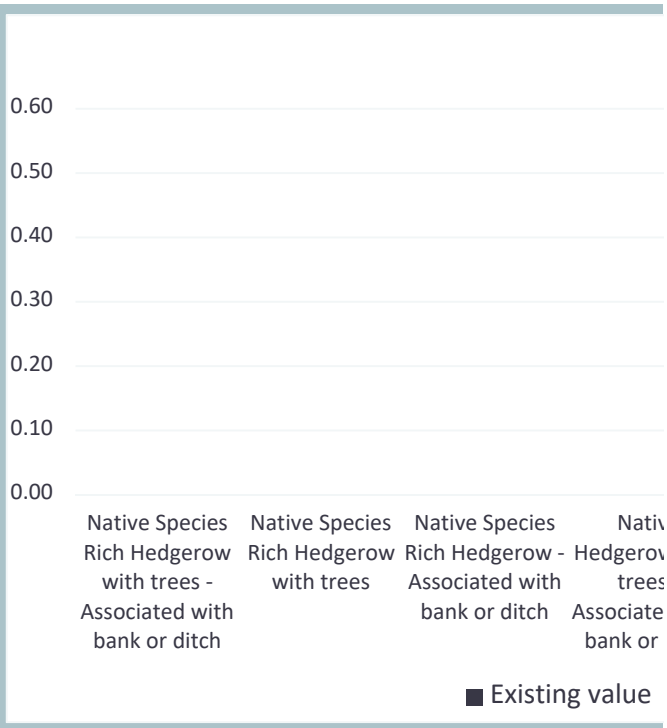
Proposed value
0.00
-4.52
0.13
0.00
0.00
1.84
0.00
3.56
0.00
0.00
0.00
0.00
0.00

e Change
On-site Unit change
0.00
0.00
0.00
0.00
0.55
0.00
-0.01
0.00
0.00
0.00
0.00
0.00
0.00

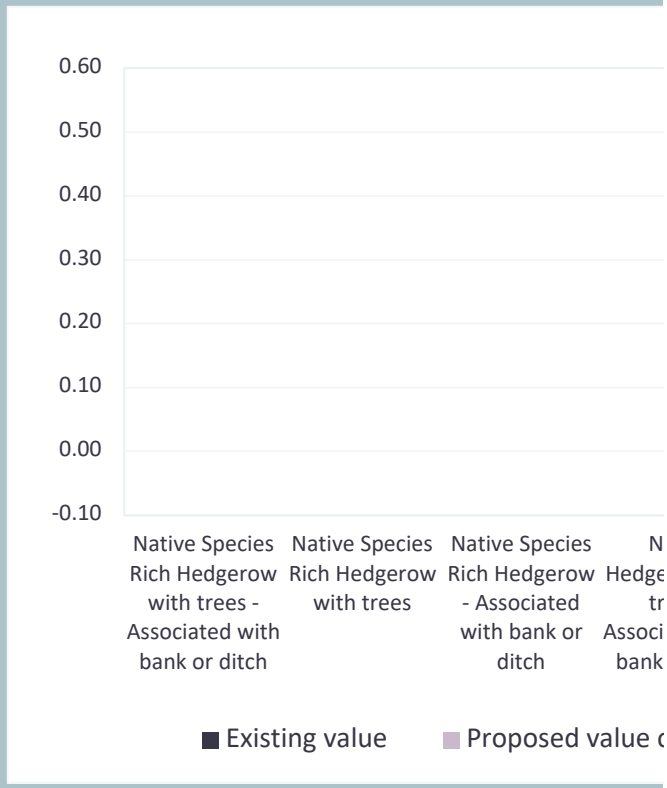
Combined length lost by disti

Category	Length lost (KM)
V.High	0
High	0
Medium	**0.003**
Low	0
V.Low	0

e Change
Off site Unit change
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00



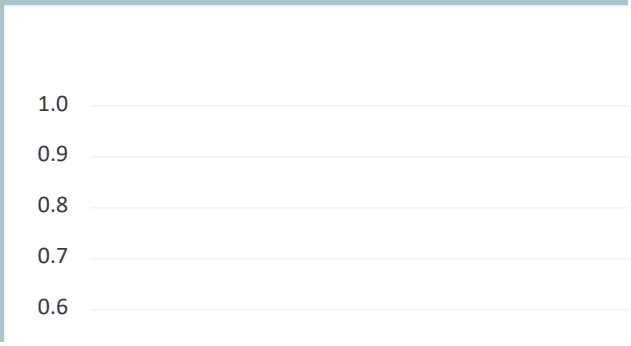
e Change
Onsite Unit change
0.00
0.00
0.00
0.00
0.55
0.00
-0.01
0.00
0.00
0.00
0.00
0.00
0.00



e 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

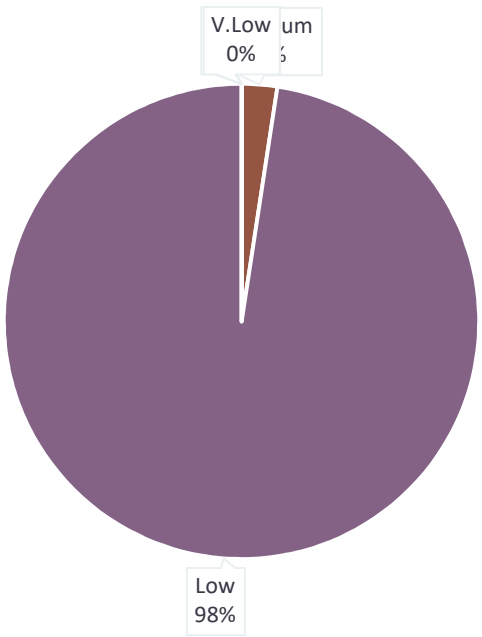
e Change
Off-site unit change
0.0
0.0
0.0
0.0
0.0



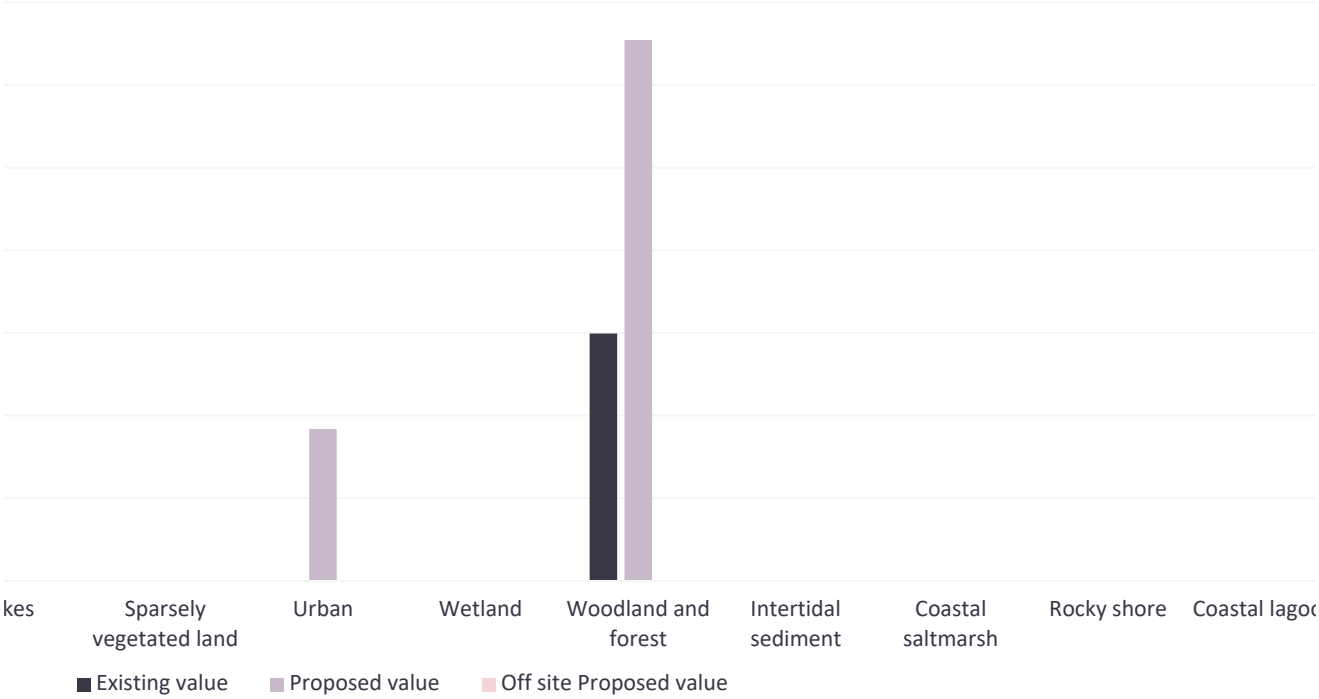
e Change
Onsite Unit change
0.0
0.0
0.0
0.0
0.0

% Area lost by distinctiveness categ

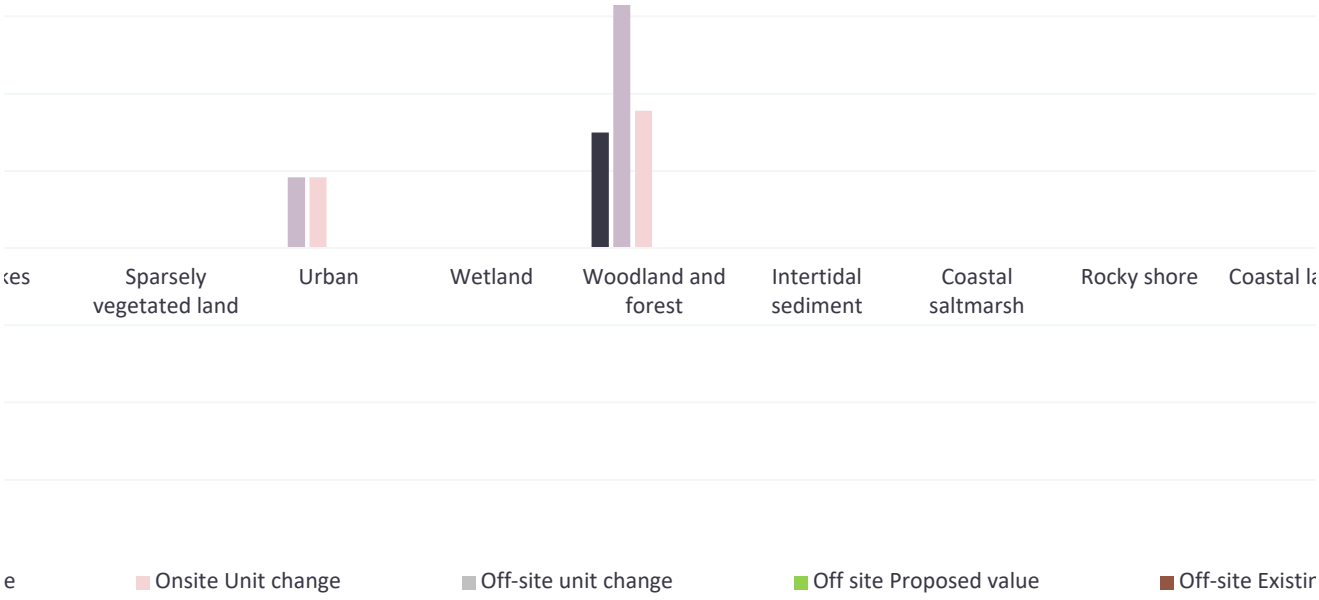
nctiveness band
Area lost (%)
2
98



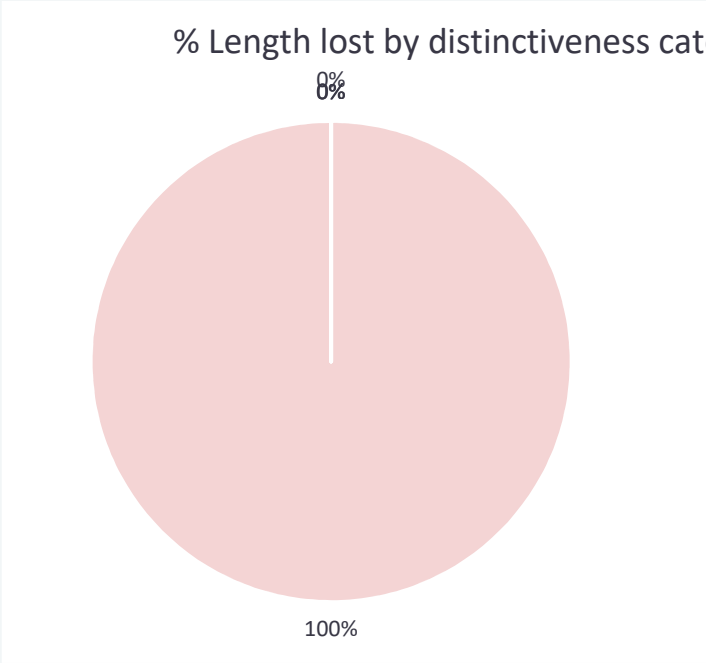
Unit change by habitat group

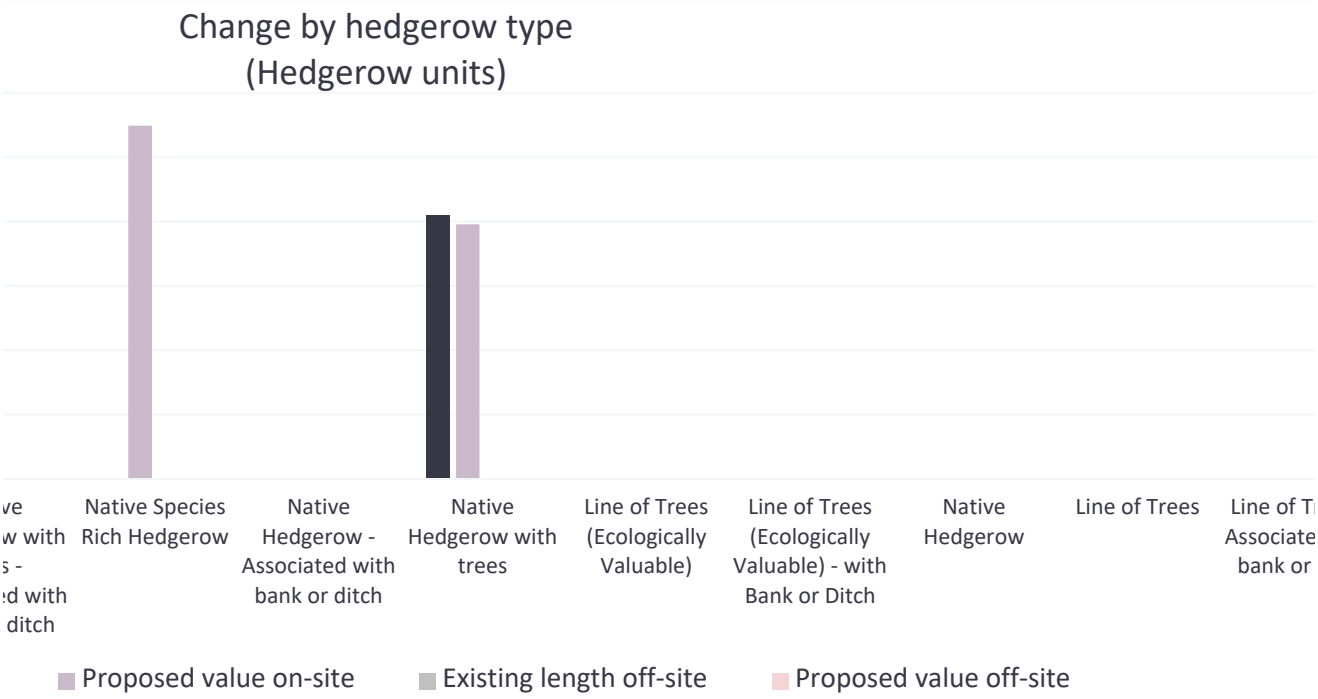


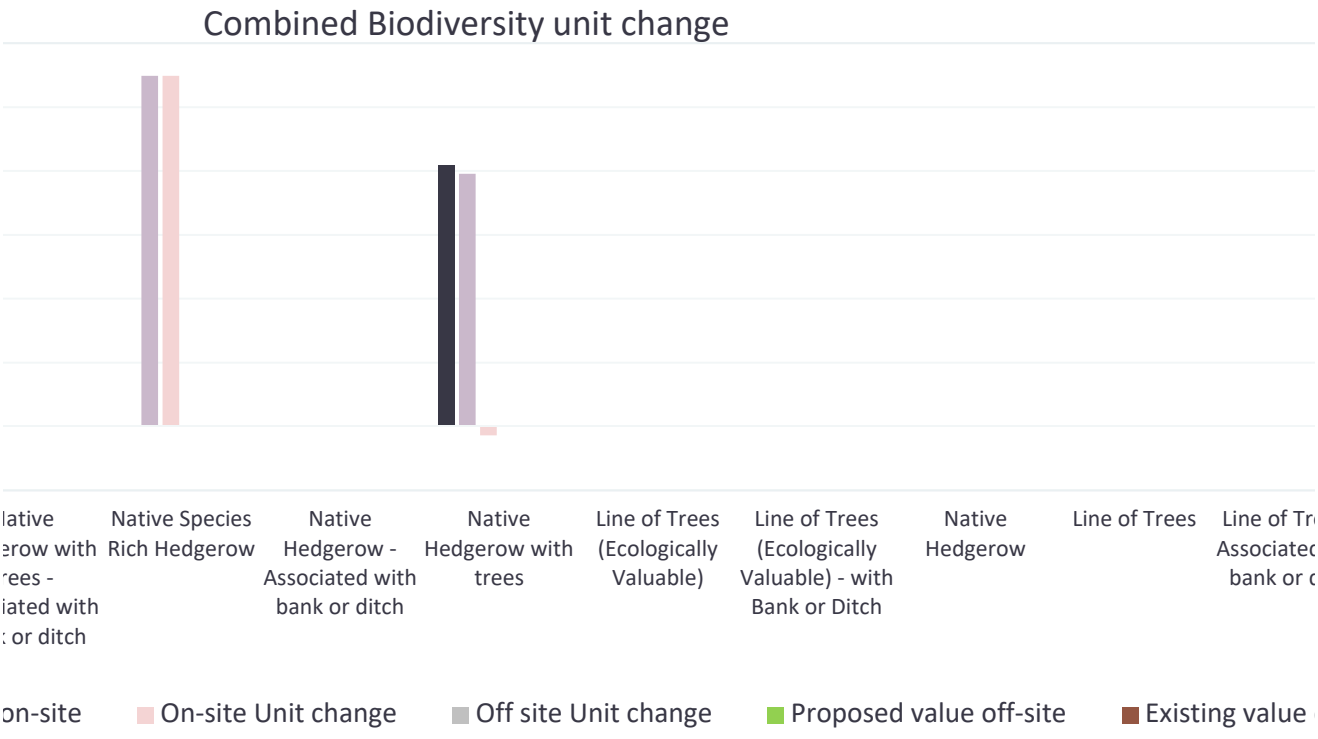
Combined Biodiversity Unit change



inctiveness band
Length lost (%)
100




Change by hedgerow type
(Hedgerow units)
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
Proposed value on-site
Existing length off-site
Proposed value off-site


Combined Biodiversity unit change
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
On-site Unit change
Off site Unit change
Proposed value off-site

inctiveness band
Length lost (%)

Unit change by river type

ıer Rivers and Streams Ditches Canals Cu

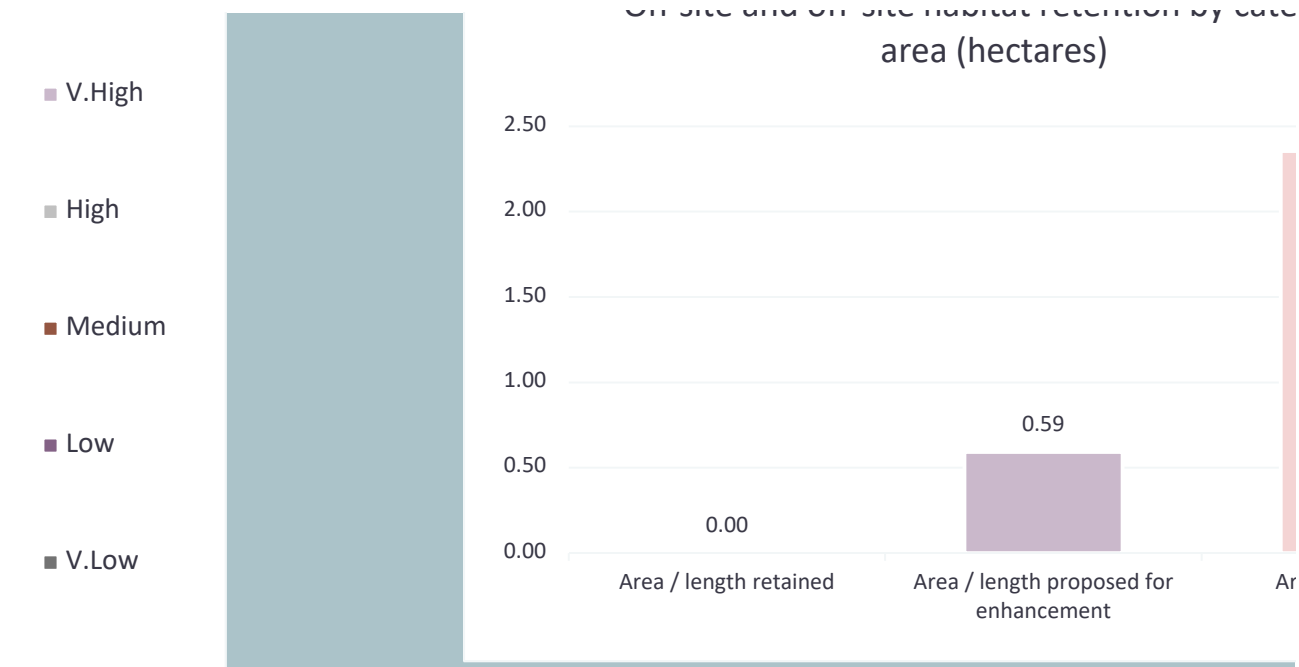
oposed value Existing value off-site Proposed value off-site

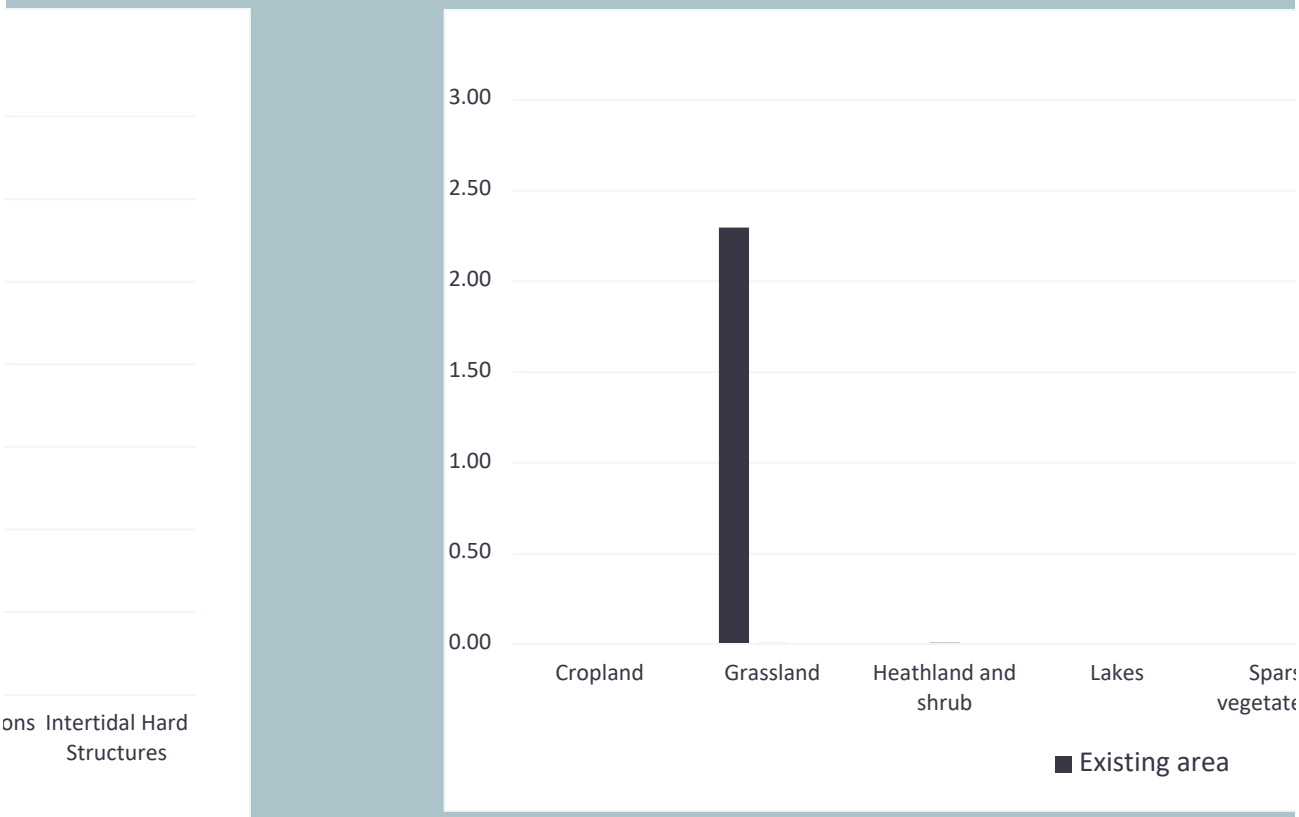
Combined Biodiversity Unit change

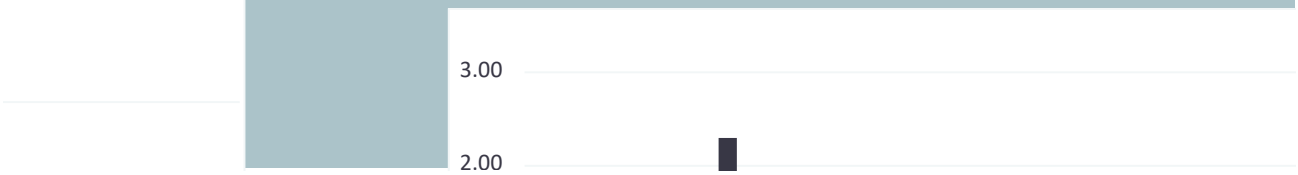
ner Rivers and Streams
Ditches
Canals
Onsite Unit change
Existing value off-site
Proposed value off-site
Off-site

ory

On-site and off-site habitat retention by cate

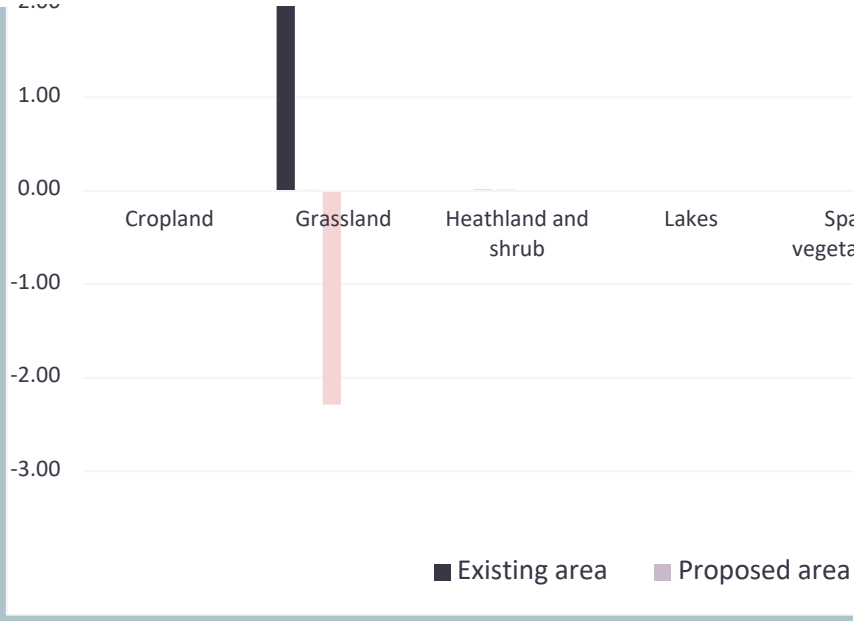

area (hectares)
V.High
High
Medium
Low
V.Low
2.50
2.00
1.50
1.00
0.50
0.00
0.59
0.00
Area / length retained
Area / length proposed for enhancement


3.00
2.50
2.00
1.50
1.00
0.50
0.00
ons Intertidal Hard Structures
Cropland
Grassland
Heathland and shrub
Lakes
Existing area


3.00
2.00

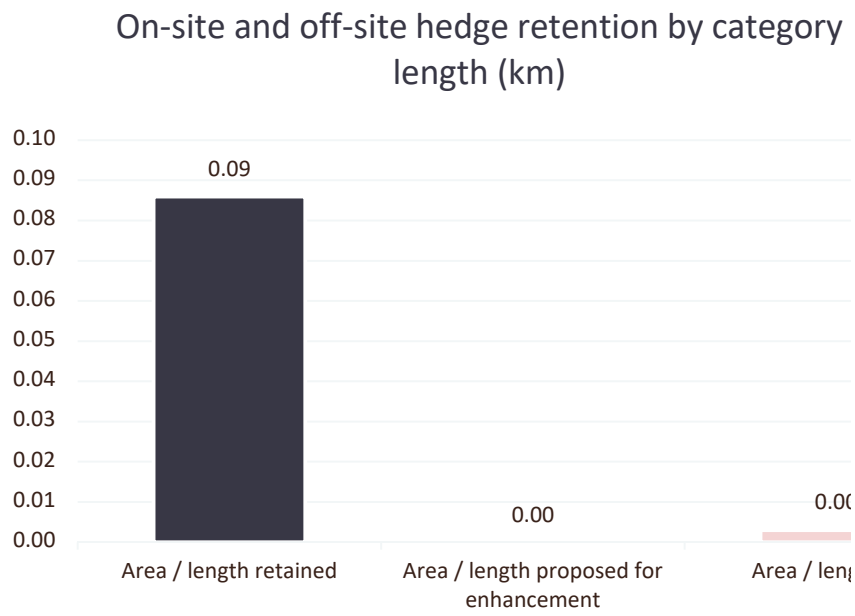
agoons Intertidal Hard Structures

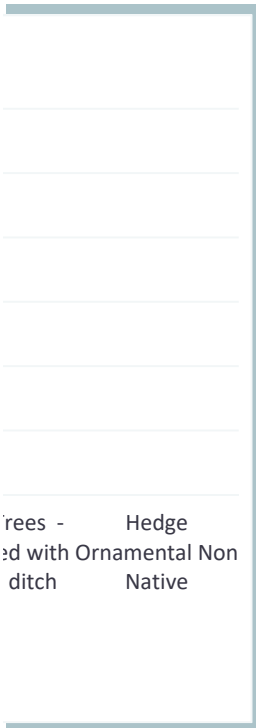
ng value



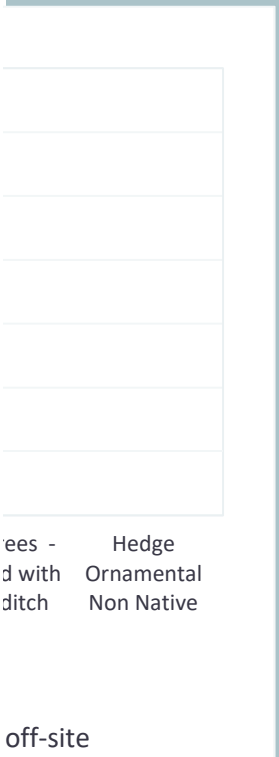
egory

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




rees -
ed with
ditch
Hedge
Ornamental
Native
Non

On site
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
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
Existing length on-site
Pr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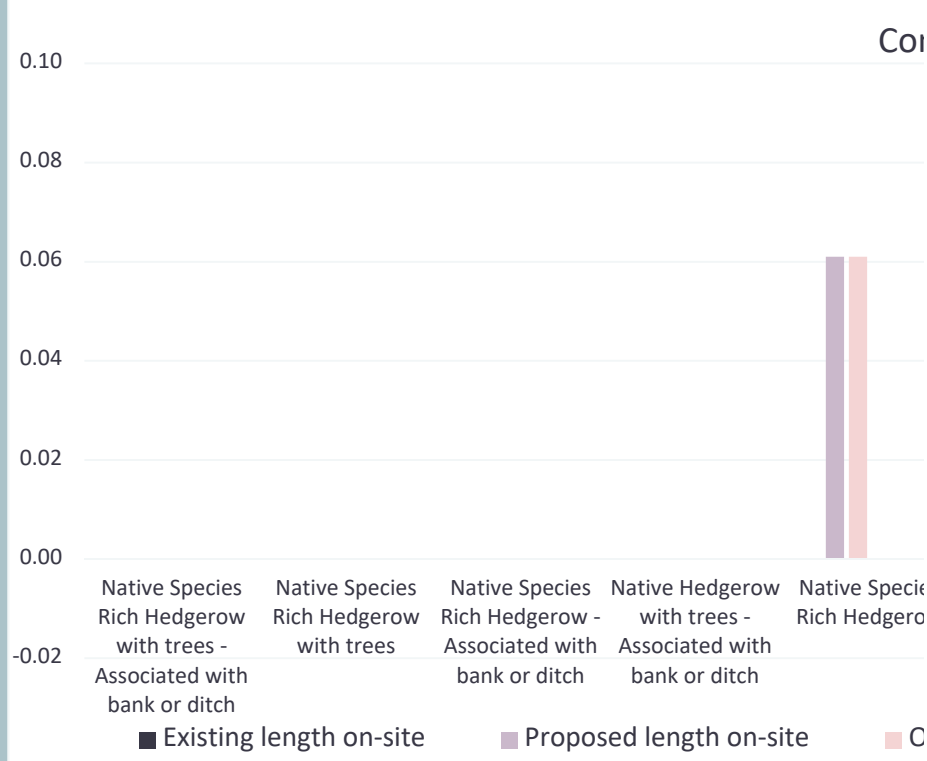
Non Native
off-site


Co
0.10
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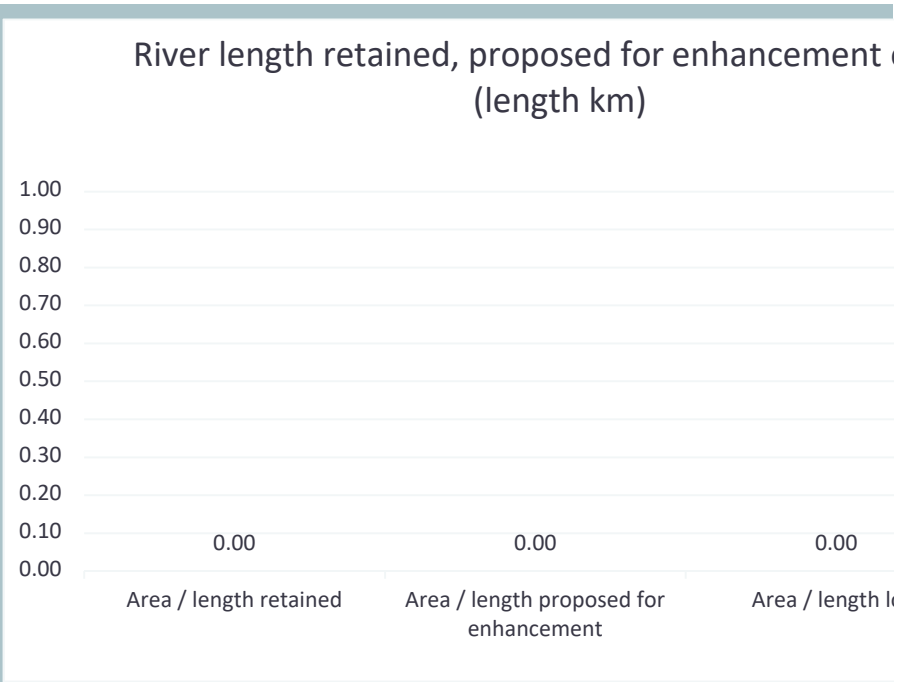
Native Species Rich Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow with trees
Native Species Rich Hedgerow - Associated with bank or ditch
Native Hedgerow with trees - Associated with bank or ditch
Native Specie Rich Hedgero
Existing length on-site
Proposed length on-site
C

V.High

High

Medium

Low



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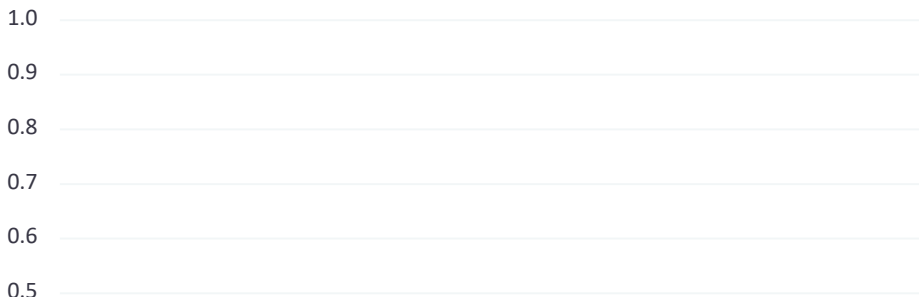
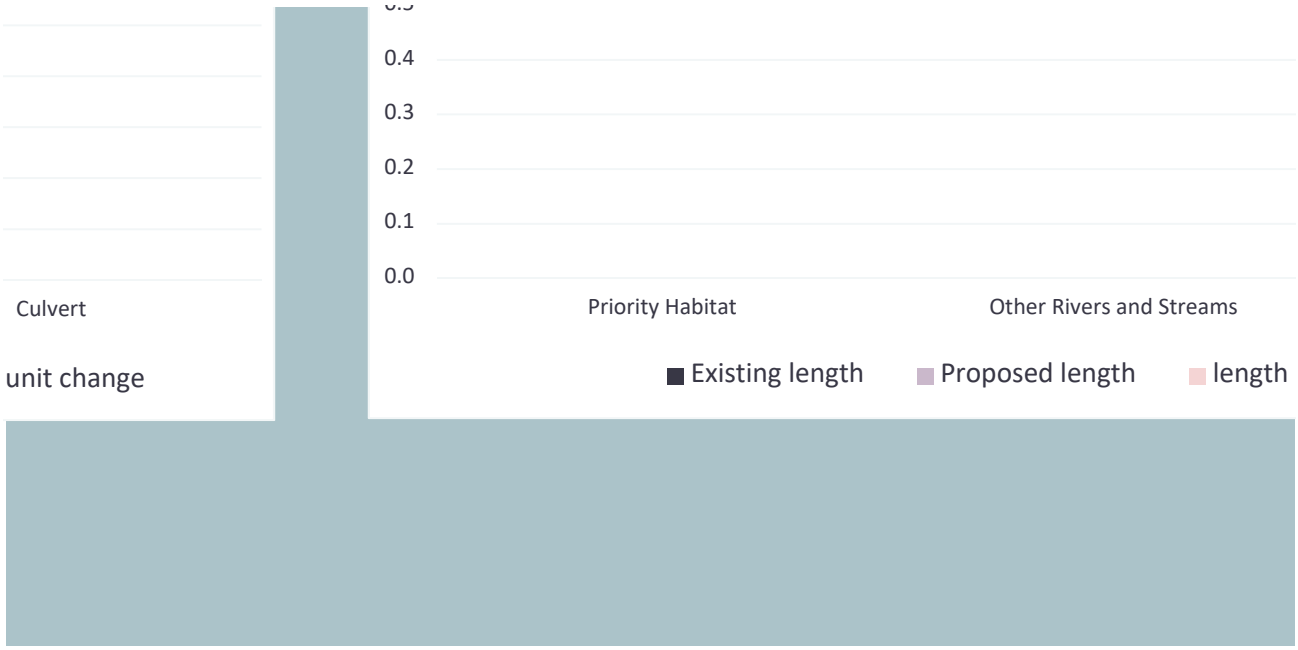
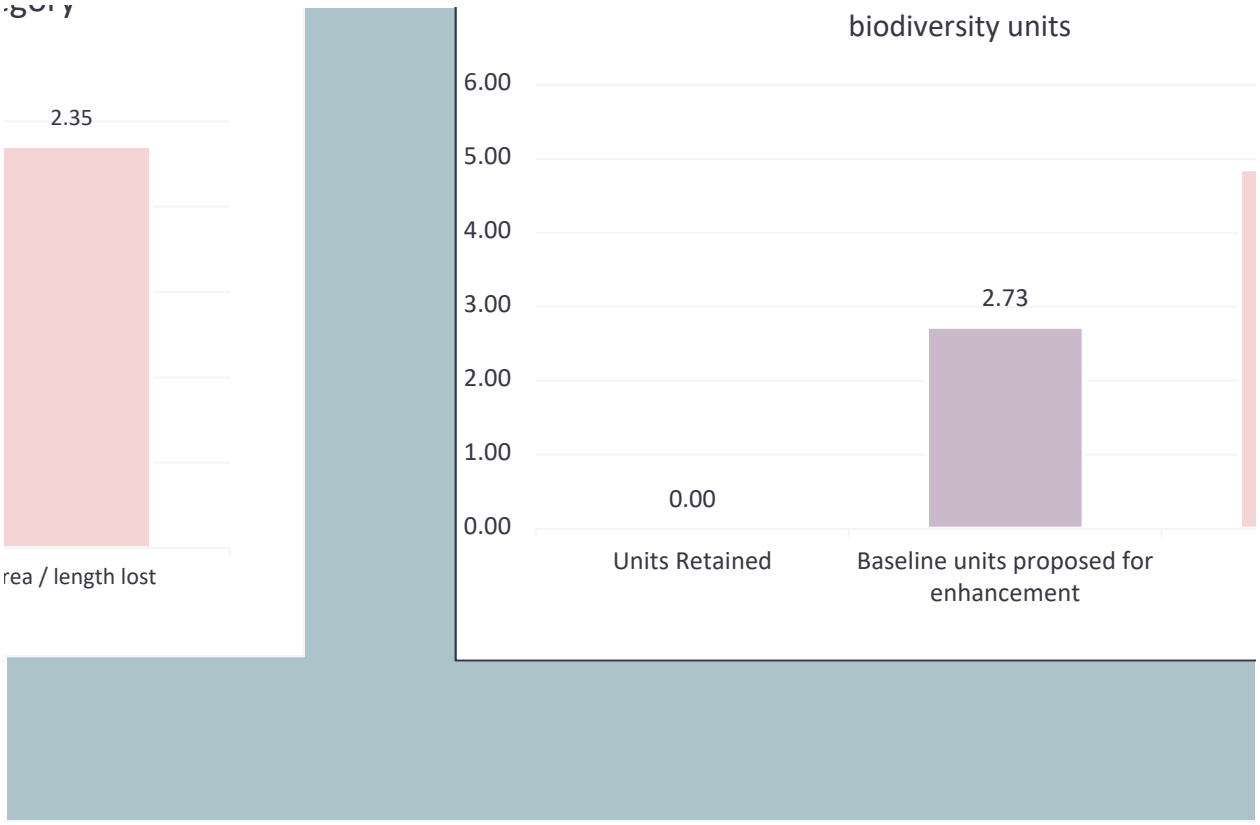


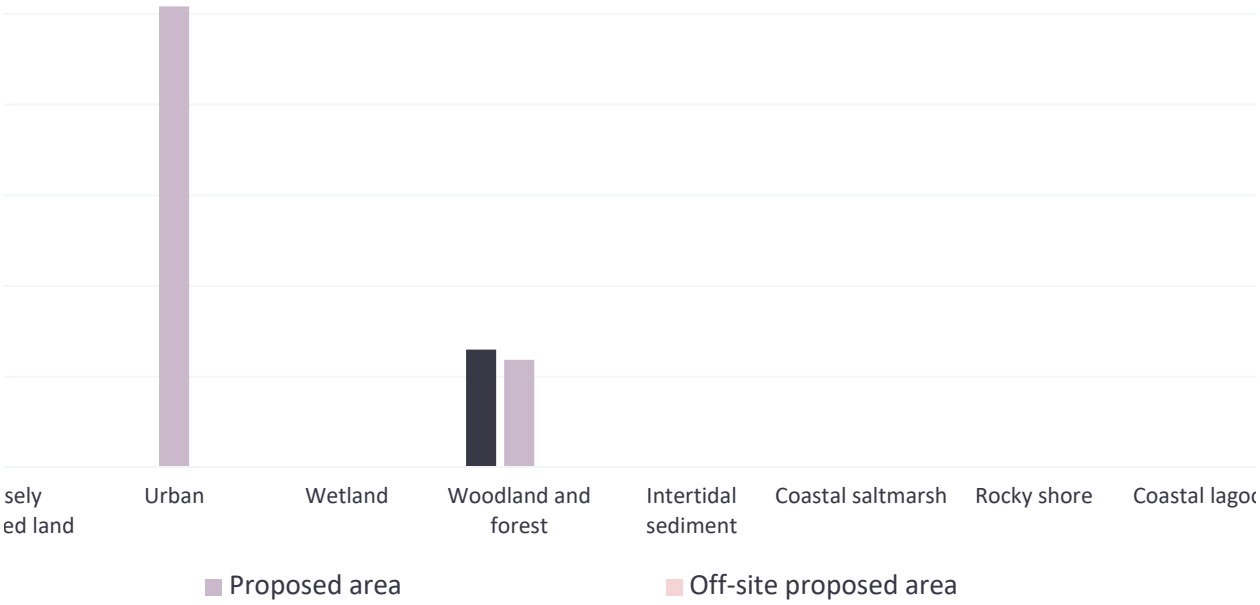

0.4
0.3
0.2
0.1
0.0
Culvert
Priority Habitat
Other Rivers and Streams
unit change
Existing length
Proposed length
length

egory

On-site and off-site habitat retention category



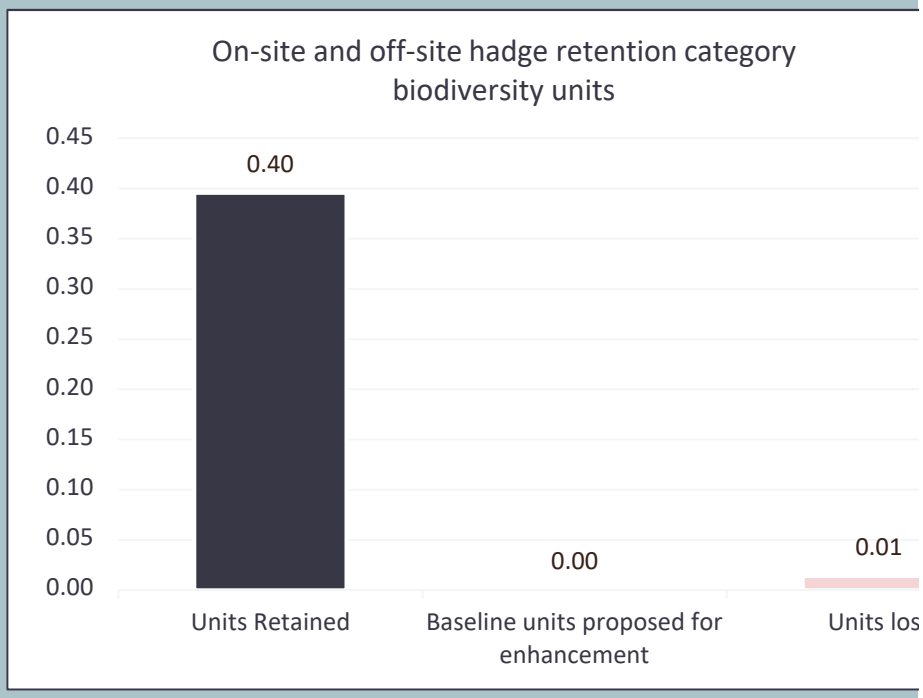
On site area change by habitat group



Combined habiat area change

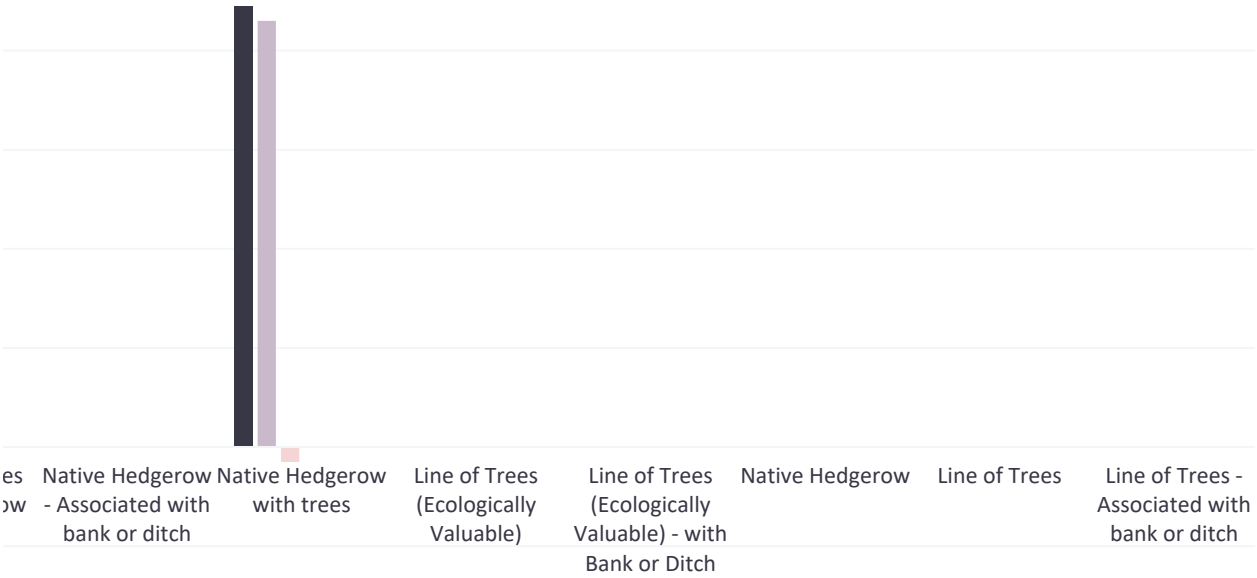
arsely
ated land
Urban
Wetland
Woodland and forest
Intertidal sediment
Coastal saltmarsh
Rocky shore
Coastal la
Area change
Off-site area change
Off-site proposed area
Existing area

0
gth lost


On-site and off-site hadge retention category biodiversity units
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.40
0.00
0.01
Units Retained
Baseline units proposed for enhancement
Units los

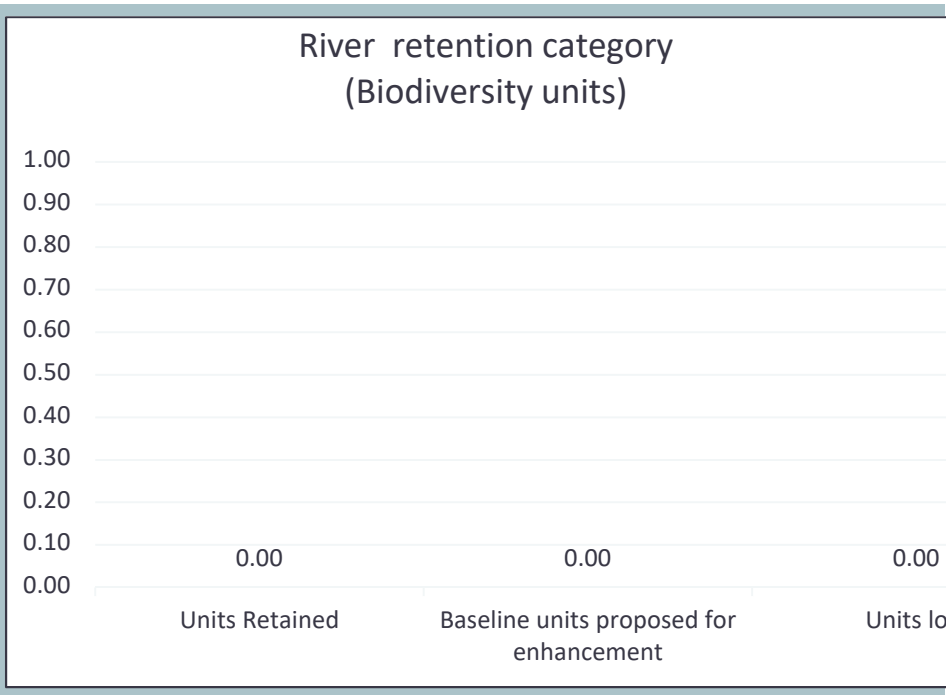
length change by hedgerow length (km)

mbined hedgerow length change (km)



or lost

ost



Length change by river type

Ditches

Canals

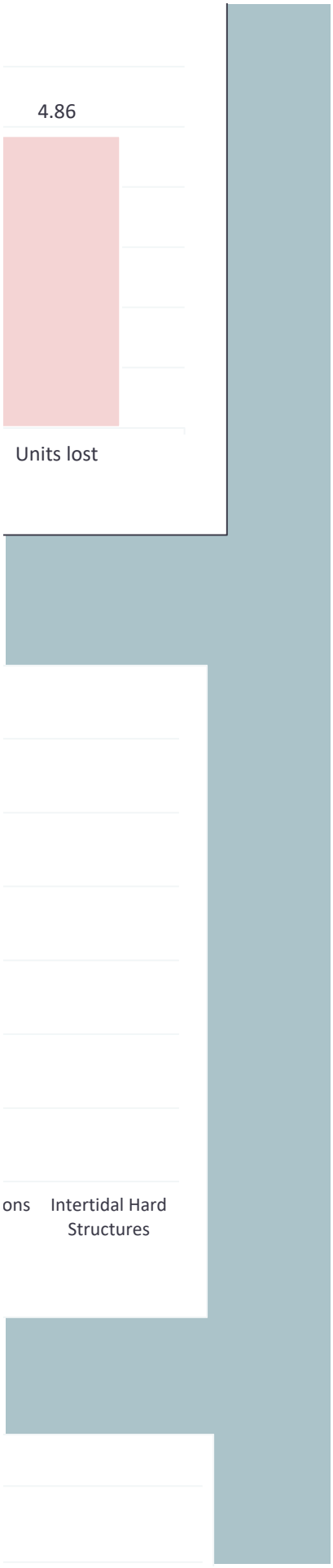
Culvert

Proposed length off-site

Existing length off-site

Combined river length change

Ditches
Canals
Culvert
change
Existing length off-site
Proposed length off-site
Off-site length change


4.86
Units lost
ons
Intertidal Hard Structures

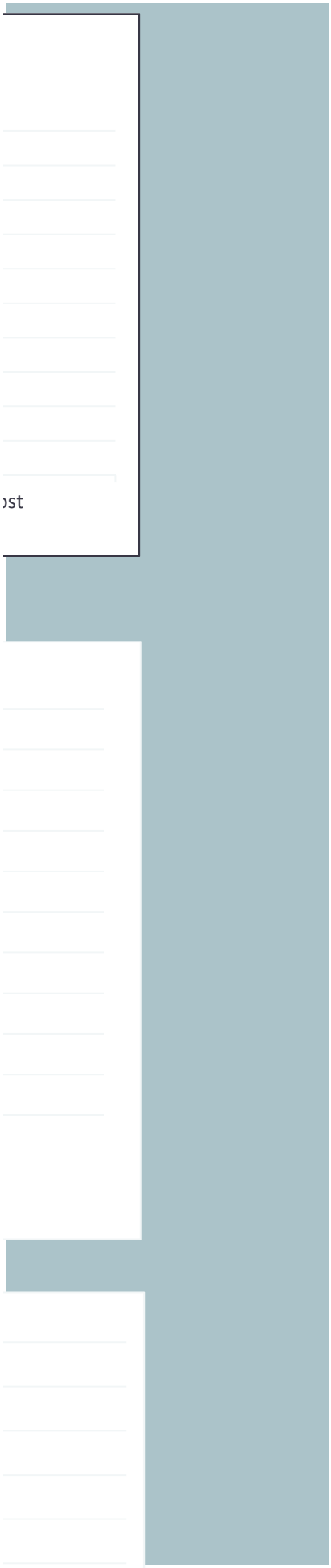
goons Intertidal Hard Structures

st

Hedge
ıamental Non
Native

Hedge
Ornamental Non
Native

th off-site



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 Disti

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

istinctiveness

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**

inctiveness

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
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**

stinctiveness

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	0.00	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	0.13	0.00	0.13
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	3.56	0.00	3.56
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
	3.76	0.00	3.76

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	-4.60	0.00	-4.60
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	0.76	0.00	0.76
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	1.08	0.00	1.08
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
	-2.76		-2.76

Trading Satisfied?
Yes
Yes
Yes
Yes

Unit Losses
0.00

Very High Distinctiveness Summ

Very High Distinctiveness Units available to offset lower distinctiveness defecit

Losses not yet accounted for

High Distinctiveness Summar

High Distinctiveness Units available to offset lower distinctiveness defecit
Unit Defecit; Like for like not satisfied

0.00

Cumulative Broad Habitat Change

Medium Distinctiveness Summa

Medium Distinctiveness Units available to offset lower distinctiveness defecit
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up

0.00
0.08
0.13
0.00
0.00
0.00
3.56
0.00

Higher distinctiveness surplus units miunus Medium Distinctivenss Broad Habitat Defecit
Cumulative surplus of units

Low Distinctiveness Summar

Low Distinctiveness Net Change in Units
Cumulative surplus of units

nary

0.00

y

0.00

0.00

ary
3.76
0.00

0.00

3.76

y

-2.76

1.00

Lan

Condense / Show C

Main Menu

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

d 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	2.2977
	2.95

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

ficance		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	4.60
			7.59

Retention category biodiversity value					
Area retained	**Area enhanced**	**Baseline units retained**	**Baseline units enhanced**	**Area lost**	**Units lost**
0	0.5929	0.00	2.73	0.06	0.26
0	0	0.00	0.00	2.30	4.60
0.00	**0.59**	**0.00**	**2.73**	**2.35**	**4.86**

Bespoke compensation agreed for unacceptable losses	Comm
	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.

nents

Reviewer comments

La

Condense / Show

Main Me

Broad Habitat
Urban
Urban
Urban
Heathland and shrub
Grassland
Urban

and off Primrose Lane, Hightown, Liversedge

A-2 Site Habitat Creation

v Columns | Condense / Show Rows

nu | Instructions

Proposed habitat	Area (hectares)
Developed land; sealed surface	1.3024
Vegetated garden	0.558
Urban Tree	0.2075
Mixed scrub	0.013
Other neutral grassland	0.009
Built linear features	0.4723
Total area	2.35

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

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
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

Post development/ post intervention habitats		
Standard time to target condition/years	Habitat created in advance/years	Delay in starting habitat creation/years
0		
1		
27	5	
10		
10		
0		

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
Check details - Is there evidence habitat creation started/in place?	22	0.457
Standard time to target condition applied	10	0.700
Standard time to target condition applied	10	0.700
Standard time to target condition applied	0	1.000

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	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	Con Assessor comments
0.00	
1.08	
0.76	Extra heavy standards to be used
0.13	Native woodland understory 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. Derelict field to have bramble scrub and poor neutral grassland and seeded with wildflower mix.
0.00	
2.04	

nments

Reviewer comments

Land off Primrose Lane, Hightown, Liversedge

A-3 Site Habitat Enhancement

Condense / Show Columns | Condense / Show Rows

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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

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

osed Habitat (Pre-Populated but can be overridden)
Proposed habitat
Other woodland; broadleaved

Change in distinctiveness and condition		Area (hectares)
Distinctiveness change	Condition change	
Medium - Medium	Poor - Good	0.5929
		0.59

			Post d
Distinctiveness	**Score**	**Condition**	**Score**
Medium	4	Good	3

levelopment/ 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 multip	
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	6.55	Woodland management to include creation of ride in location of water pipe easement with 188m2 (0.018ha) of woodland understorey planting, 734m2 (0.0734ha) of woodland wildflowers and 520m2 (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.
		6.55	

ments
Reviewer comments

B-1 Site Hedge B

Condense / Show C

Main Menu

Baseline ref	Hedge number
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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	Retention category biodiversity valu			
	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced
Like for like or better	0.41	0.086	0	0.40	0.00

	0.41	**0.09**	**0.00**	**0.40**	**0.00**

ue		Comn
Length lost	Units lost	Assessor comments
0.00	0.01	

0.00	0.01	

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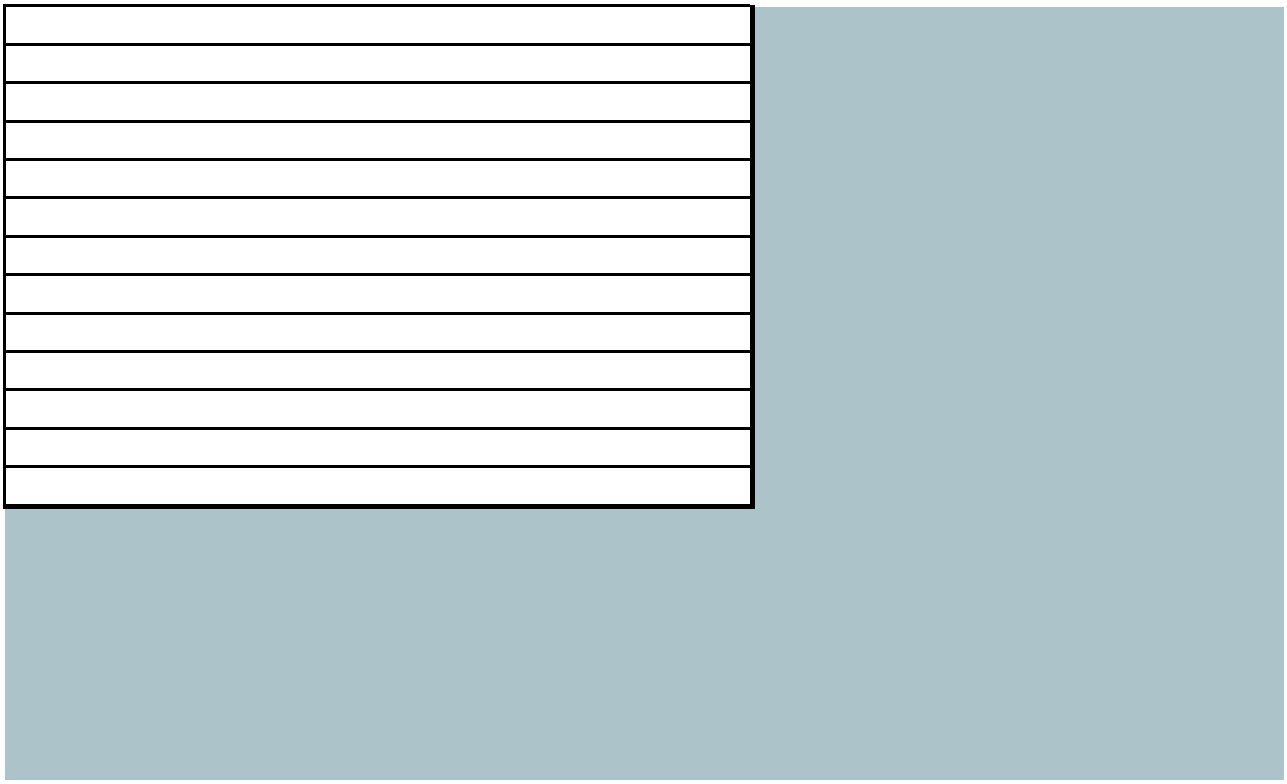
Reviewer comments



B-2 Site Hedge C

Condense / Show

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Creation

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Proposed habitats	
Habitat type	**Length km**
Native Species Rich Hedgerow	0.061

	0.06

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

poral 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

Difficulty risk multipliers			Hedge units delivered
Applied difficullty multiplier	Final difficulty of creation	Difficulty multiplier applied	
Standard difficulty applied	Low	1	0.55

			0.55

Comments	
Assessor comments	**Reviewer comments**
61m created at the periphery of Mr Atkins northern field boundary.	

Land off Primrose Lane, Hightown, Liversedge

B-3 Site Hedge Enhancement

Condense / Show Columns

Condense / Show Rows

Main Menu

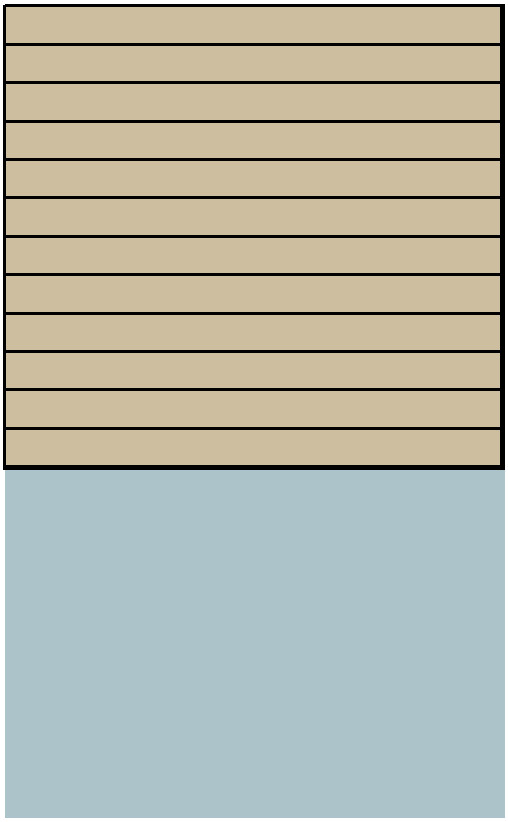
Instructions

Baseline ref	Baseline habitat	Length KM

Baseline Habitats			
Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score

Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units

Suggested action



Proposed (Pre-Populated but can be overridden)

Change in distinctiveness and condition		Length KM
Distinctiveness movement	Condition movement	

		0.00

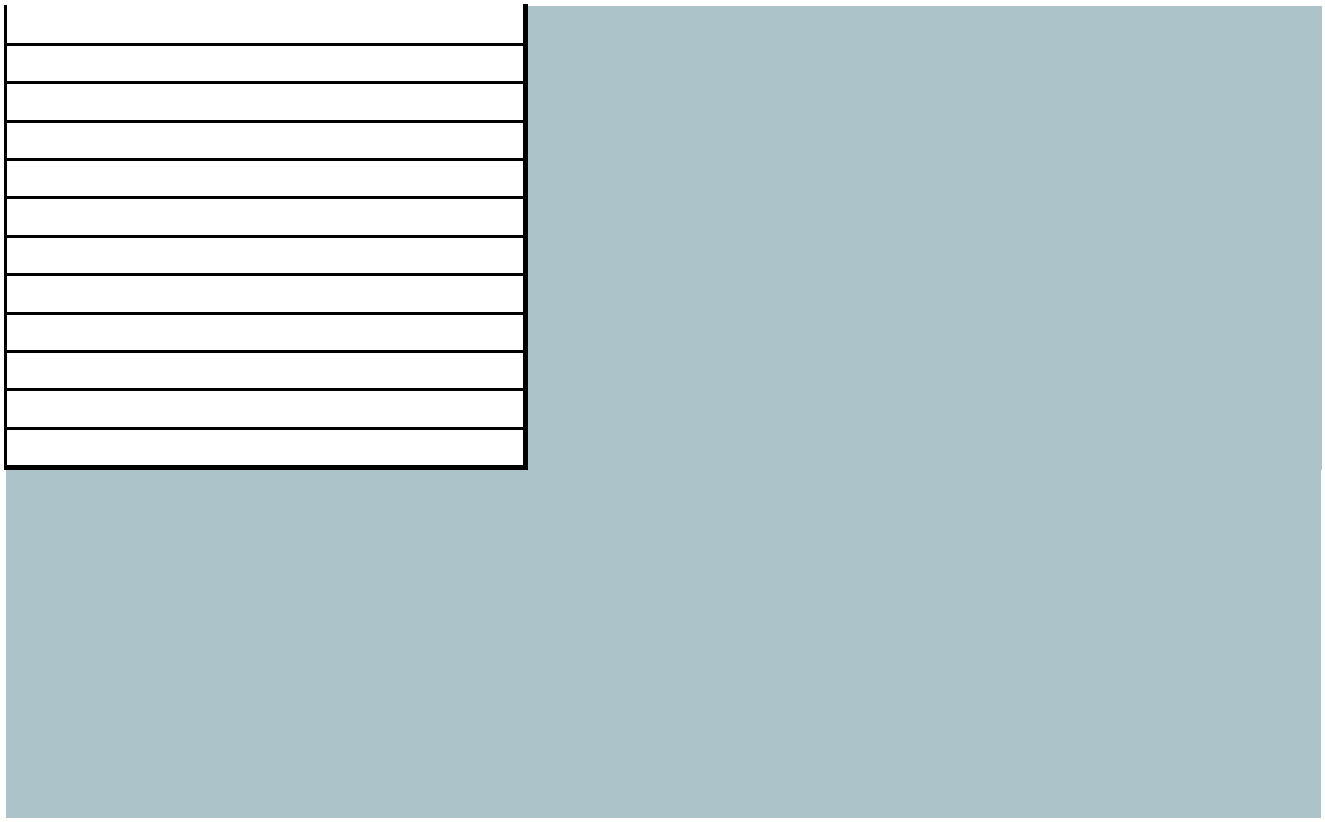
Distinctiveness		Condition	
Distinctiveness	Score	Condition	Score

Post development/ post intervention habitats			
Strategic significance			
Strategic significance	Strategic significance	Strategic position multiplier	Standard Time to target condition/years

Temporal multiplier		
Habitat enhanced in advance/years	Delay in starting habitat enhancement/years	Standard or adjusted time to target condition

		Difficulty risk	
Final time to target condition/years	Final Time to target multiplier	Standard difficulty of enhancement	Applied difficullty multiplier

multipliers		Hedge units delivered	Comm
Final difficulty of enhancement	Difficulty multiplier applied		Assessor comments

		0.00	

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Reviewer comments