

The Statutory Biodiversity Metric

Auditing and accounting for biodiversity

Calculation Tool

Version 1.0.3

[Open Tool](#)

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The Statutor

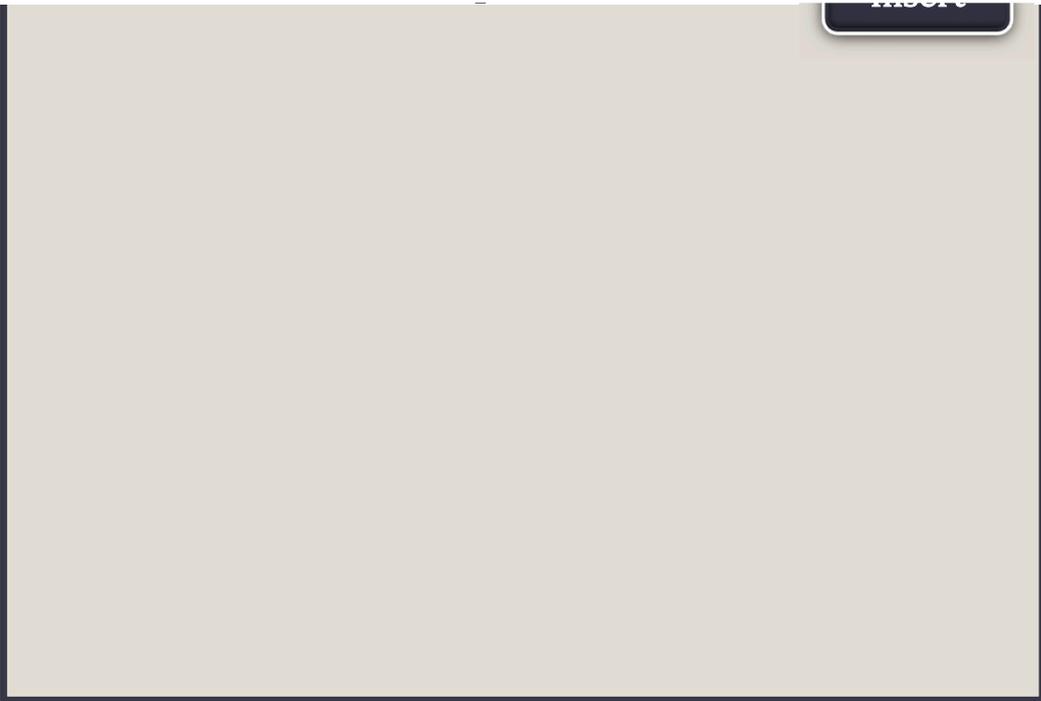
Project details	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Completed by:	R
Date of metric completion:	
Reviewer:	J
Calculation iteration:	
Planning authority reviewer:	
Date of planning authority review:	
Target % net gain:	10%
Irreplaceable habitat present at baseline:	
Total site area - including irreplaceable habitat area (hectares):	0.09
Total off-site area - including irreplaceable habitat area (hectares):	N/A

Cell style conversion	
⚠	
▲	

On-site baseline map

Insert

Insert



On-site baseline map reference number



Insert

Off-site baseline map reference number

Priority Biodiversity Metric

Start page

Details

Kirklees Metropolitan Borough Council
42 Robin Royd Lane
CRL Architects
South Highley - Ecologist, Brooks Ecological
06 June 2025
Simon Roberts - Ecologist, Brooks Ecological
BM-8481-01A

No ✓	
Irreplaceable habitat site area (hectares):	0.00
Irreplaceable habitat area off-site (hectares):	N/A

Warnings

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

On-site post intervention map

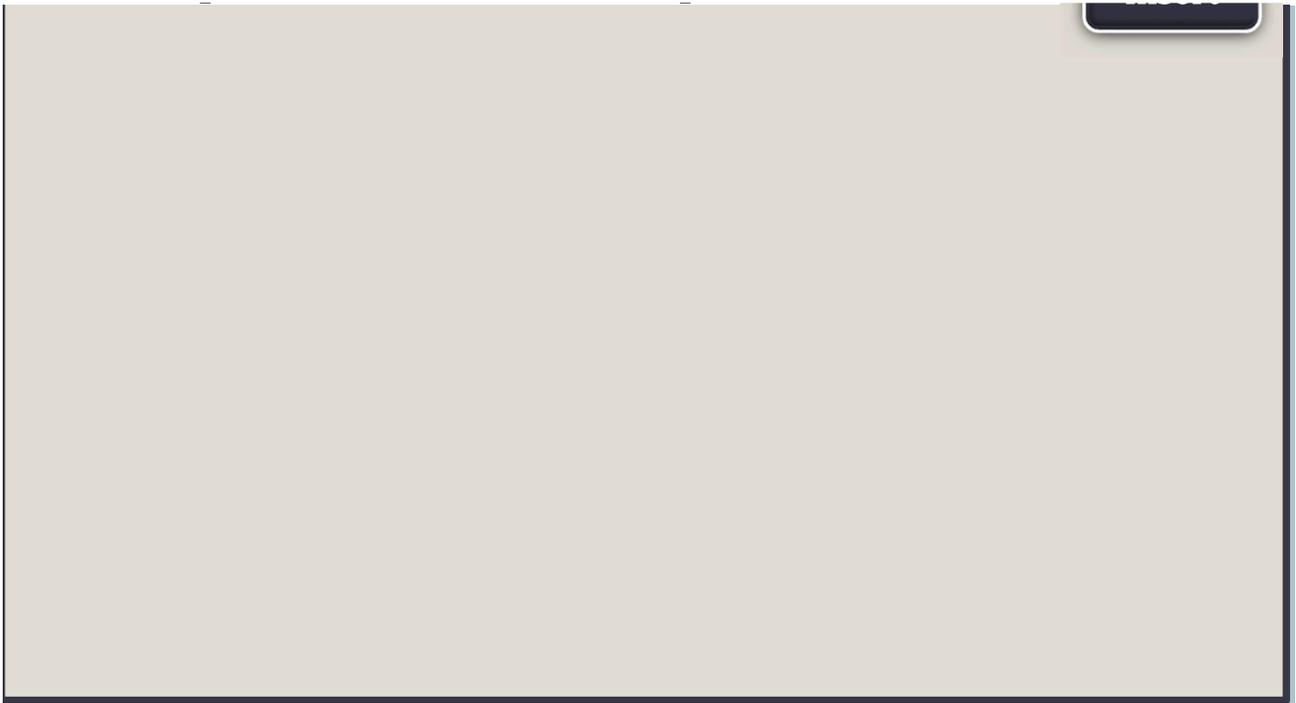
Main menu

Reset

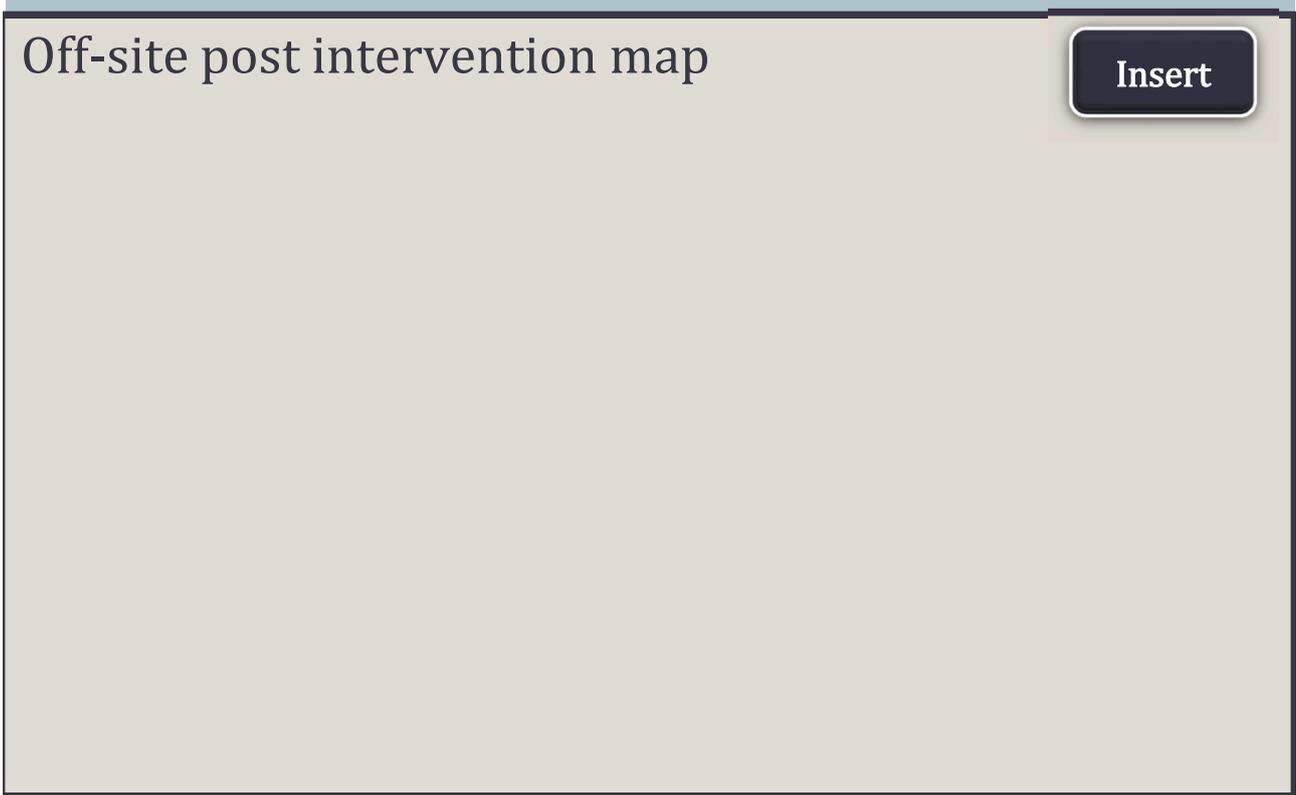
View

Reset

Insert



On-site post-intervention map reference number



Off-site post intervention map

Insert

Off-site post-intervention reference number





menu

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y all

view



The Statutory M

Key



Area habitats



Hedgerows and
lines of trees



Watercourses

Start page

Start here

1



2

On-site baseline

A-1 On-site
Area Habitat
Baseline



B-1
On-site Hedge
Baseline



C-1
On-site Watercourse
Baseline



On-site post development

A-2 On-site Area
Habitat Creation



B-2 On-site Hedge
Creation



C-2 On-site
Watercourse Creation



A-3 On-site Area
Habitat
Enhancement



B-3 On-site Hedge
Enhancement



C-3 On-site Watercourse
Enhancement





Key Biodiversity Metric Main menu

Tree size
Small
Medium
Large
Very large
Total

Technical data

Results

3

Off-site baseline

D-1
Off-site
Area Habitat Baseline



E-1
Off-site Hedge
Baseline



F-1
Off-site Watercourse
Baseline



Off-site

D-2 Off-site Area
Habitat Creation

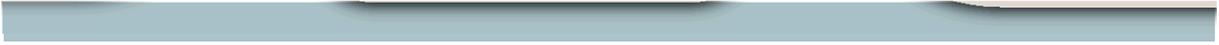


E-2 Off-site Hedge
Creation



F-2 Off-site
Watercourse Crea





tree helper

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

Poor	Area	Moderate	Area	Good	Area
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
	0.0000		0.0000		0.0000
0	0.0000	0	0.0000	0	0.0000

4

te post development

ea
on

D-3 Off-site Area Habitat
Enhancement



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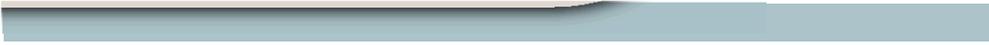
E-3 Off-site Hedge
Enhancement



tion

F-3 Off-site Watercourse
Enhancement





The Statutory Bio Resu

[Return to start
page](#)

[Headline results](#)

[Detailed res](#)

[Off-site
summary](#)

[Irreplacea
habitats sum](#)

diversity Metric lts

sults

Habitat trading
summaries

ble
summary

Unit shortfall
summary



42 Robin Royd Lane

[Return to results menu](#)

Headline Results

Scroll down for final results ⚠

On-site baseline

Habitat units
Hedgerow units
Watercourse units

On-site post-intervention
(Including habitat retention, creation & enhancement)

Habitat units
Hedgerow units
Watercourse units

On-site net change
(units & percentage)

Habitat units
Hedgerow units
Watercourse units

Off-site baseline

Habitat units
Hedgerow units
Watercourse units

Off-site post-intervention
(Including habitat retention, creation & enhancement)

Habitat units
Hedgerow units
Watercourse units

Off-site net change

Habitat units

Off-site net change
(units & percentage)

Hedgerow units

Watercourse units

Combined net unit change

(Including all on-site & off-site habitat retention, creation & enhancement)

Habitat units

Hedgerow units

Watercourse units

Spatial risk multiplier (SRM) deductions

Habitat units

Hedgerow units

Watercourse units

FINAL RESULTS

Total net unit change

(Including all on-site & off-site habitat retention, creation & enhancement)

Habitat units

Hedgerow units

Watercourse units

Total net % change

(Including all on-site & off-site habitat retention, creation & enhancement)

Habitat units

Hedgerow units

Watercourse units

Trading rules satisfied?

No - Check Trade

Unit Type	Target	Baseline Units	Units Required
<i>Habitat units</i>	10.00%	0.84	0.93
<i>Hedgerow units</i>	10.00%	0.00	0.00
<i>Watercourse units</i>	10.00%	0.00	0.00

Input errors/rule breaks present in metric ▲

0.84
0.00
0.00

0.07
0.00
0.00

-0.77	-91.74%
0.00	0.00%
0.00	0.00%

On-site net gain is less than target set Δ

0.00
0.00
0.00

0.00
0.00
0.00

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

0.00	0.00%
0.00	0.00%

-0.77
0.00
0.00

0.00
0.00
0.00

--

-0.77
0.00
0.00

-91.74%
0.00%
0.00%

Total net gain achieved is less than target set ▲

ing Summaries ▲

Unit Deficit

0.86

0.00

0.00

No additional hedgerow units required to meet target ✓

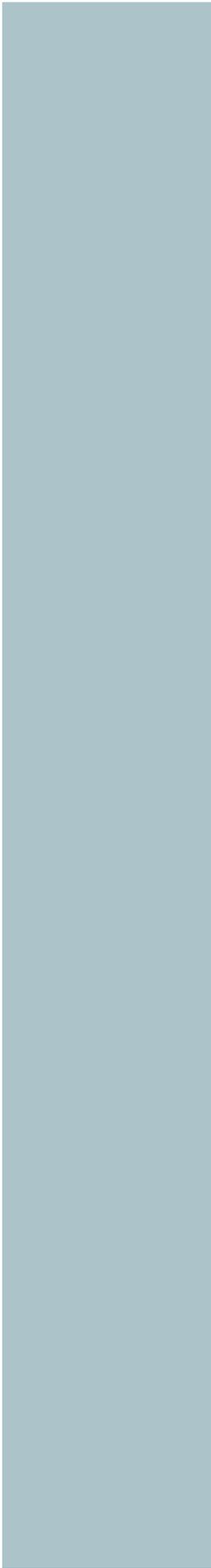
No additional watercourse units required to meet target ✓

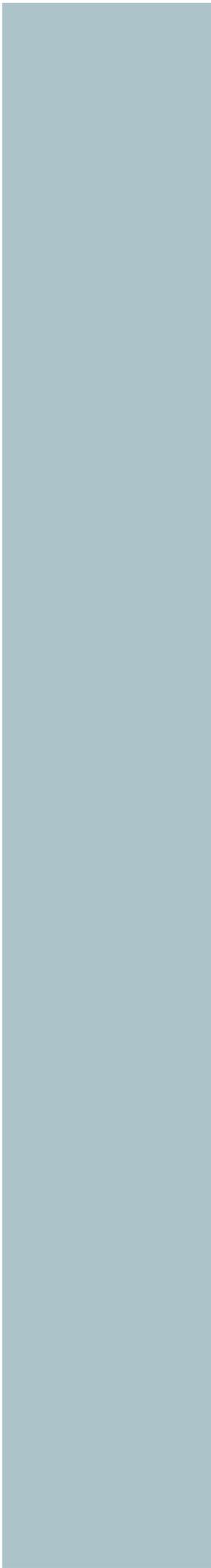


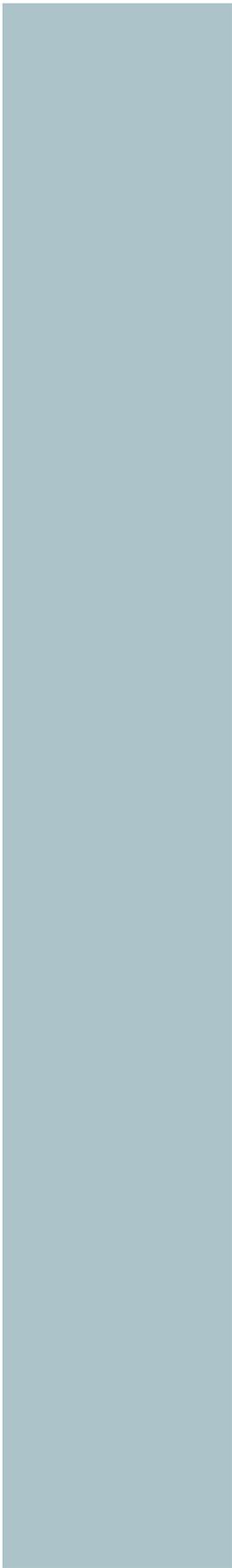
Return to
results
menu

Trading
summary
hedgerows

Trading
summary
watercourses







Tradi

Distinctiveness Group

Very High

High

Medium

Low

Very Hig

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

Habitat group
Grassland - Traditional orchards
Grassland - Floodplain wetland mosaic and CFGM
Grassland - Lowland calcareous grassland
Grassland - Tall herb communities (H6430)
Grassland - Upland calcareous grassland
Heathland and shrub - Lowland Heathland
Heathland and shrub - Dunes with sea buckthorn (H2160)
Heathland and shrub - Upland heathland
Lakes - High alkalinity lakes
Lakes - Low alkalinity lakes
Lakes - Marl lakes
Lakes - Moderate alkalinity lakes
Lakes - Peat lakes
Lakes - Ponds (priority habitat)
Lakes - Temporary lakes ponds and pools (H3170)
Sparsely vegetated land - Coastal sand dunes
Sparsely vegetated land - Coastal vegetated shingle
Sparsely vegetated land - Inland rock outcrop and scree habitats
Sparsely vegetated land - Maritime cliff and slopes
Urban - Open mosaic habitats on previously developed land
Wetland - Reedbeds
Woodland and forest - Felled/Replacement for felled woodland
Woodland and forest - Lowland beech and yew woodland
Woodland and forest - Lowland mixed deciduous woodland
Woodland and forest - Native pine woodlands
Woodland and forest - Upland birchwoods
Woodland and forest - Upland mixed ashwoods
Woodland and forest - Upland oakwood
Woodland and forest - Wet woodland
Coastal lagoons - Coastal lagoons
Rocky shore - High energy littoral rock
Rocky shore - Moderate energy littoral rock
Rocky shore - Low energy littoral rock
Rocky shore - Features of littoral rock
Intertidal sediment - Littoral mud
Intertidal sediment - Littoral mixed sediments
Coastal saltmarsh - Saltmarshes and saline reedbeds
Intertidal sediment - Littoral biogenic reefs - Mussels
Intertidal sediment - Littoral biogenic reefs - Sabellaria
Intertidal sediment - Features of littoral sediment
Intertidal sediment - Littoral muddy sand
Intertidal sediment - Littoral seagrass

Medium

Habitat group

Cropland - Arable field margins cultivated annually

Cropland - Arable field margins game bird mix

Cropland - Arable field margins pollen and nectar

Cropland - Arable field margins tussocky

Grassland - Other lowland acid grassland

Grassland - Other neutral grassland

Grassland - Upland acid grassland

Heathland and shrub - Blackthorn scrub

Heathland and shrub - Bramble scrub

Heathland and shrub - Gorse scrub

Heathland and shrub - Hawthorn scrub

Heathland and shrub - Willow scrub

Heathland and shrub - Hazel scrub

Heathland and shrub - Mixed scrub

Lakes - Ponds (non-priority habitat)

Lakes - Reservoirs

Sparsely vegetated land - Other inland rock and scree

Urban - Cemeteries and churchyards

Urban - Biodiverse green roof

Individual trees - Urban tree

Individual trees - Rural tree

Woodland and forest - Other Scot's pine woodland

Woodland and forest - Other woodland; broadleaved

Woodland and forest - Other woodland; mixed

Intertidal sediment - Littoral coarse sediment

Intertidal sediment - Littoral sand

Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI)

Low D

Habitat group

Cropland - Cereal crops

Cropland - Horticulture

Cropland - Intensive orchards

Cropland - Non-cereal crops

Cropland - Temporary grass and clover leys

Cropland - Winter stubble

Grassland - Modified grassland

Grassland - Bracken

Heathland and shrub - Rhododendron scrub

Lakes - Ornamental lake or pond

Sparsely vegetated land - Ruderal/ephemeral

Sparsely vegetated land - Tall forbs

Urban - Bioswale

Urban - Bare ground

Urban - Allotments

Urban - Facade-bound green wall

Urban - Ground based green wall

Urban - Ground level planters

Urban - Other green roof

Urban - Intensive green roof

Urban - Introduced shrub

Urban - Rain garden

Urban - Actively worked sand pit quarry or open cast mine

Urban - Sustainable drainage system

Urban - Vacant or derelict land

Urban - Vegetated garden

Woodland and forest - Other coniferous woodland

Coastal saltmarsh - Artificial saltmarshes and saline reedbeds

Intertidal sediment - Artificial littoral coarse sediment

Intertidal sediment - Artificial littoral mud

Intertidal sediment - Artificial littoral sand

Intertidal sediment - Artificial littoral muddy sand

Intertidal sediment - Artificial littoral mixed sediments

Intertidal sediment - Artificial littoral seagrass

Intertidal sediment - Artificial littoral biogenic reefs

Intertidal hard structures - Artificial hard structures

Intertidal hard structures - Artificial features of hard structures

Heathland and shrub - Other sea buckthorn scrub

ng Summary

Trading Rule

Same habitat required – bespoke compensation option Δ

Same habitat required =

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

Same distinctiveness or better habitat required \geq

h Distinctiveness

Group	On-site unit change	Off-site unit change	Project-wide unit change
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Wetland	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
	0.00	0.00	0.00

0.00	0.00	0.00
------	------	------

Distinctiveness

Group	On-site unit change	Off-site unit change	Project wide unit change
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Cropland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Grassland	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00
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	-0.12	0.00	-0.12
Lakes	0.00	0.00	0.00
Lakes	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Urban	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00
Woodland and forest	-0.73	0.00	-0.73
Woodland and forest	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00
	-0.84	0.00	-0.84

Distinctiveness

Group	On-site unit change	Off-site unit change	Pro
Cropland	0.00	0.00	
Grassland	0.00	0.00	
Grassland	0.00	0.00	
Heathland and shrub	0.00	0.00	
Lakes	0.00	0.00	
Sparsely vegetated land	0.00	0.00	
Sparsely vegetated land	0.00	0.00	
Urban	0.07	0.00	
Woodland and forest	0.00	0.00	
Coastal saltmarsh	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal sediment	0.00	0.00	
Intertidal hard structures	0.00	0.00	
Intertidal hard structures	0.00	0.00	
Heathland and shrub	0.00	0.00	
	0.07	0.00	

0.00

Cumulative broad habitat change

0.00

0.00

-0.12



0.00

0.00

0.00

0.00

-0.73



0.00

Very High Distinctiveness Summary

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

High Distinctiveness Summary

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

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00	
Medium Distinctiveness Broad Habitat losses to be offset by trading up	-0.84	⚠
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-0.84	⚠
Cumulative surplus of units	-0.84	⚠

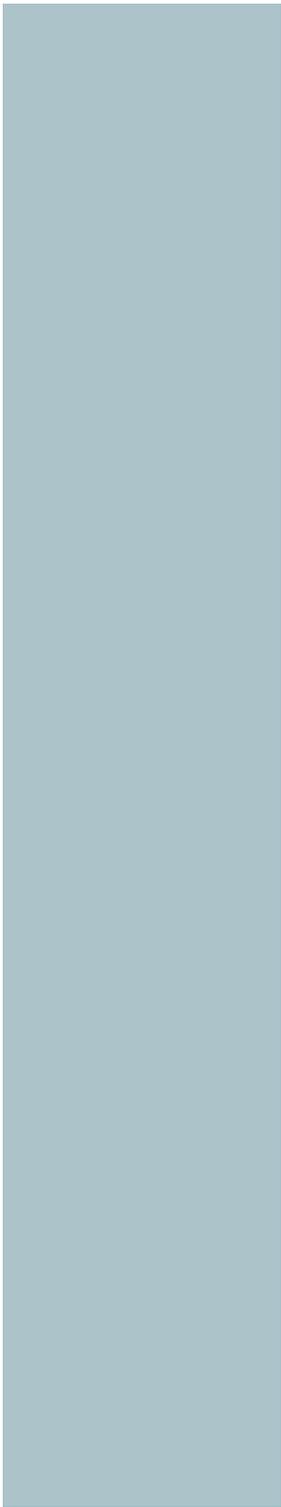
Low Distinctiveness Summary

Low Distinctiveness net change in units	0.07	✓
Cumulative surplus of units	0.07	✓

Return to
results
menu

Trading
summary area
habitats

Trading
summary
watercourses



Tree

Distinctiveness Group

Very High

High

Medium

Low

Very Low

Very High Distinctive

Habitat group

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

High Distinctive

Habitat group

Species-rich native hedgerow with trees

Species-rich native hedgerow - associated with bank or ditch

Native hedgerow with trees - associated with bank or ditch

Medium Distinctive

Habitat group

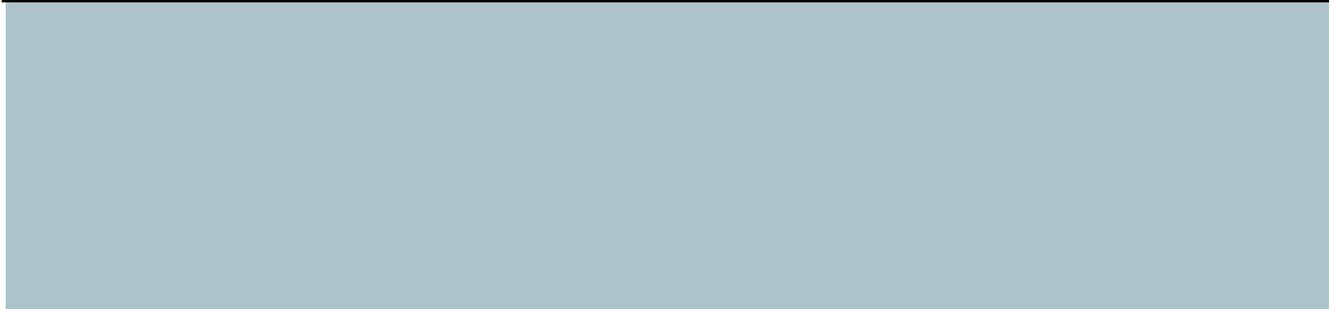
Species-rich native hedgerow
Native hedgerow - associated with bank or ditch
Native hedgerow with trees
Ecologically valuable line of trees
Ecologically valuable line of trees - associated with bank or ditch



Low Distinctive
Habitat group
Native hedgerow
Line of trees
Line of trees - associated with bank or ditch



Very Low Distinctive
Habitat group
Non-native and ornamental hedgerow



Trading Summary

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

ctiveness

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

veness

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

ctiveness

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

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



veness

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



ctiveness

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



Trading Satisfied?

Yes ✓

Yes ✓

Yes ✓

Yes ✓

Yes ✓

Very High Distinctiveness

Very High Distinctiveness Units available to offset lower distinctiveness deficit

Remaining losses; Like for like not satisfied

High Distinctiveness

High Distinctiveness Units available to offset lower distinctiveness deficit

High Distinctiveness losses to be offset by trading up

Higher Distinctiveness surplus units minus any high distinctiveness deficit

Medium Distinctiveness

Units available from higher distinctiveness habitats

Medium Distinctiveness net
change in units

Cumulative availability of units

Low Distinctiveness

Low Distinctiveness net change in
units

Cumulative availability of units

Very Low Distinctiveness

Very Low Distinctiveness net
change in units

Cumulative availability of units

stinctiveness Summary

0.00

0.00

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activeness Summary

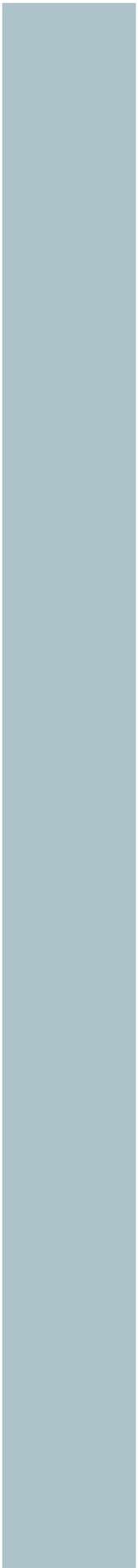
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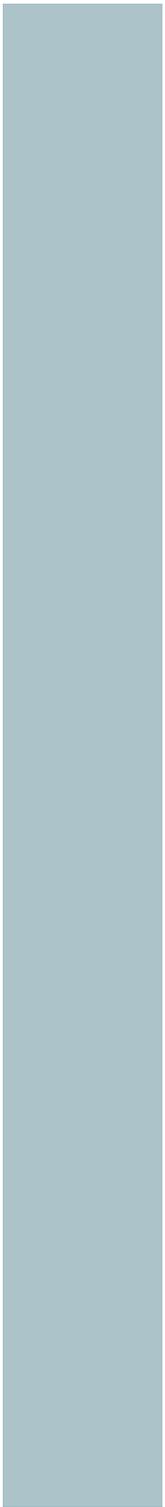
0.00

stinctiveness Summary

0.00

0.00

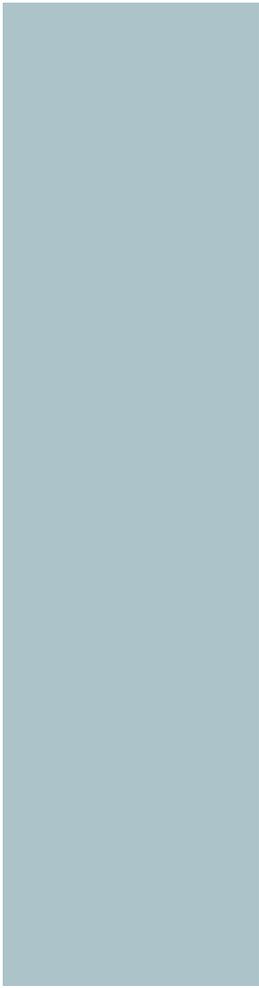




Return to
results
menu

Trading
summary area
habitats

Trading
summary
hedgerows



Distinctiveness Group

Very High

High

Medium

Low

Very High Distinctiv

Habitat group

Priority habitat

High Distinctiven

Habitat group

Other rivers and streams

Medium Distinctiv

Habitat group

Ditches

Canals

Low Distinctiveness

Habitat group

Culvert

Trading Summary

Trading Rule

Same habitat required – bespoke compensation option Δ

Same habitat required =

Same habitat required =

Better distinctiveness habitat required

ness

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

ess

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

ness

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

0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00



ess

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



Trading Satisfied?
Yes ✓
Yes ✓
Yes ✓
Yes ✓

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

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

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00

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

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





Project

Condense

Ma

Ref	Broad Habitat
1	Heathland and shrub
2	Woodland and forest
3	
4	
5	
6	
7	

Name: 42 Robin Royd Lane Map Reference:

A-1 On-Site Habitat Baseline

/ Show Columns

Condense / Show

in Menu

Existing area habitats

Habitat Type
Mixed scrub
Other woodland; broadleaved

Site Area (Excluding area of individual trees, green wall)

M² to hectares conversion tool:

Rows

Area ha
Total Net Unit Change
Total Net % Change
Trading Rules Satisfied

		Distinctiveness	Condition
Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition
No	0.0289	Medium	Poor
No	0.0606	Medium	Good
Total habitat area	0.09		
(s, intertidal hard structures)	0.09		
	Select a unit	Hectares	M²

bitat summary
-0.77
-91.74%
No - check trading summaries ▲

Strategic significance	Required Action to Meet Trading Rules
Strategic significance	
Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required (\geq)
Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required (\geq)

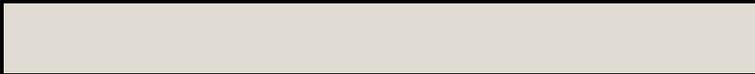
Ecological baseline
Total habitat units
0.12
0.73
0.84

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced
0	0	0.00	0.00
0	0	0.00	0.00
0.00	0.00	0.00	0.00

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)

		Bespoke compensation agreed for losses of VHDH or irreplaceable habitat
Area habitat lost	Units lost	
0.03	0.12	
0.06	0.73	
0.09	0.84	

0.09



User comments

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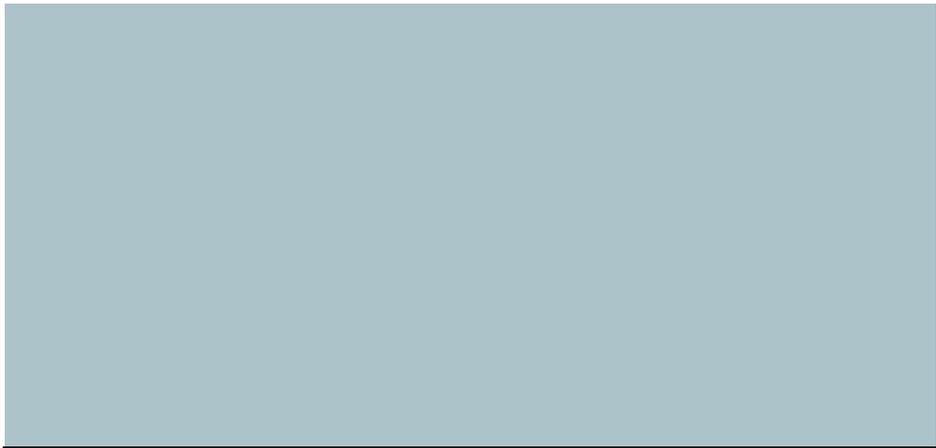
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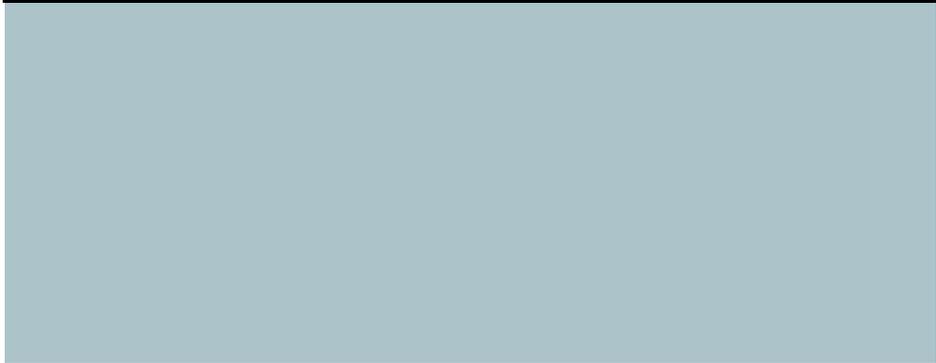
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Comments

Planning authority comments	Habitat reference number



Project

Condense / S

Main

Broad Habitat

Ref

1

Urban

2

Urban

3

4

5

6

7

8

Project Name: 42 Robin Royd Lane Map Reference:

A-2 On-Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

Proposed habitat

Developed land; sealed surface

Vegetated garden

Total habitat area

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)

M² to hectares conversion tool:

Area habitat summary	
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	
Area Check	

Area (hectares)	Distinctiveness		Condition	
	Distinctiveness	Score	Condition	Score
0.0554	V.Low	0	N/A - Other	0
0.034	Low	2	Condition Assessment N/A	1

0.09

0.09

Select a unit	Hectares	M ²

nary
-0.77
-91.74%
No - check trading summaries ▲
Area Acceptable ✓

Strategic significance		
Strategic significance	Strategic significance	Strategic significance multiplier
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
Location ecologically desirable but not in local strategy	Medium strategic significance	1.1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

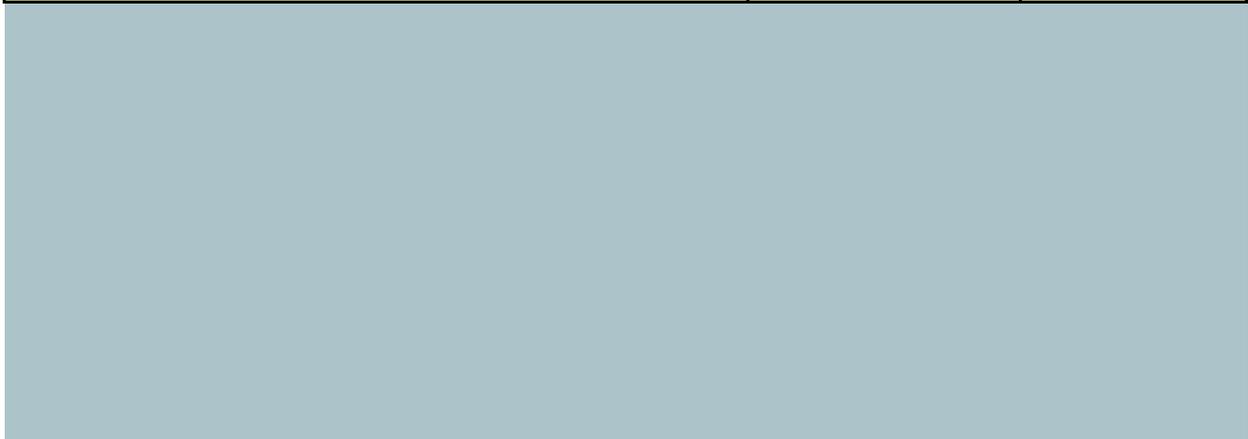
Post intervention habitats

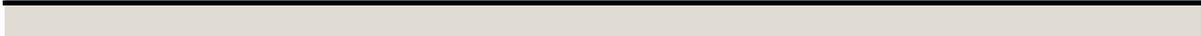
Standard time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)
0	0	1
1	0	1
	0	1



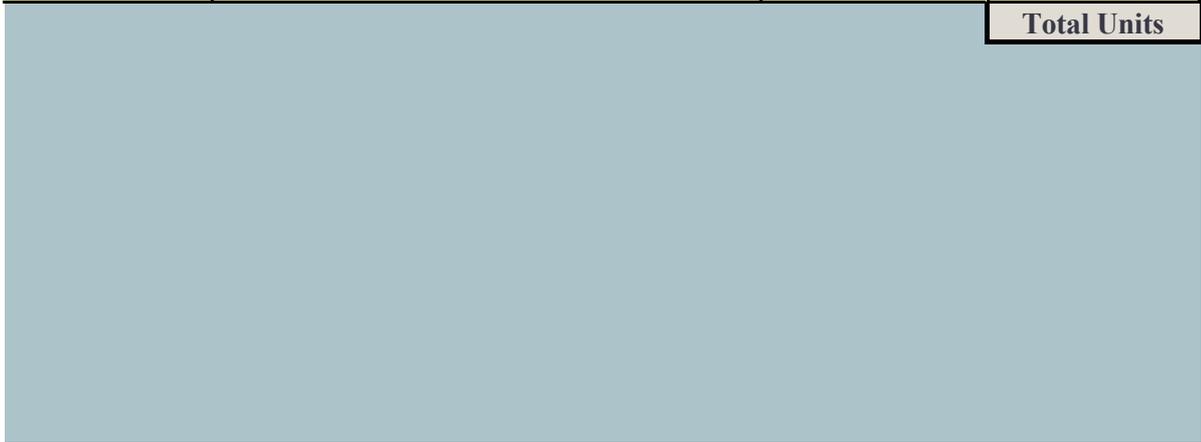
Temporal multiplier

Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier
Standard time to target condition applied	1	0.965
Check details- Delay in starting habitat in required condition? Δ	2	0.931

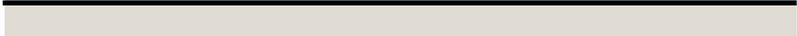




Difficulty multipliers			
Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied
Low	Standard difficulty applied	Low	1
Low	Standard difficulty applied	Low	1



Total Units



Habitat units delivered	User comments
0.00	
0.07	
0.07	



