

# The Statutor

Project details	
Planning authority:	
Project name:	
Applicant:	
Application type:	
Planning application reference:	
Completed by:	
Date of metric completion:	
Reviewer:	
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):	0.48
Total off-site area - including irreplaceable habitat area (hectares):	N/A

Cell style conversion	
⚠	
▲	

On-site baseline map

Insert



# ry Biodiversity Metric

## Start page

### ails

Kirklees Council	
Bath Works	
AK Planning	
Plannign Application	
TBC	
Alex Donovan	
17 February 2025	
Adam West	
Version 1	
TBC	
TBC	
No ✓	
<b>Irreplaceable habitat site area (hectares):</b>	<b>0.00</b>
<b>Irreplaceable habitat area off-site (hectares):</b>	<b>N/A</b>

### entions

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 n

Res

View

Reset

Insert





menu

ults

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

D-3 Off-site Area Habitat Enhancement



E-3 Off-site Hedge Enhancement



F-3 Off-site Watercourse Enhancement





# The Statutory Bio Resu

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[Headline results](#)

[Detailed res](#)

[Off-site  
summary](#)

[Irreplacea  
habitats sum](#)

# diversity Metric lts

sults

Habitat trading  
summaries

ble  
summary

Unit shortfall  
summary



**Bath Works**

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?

Ye

Unit Type	Target	Baseline Units	Units Required
<i>Habitat units</i>	10.00%	0.52	0.58
<i>Hedgerow units</i>	10.00%	0.00	0.00
<i>Watercourse units</i>	10.00%	0.00	0.00

<b>0.52</b>
<b>0.00</b>
<b>0.00</b>

<b>0.59</b>
<b>0.00</b>
<b>0.00</b>

<b>0.06</b>	<b>11.96%</b>
<b>0.00</b>	<b>0.00%</b>
<b>0.00</b>	<b>0.00%</b>

<b>0.00</b>
<b>0.00</b>
<b>0.00</b>

<b>0.00</b>
<b>0.00</b>
<b>0.00</b>

<b>0.00</b>	<b>0.00%</b>
-------------	--------------

<b>0.00</b>	<b>0.00%</b>
<b>0.00</b>	<b>0.00%</b>

<b>0.06</b>
<b>0.00</b>
<b>0.00</b>

<b>0.00</b>
<b>0.00</b>
<b>0.00</b>

--

<b>0.06</b>
<b>0.00</b>
<b>0.00</b>

<b>11.96%</b>
<b>0.00%</b>
<b>0.00%</b>

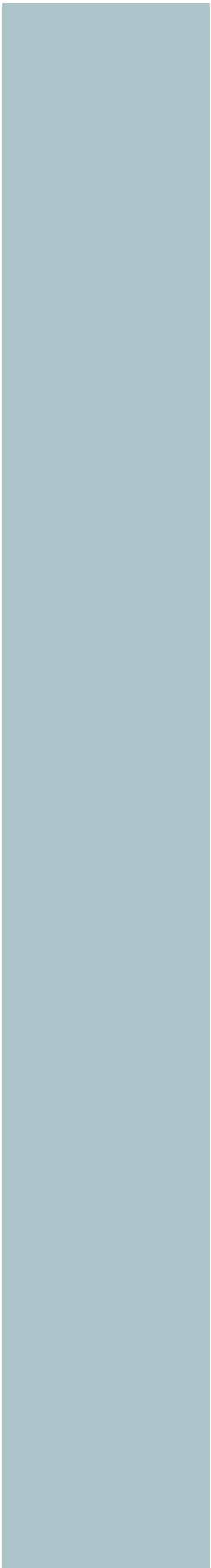
s ✓

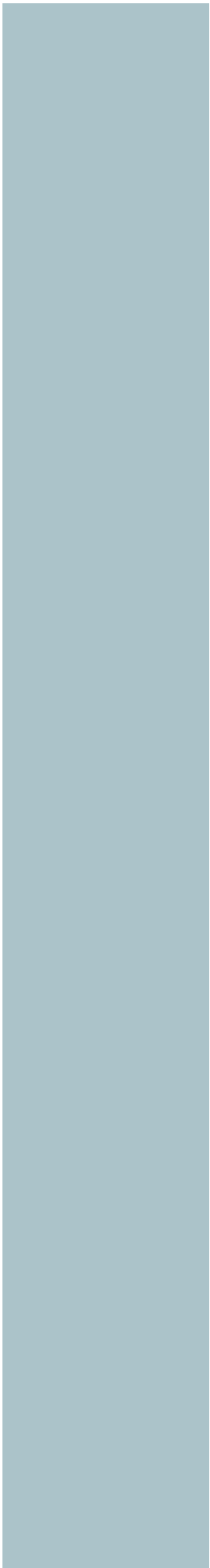
Unit Deficit	
0.00	No additional area habitat units required to meet target ✓
0.00	No additional hedgerow units required to meet target ✓
0.00	No additional watercourse units required to meet target ✓

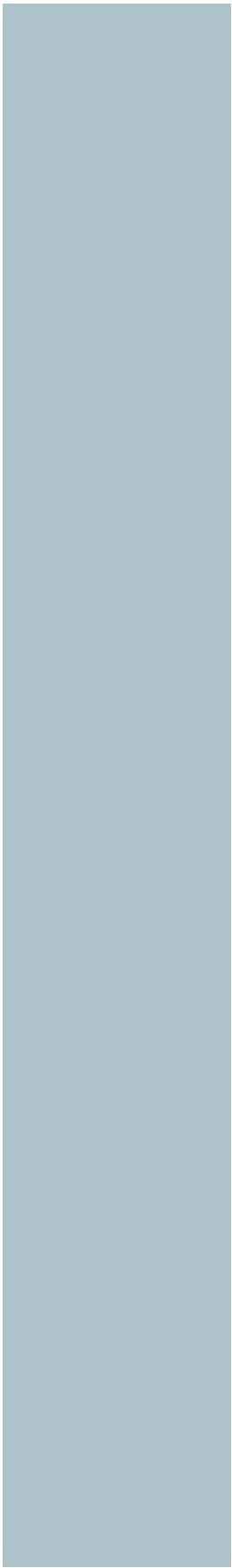
Return to  
results  
menu

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  $\Delta$

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
	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>



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	0.00	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
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	0.13	0.00	0.13
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
	<b>0.13</b>	<b>0.00</b>	<b>0.13</b>

## Distinctiveness

Group	On-site unit change	Off-site unit change	Pro
Cropland	0.00	0.00	
Cropland	0.00	0.00	
Cropland	0.00	0.00	
Cropland	0.00	0.00	
Cropland	0.00	0.00	
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	0.00	0.00	
Urban	-0.07	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	0.00	
Urban	0.00	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	
	<b>-0.07</b>	<b>0.00</b>	









## 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	0.13	✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00	
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00	
Cumulative surplus of units	0.13	✓

## Low Distinctiveness Summary

Low Distinctiveness net change in units	-0.07	⚠
Cumulative surplus of units	0.06	✓

Pro

Condense

Ma

Ref	Broad Habitat
1	Heathland and shrub
2	Urban
3	Urban
4	Urban
5	Urban
6	Woodland and forest
7	Woodland and forest
8	Individual trees
9	
10	
11	
12	
13	

Project Name: Bath Works Map Reference:

## A-1 On-Site Habitat Baseline

/ Show Columns

Condense / Show

in Menu

### Existing area habitats

#### Habitat Type

Mixed scrub

Artificial unvegetated, unsealed surface

Bare ground

Developed land; sealed surface

Introduced shrub

Other woodland; broadleaved

Other woodland; broadleaved

Urban tree

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

M<sup>2</sup> to hectares conversion tool:

Rows

<b>Area ha</b>
<b>Total Net Unit Change</b>
<b>Total Net % Change</b>
<b>Trading Rules Satisfied</b>

		<b>Distinctiveness</b>	<b>Condition</b>
<b>Irreplaceable habitat</b>	<b>Area (hectares)</b>	<b>Distinctiveness</b>	<b>Condition</b>
No	0.0279	Medium	Poor
No	0.1967	V.Low	N/A - Other
No	0.0332	Low	Poor
No	0.1597	V.Low	N/A - Other
No	0.0059	Low	Condition Assessment N/A
No	0.009	Medium	Poor
No	0.0461	Medium	Poor
No	0.0122	Medium	Moderate
<b>Total habitat area</b>	<b>0.49</b>		
<b>s, intertidal hard structures)</b>	<b>0.48</b>		

	<b>Select a unit</b>	<b>Hectares</b>	<b>M<sup>2</sup></b>

<b>bitat summary</b>
<b>0.06</b>
<b>11.96%</b>
<b>Yes ✓</b>

<b>Strategic significance</b>	<b>Required Action to Meet Trading Rules</b>
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)
Area/compensation not in local strategy/ no local strategy	Compensation Not Required
Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥
Area/compensation not in local strategy/ no local strategy	Compensation Not Required
Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥
Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)
Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)
Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required (≥)

Ecological baseline
Total habitat units
0.13
0.00
0.07
0.00
0.01
0.04
0.18
0.10
<b>0.52</b>

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced
0.0279	0	0.13	0.00
0.1967	0	0.00	0.00
0	0	0.00	0.00
0.1597	0	0.00	0.00
0.0059	0	0.01	0.00
0.009	0	0.04	0.00
0	0.0461	0.00	0.18
0.0122	0	0.10	0.00
<b>0.41</b>	<b>0.05</b>	<b>0.27</b>	<b>0.18</b>

**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	
0.00	0.00	
0.00	0.00	
0.03	0.07	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
<b>0.03</b>	<b>0.07</b>	

**0.03**





Pr

Condense / Sl

Main

**Broad Habitat**

**Ref**

1

Urban

2

3

4

5

6

Project Name: Bath Works Map Reference:

## A-2 On-Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

### Proposed habitat

Artificial unvegetated, unsealed surface

**Total habitat area**

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

**M<sup>2</sup> to hectares conversion tool:**

Area habitat summary	
Total Net Unit Change	0.06
Total Net % Change	11.96%
Trading Rules Satisfied	Yes ✓
Area Check	Area Acceptable ✓

Post interv

Area (hectares)	Distinctiveness	Condition	Strategic significance
	Distinctiveness	Condition	Strategic significance
0.0332	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy

0.03

0.03

Select a unit	Hectares	M <sup>2</sup>



**vention habitats**

<b>Temporal multiplier</b>		<b>Difficulty</b>
<b>Standard or adjusted time to target condition</b>	<b>Final time to target condition (years)</b>	<b>Final difficulty of creation</b>
Standard time to target condition applied	0	Low





<b>Habitat units delivered</b>	<b>User comments</b>
0.00	
<b>0.00</b>	





**Project Name: Bath Works    Map Reference:**

## **A-3 On-Site Habitat Enhancement**

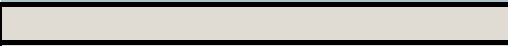
Condense / Show Columns

Condense / Show Rows

Main Menu

### **Baseline habitats**

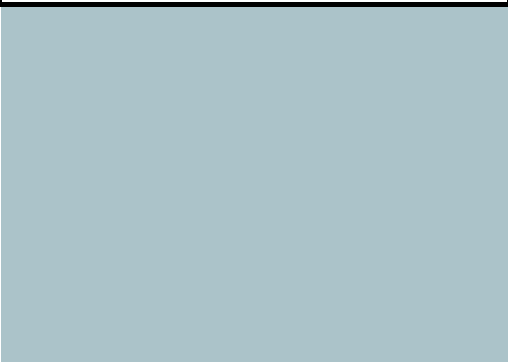
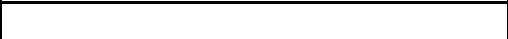
<b>Baseline ref</b>	<b>Baseline habitat</b>
7	Woodland and forest - Other woodland; broadleaved



**Proposed Ha**

**Proposed Broad Habitat**

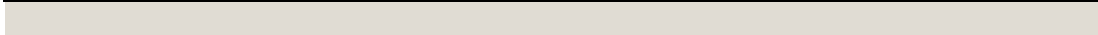
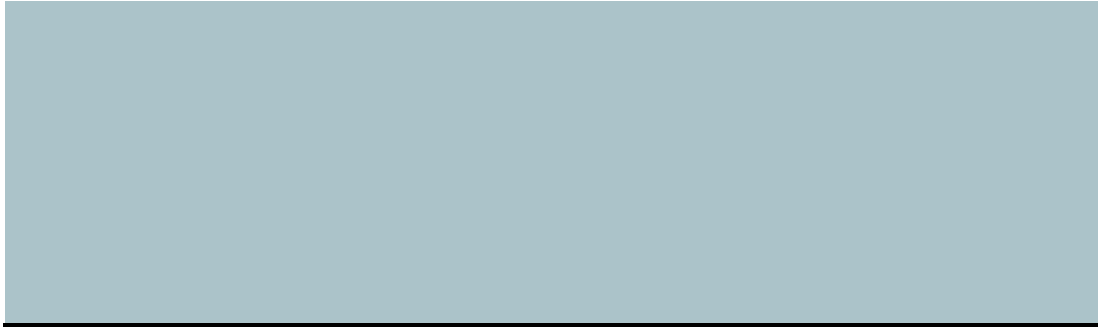
**Woodland and forest**



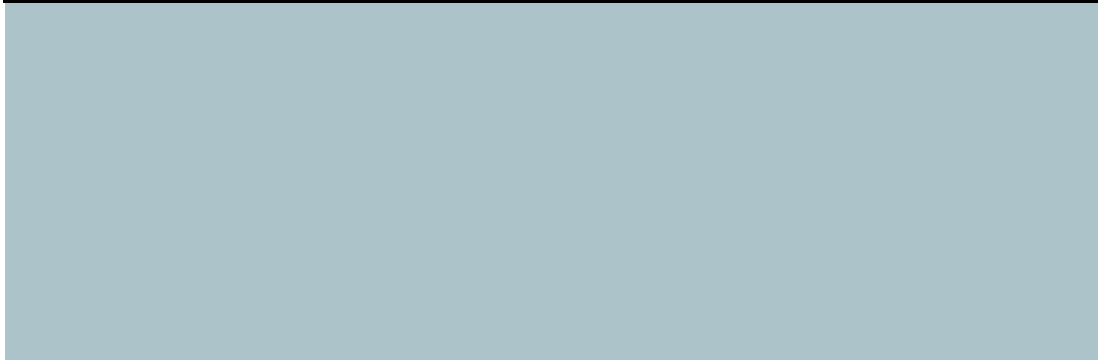
	<b>Area habitat s</b>
<b>Total Net Unit Change</b>	
<b>Total Net % Change</b>	
<b>Trading Rules Satisfied</b>	
<b>Habitat (Broad habitat pre-populated but can be overridden)</b>	
<b>Proposed habitat</b>	
<b>Other woodland; broadleaved</b>	

<b>summary</b>
0.06
11.96%
Yes ✓

<b>Post intervention habitats</b>		
<b>Change in distinctiveness and condition</b>		<b>Area (hectares)</b>
<b>Distinctiveness change</b>	<b>Condition change</b>	
Medium - Medium	Poor - Moderate	0.0461
<b>Total habitat area</b>		<b>0.05</b>



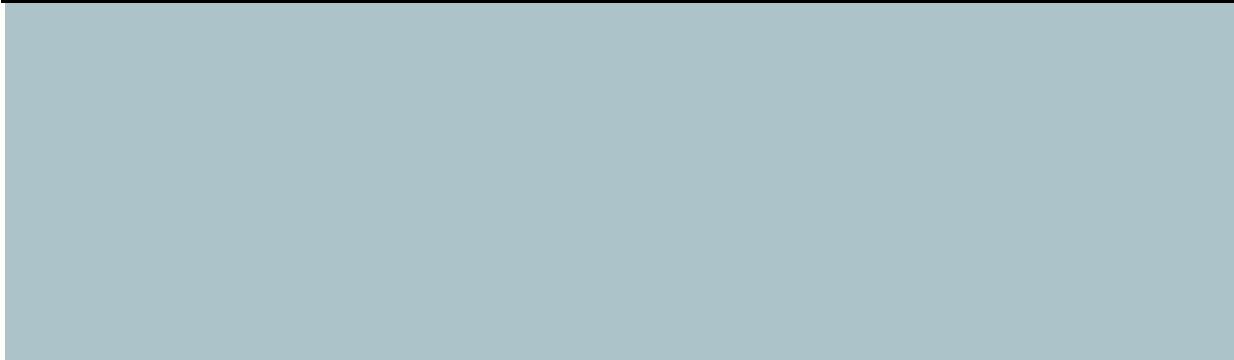
<b>Distinctiveness</b>	<b>Condition</b>	<b>Strategic significance</b>
		<b>Strategic significance</b>
Medium	Moderate	Area/compensation not in local strategy/ no local strategy







<b>Comments</b>	
<b>User comments</b>	<b>Planning authority comments</b>



Habitat reference number