

# 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:	
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):	3.73
Total off-site area - including irreplaceable habitat area (hectares):	1.14

Cell style conversion	
⚠	
▲	

On-site baseline map

Insert



**JCA LIMITED**

Site adjacent to Forge Lane, Decoybury, West Yorkshire, WF12 9HW

**Key**

- Red and white striped area: On-site baseline map
- Green area: Existing land use
- Blue area: Watercourse
- Black area: Road
- Grey area: Buildings

Scale: 0 25 50 m

Project: On-site baseline map

Date: 10/10/2023

Author: JCA

Scale: 1:1000

Projection: UTM

Units: Metres

On-site baseline map reference number

## Off-site baseline map

Insert



**JCA LIMITED**

Site adjacent to Forge Lane, Decoybury, West Yorkshire, WF12 9HW

**Key**

- Blue and white striped area: Off-site baseline map
- Green area: Existing land use
- Blue area: Watercourse
- Black area: Road
- Grey area: Buildings

Scale: 0 25 50 m

Project: Off-site baseline map

Date: 10/10/2023

Author: JCA

Scale: 1:1000

Projection: UTM

Units: Metres

Off-site baseline map reference number

# Priority Biodiversity Metric

## Start page

### Details

Kirklees Council	
Land at Forge Lane	
Hebble Homes Ltd	
Planning	
TBC	
James Foster	
17 June 2025	
Adam West	
2	
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>

### Notifications

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

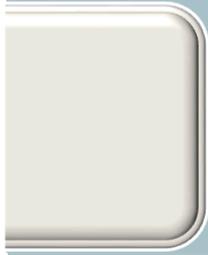
Reset

View

Reset

Insert





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

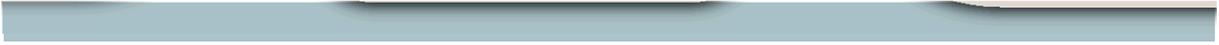


E-2 Off-site Hedge  
Creation



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

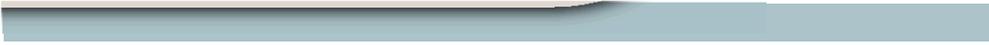


E-3 Off-site Hedge Enhancement



F-3 Off-site Watercourse Enhancement





# The Statutory Bio Resu

[Return to start  
page](#)

[Headline results](#)

[Detailed res](#)

[Off-site  
summary](#)

[Irreplacea  
habitats sum](#)

# Biodiversity Metric Results

Results

Habitat trading  
summaries

Table  
summary

Unit shortfall  
summary



Land at Forge 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%	27.11	29.82
<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 ▲**

27.11
0.00
0.00

15.02
0.00
0.00

-12.09	-44.59%
0.00	0.00%
0.00	0.00%

On-site net gain is less than target set  $\Delta$

9.91
0.00
0.00

13.04
0.00
0.00

3.13	31.56%
------	--------

0.00	0.00%
0.00	0.00%

-8.96
0.00
0.00

0.00
0.00
0.00

--

-8.96
0.00
0.00

<b>-33.04%</b>
0.00%
0.00%

**Total net gain achieved is less than target set ▲**

**ing Summaries ▲**

**Unit Deficit**

**11.67**

**0.00**

**0.00**

**No additional hedgerow units required to meet target ✓**

**No additional watercourse units required to meet target ✓**













The image displays a diagram consisting of a 2x4 grid of yellow cells. This grid is positioned on a light blue background. Below the grid, there is a horizontal bar with a light brown or tan color. The entire structure is outlined with a thin black border.



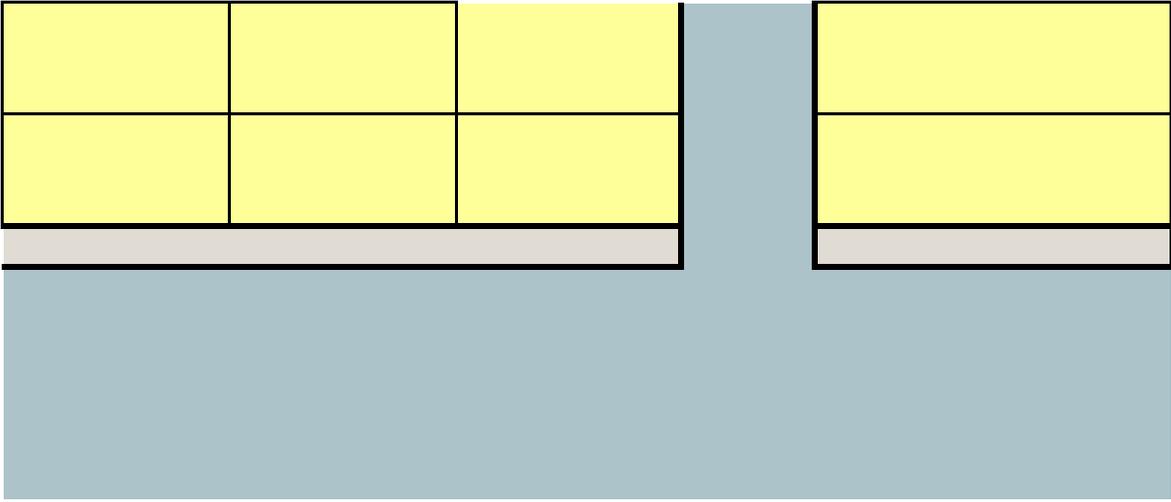












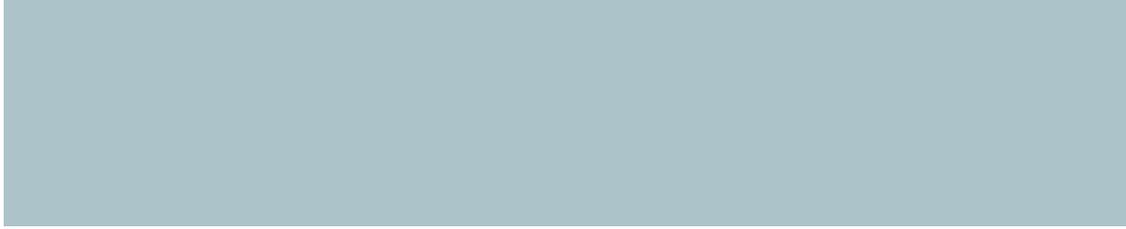












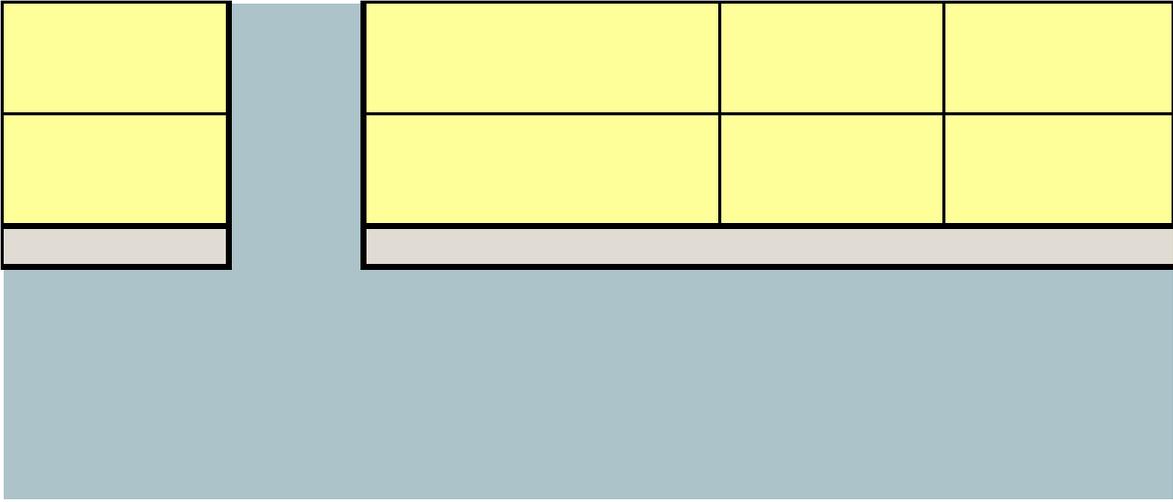














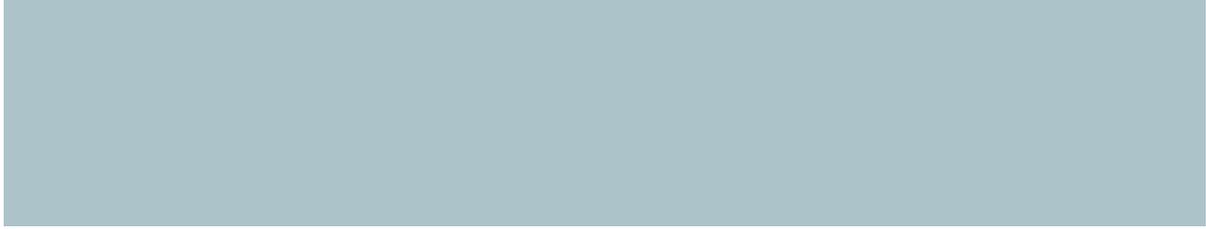










**Project**

Condense

Ma

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

Name: Land at Forge Lane Map Reference:

## A-1 On-Site Habitat Baseline

/ Show Columns

Condense / Show

in Menu

### Existing area habitats

#### Habitat Type

Other neutral grassland

Other neutral grassland

Bramble scrub

Developed land; sealed surface

Developed land; sealed surface

Other woodland; broadleaved

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>

		Distinctiveness	Condition
Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition
No	0.2072	Medium	Poor
No	0.0123	Medium	Poor
No	0.018	Medium	Condition Assessment N/A
No	0.6505	V.Low	N/A - Other
No	0.048	V.Low	N/A - Other
No	2.4065	Medium	Moderate
No	0.349	Medium	Moderate
No	0.0415	Medium	Moderate
No	0.0326	Medium	Moderate
<b>Total habitat area</b>	<b>3.77</b>		
<b>(s, intertidal hard structures)</b>	<b>3.73</b>		

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

<b>bitat summary</b>
-8.96
-33.04%
<b>No - check trading summaries ▲</b>

Strategic significance	Required Action to Meet Trading Rules
Strategic significance	
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Compensation Not Required
Location ecologically desirable but not in local strategy	Compensation Not Required
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )

Ecological baseline
Total habitat units
0.95
0.06
0.08
0.00
0.00
22.14
3.21
0.37
0.30
27.11

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced
0	0	0.00	0.00
0	0.0123	0.00	0.06
0	0	0.00	0.00
0.4943	0	0.00	0.00
0	0	0.00	0.00
0	0	0.00	0.00
0	0.349	0.00	3.21
0	0.0415	0.00	0.37
0	0	0.00	0.00
0.49	0.40	0.00	3.63

**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	
0.21	0.95	
0.00	0.00	
0.02	0.08	
0.16	0.00	
0.05	0.00	
2.41	22.14	
0.00	0.00	
0.00	0.00	
0.03	0.30	
<b>2.87</b>	<b>23.48</b>	

2.84





Project

Condense / S

Main

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



Project Name: Land at Forge Lane Map Reference:

## A-2 On-Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

### Proposed habitat

Other neutral grassland

Other neutral grassland

Mixed scrub

Ponds (non-priority habitat)

Developed land; sealed surface

Reedbeds

Other woodland; broadleaved

Other woodland; broadleaved

Urban tree

**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	-8.96
Total Net % Change	-33.04%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

Post interv

Area (hectares)	Distinctiveness	Condition	Strategic significance
	Distinctiveness	Condition	Strategic significance
0.4977	Medium	Good	Formally identified in local strategy
0.0096	Medium	Good	Location ecologically desirable but not in local strategy
0.0206	Medium	Moderate	Formally identified in local strategy
0.1274	Medium	Moderate	Formally identified in local strategy
1.5669	V.Low	N/A - Other	Formally identified in local strategy
0.1197	High	Moderate	Formally identified in local strategy
0.4556	Medium	Moderate	Formally identified in local strategy
0.0384	Medium	Moderate	Location ecologically desirable but not in local strategy
0.1262	Medium	Moderate	Formally identified in local strategy
<b>2.96</b>			

2.84

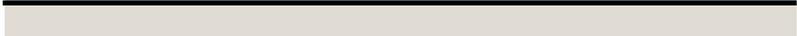
Select a unit	Hectares	M²



vention habitats

Temporal multiplier		Difficulty
Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation
Standard time to target condition applied	10	Low
Standard time to target condition applied	10	Low
Standard time to target condition applied	5	Low
Standard time to target condition applied	3	Low
Standard time to target condition applied	0	Low
Standard time to target condition applied	7	Medium
Standard time to target condition applied	15	Low
Standard time to target condition applied	15	Low
Standard time to target condition applied	27	Low





<b>Habitat units delivered</b>	<b>User comments</b>
4.81	
0.09	
0.16	
1.05	
0.00	
0.86	
2.46	
0.20	
0.44	
<b>10.07</b>	







**Project Name: Land at Forge Lane    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>
2	Grassland - Other neutral grassland
7	Woodland and forest - Other woodland; broadleaved
8	Woodland and forest - Other woodland; broadleaved



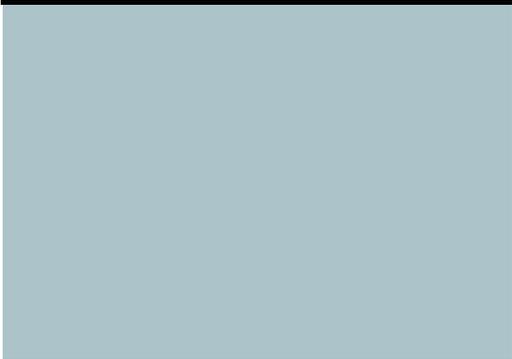
**Proposed Ha**

**Proposed Broad Habitat**

**Grassland**

**Woodland and forest**

**Woodland and forest**

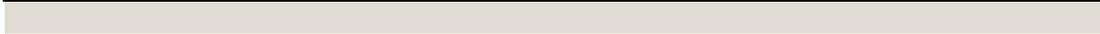
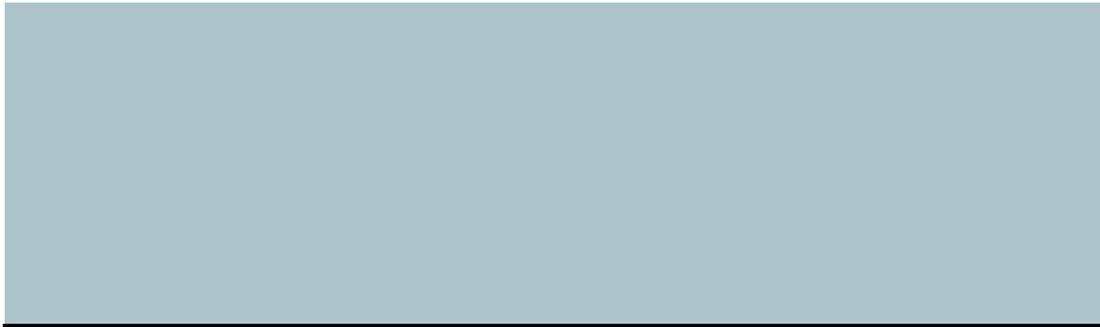


<b>Area habitat s</b>
<b>Total Net Unit Change</b>
<b>Total Net % Change</b>
<b>Trading Rules Satisfied</b>
<b>abitat (Broad habitat pre-populated but can be overridden)</b>
<b>Proposed habitat</b>
<b>Other neutral grassland</b>
<b>Other woodland; broadleaved</b>
<b>Other woodland; broadleaved</b>

<b>summary</b>
-8.96
-33.04%
<b>No - check trading summaries ▲</b>

**Post intervention habitats**

<b>Change in distinctiveness and condition</b>		<b>Area (hectares)</b>
<b>Distinctiveness change</b>	<b>Condition change</b>	
Medium - Medium	Poor - Good	0.0123
Medium - Medium	Moderate - Good	0.349
Medium - Medium	Moderate - Good	0.0415
	<b>Total habitat area</b>	<b>0.40</b>



Distinctiveness	Condition	Strategic significance
		Strategic significance
Medium	Good	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Good	Location ecologically desirable but not in local strategy







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





**Project Na**

**D**

Condense / Show Co

Main Menu

<b>Ref</b>	<b>Broad habitat</b>
1	Grassland
2	Urban
3	Woodland and forest
4	Woodland and forest
5	Woodland and forest
6	
7	
8	
9	
10	

Site Name: Land at Forge Lane Map Reference:

## Appendix 1 Off-Site Habitat Baseline

Columns

Condense / Show Rows

### Existing area habitats

#### Habitat type

Other neutral grassland

Developed land; sealed surface

Other woodland; broadleaved

Other woodland; broadleaved

Other woodland; broadleaved

Site Area (Excluding area of individual trees, green walls, etc.)

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

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

		Distinctiveness	Condition
Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition
No	0.024	Medium	Poor
No	0.0532	V.Low	N/A - Other
No	0.1569	Medium	Moderate
No	0.905	Medium	Moderate
No	0.0039	Medium	Moderate
<b>Total habitat area</b>	<b>1.14</b>		
<b>intertidal hard structures)</b>	<b>1.14</b>		
	<b>Select a unit</b>	<b>Hectares</b>	<b>M<sup>2</sup></b>

<b>abitat summary</b>
-8.96
-33.04%
<b>No - check trading summaries ▲</b>

Strategic significance	Required Action to Meet Trading Rules
Strategic significance	
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Compensation Not Required
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )
Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )



**Spatial risk multiplier**

**Spatial risk category**

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site



<b>Ecological baseline</b>
<b>Total habitat units</b>
0.11
0.00
1.44
8.33
0.03
<b>9.91</b>

<b>Area retained</b>	<b>Area enhanced</b>	<b>Baseline units retained</b>	<b>Baseline units enhanced</b>	<b>Area lost</b>
0	0	0.00	0.00	0.02
0	0	0.00	0.00	0.05
0	0	0.00	0.00	0.16
0	0.905	0.00	8.33	0.00
0	0.0039	0.00	0.03	0.00
<b>0.00</b>	<b>0.91</b>	<b>0.00</b>	<b>8.36</b>	<b>0.23</b>

<b>Total area lost (excluding area of individual trees, green walls and intertidal hard structures)</b>	<b>0.23</b>
---	-------------



	<b>Bespoke compensation agreed for losses of VHDH or irreplaceable habitat</b>
<b>Units lost</b>	
0.11	
0.00	
1.44	
0.00	
0.00	
<b>1.55</b>	





**User comments**

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<b>Comments</b>		
<b>Planning authority comments</b>	<b>Habitat reference</b>	<b>Off-site reference</b>
	1	1
	2	2
	3	3
	4	4
	5	5



Proje

Condense / S

Main

**Broad Habitat**

Ref

1

Grassland

2

Wetland

3

Woodland and forest

4

Individual trees

5

6

7

8

9

Project Name: Land at Forge Lane    Map Reference:

## D-2 Off-Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

### Proposed habitat

Other neutral grassland

Reedbeds

Other woodland; broadleaved

Urban tree

**Total habitat area**

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

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

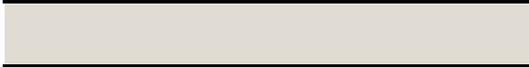
<b>Area h</b>
<b>Total Net Unit Change</b>
<b>Total Net % Change</b>
<b>Trading Rules Satisfied</b>
<b>Area Check</b>

**Post intervention habitats**

<b>Area (hectares)</b>	<b>Distinctiveness</b>	<b>Condition</b>
0.0529	Medium	Good
0.1236	High	Moderate
0.0576	Medium	Moderate
0.0122	Medium	Moderate
<b>0.25</b>		
<b>0.23</b>		
<b>Select a unit</b>	<b>Hectares</b>	<b>M²</b>

<b>abitat summary</b>
-8.96
-33.04%
<b>No - check trading summaries ▲</b>
<b>Area Acceptable ✓</b>

<b>Strategic significance</b>	<b>Temporal risk mul</b>
<b>Strategic significance</b>	<b>Standard or adjusted time to target condition</b>
Formally identified in local strategy	Standard time to target condition applied
Formally identified in local strategy	Standard time to target condition applied
Formally identified in local strategy	Standard time to target condition applied
Formally identified in local strategy	Standard time to target condition applied



**Multiplier** **Difficulty risk multipliers**

<b>Final time to target condition (years)</b>	<b>Final difficulty of creation</b>
10	Low
7	Medium
15	Low
27	Low



**Spatial risk multiplier**

**Spatial risk category**

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site


Habitat units delivered	Comments	
	User comments	Planning authority comments
0.51		
0.89		
0.31		
0.04		
<b>1.76</b>		

Habitat reference	Off-site reference	Baseline Ref
	3	3
	3	3
	1	1
	3	3

**Project Name: Land at Forge Lane    Map Reference:**

## **D-3 Off-Site Habitat Enhancement**

Condense / Show Columns

Condense / Show Rows

Main Menu

### **Baseline habitats**

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

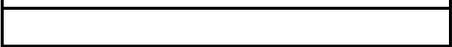


**Proposed H**

**Proposed Broad Habitat**

**Woodland and forest**

**Woodland and forest**



**Area habitat**

**Total Net Unit Change**

**Total Net % Change**

**Trading Rules Satisfied**

**Habitat (Broad habitat pre-populated but can be overridden)**

**Proposed Habitat**

**Other woodland; broadleaved**

**Other woodland; broadleaved**

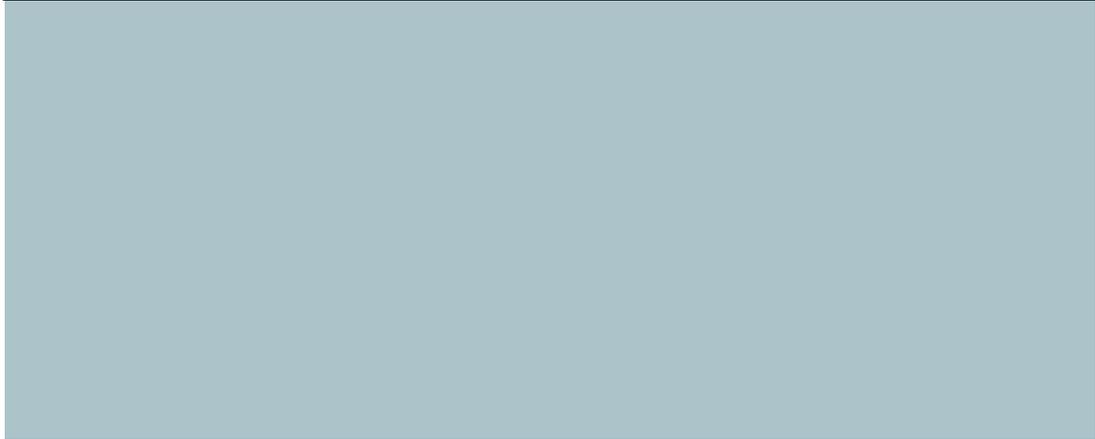
at summary
-8.96
-33.04%
<b>No - check trading summaries ▲</b>

Change in distinctiveness and condition		Area (hectares)
Distinctiveness change	Condition change	
Medium - Medium	Moderate - Good	0.905
Medium - Medium	Moderate - Good	0.0039
	<b>Total habitat area</b>	<b>0.91</b>



**Post intervention habitats**

<b>Distinctiveness</b>	<b>Condition</b>	<b>Strategic significance</b>
		<b>Strategic significance</b>
Medium	Good	Formally identified in local strategy
Medium	Good	Location ecologically desirable but not in local strategy

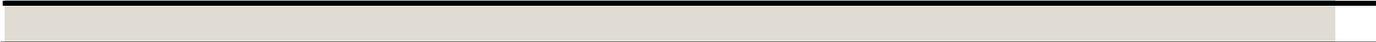




<b>Temporal multiplier</b>	<b>Difficulty multipliers</b>
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<b>Standard or adjusted time to target condition</b>	<b>Final time to target condition (years)</b>	<b>Difficulty</b>
Standard time to target condition applied	10	Low
Standard time to target condition applied	10	Low



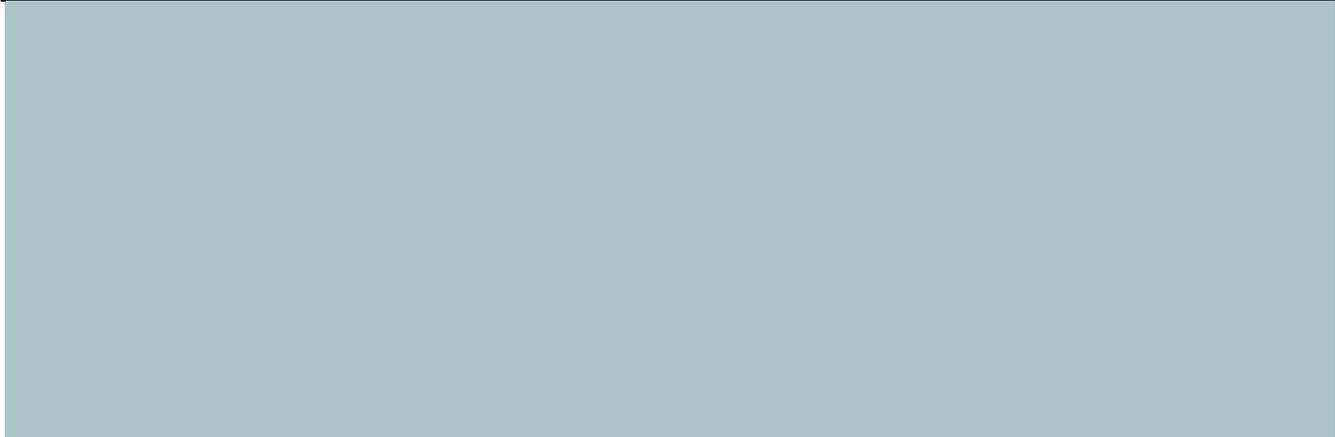


**Spatial risk multiplier**

**Spatial risk category**

Compensation inside LPA boundary or NCA of impact site

Compensation inside LPA boundary or NCA of impact site



<b>Habitat units delivered</b>	<b>User comments</b>
11.24	
0.05	
11.29	



**Comments**

<b>Planning authority comments</b>	<b>Habitat reference</b>	<b>Off-site reference</b>
	4	4
	4	5

