

The Statutory Biodiversity Metric

Version 1.0.3

Aud

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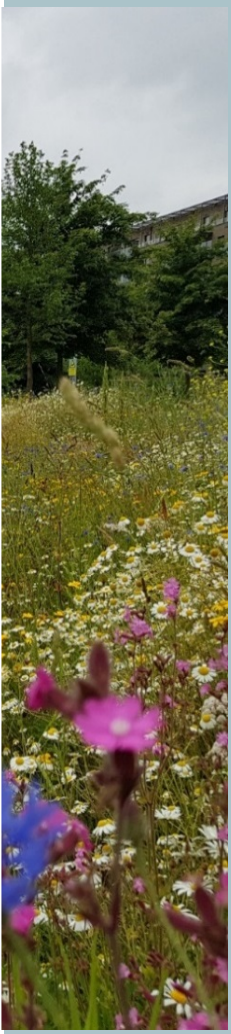
Open Tool

Calculation Tool

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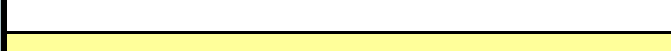




The Statutor

S

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):	0.58
Total off-site area - including irreplaceable habitat area (hectares):	N/A

Cell style conversion	
	
	
	
	
	
	

On-site baseline map

Insert



On-site baseline map reference number

Off-site baseline map

Insert

Off-site baseline map reference number

Early Biodiversity Metric

Start page

Details	
Land at Heath Lane, Earl Shilton	
Avant Homes West Midlands	
Chloe Cregan	
16.01.25	
Alexander Radl	
Rev A	
No ✓	
Irreplaceable habitat site area (hectares):	0.00
Irreplaceable habitat area off-site (hectares):	N/A

Instructions
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

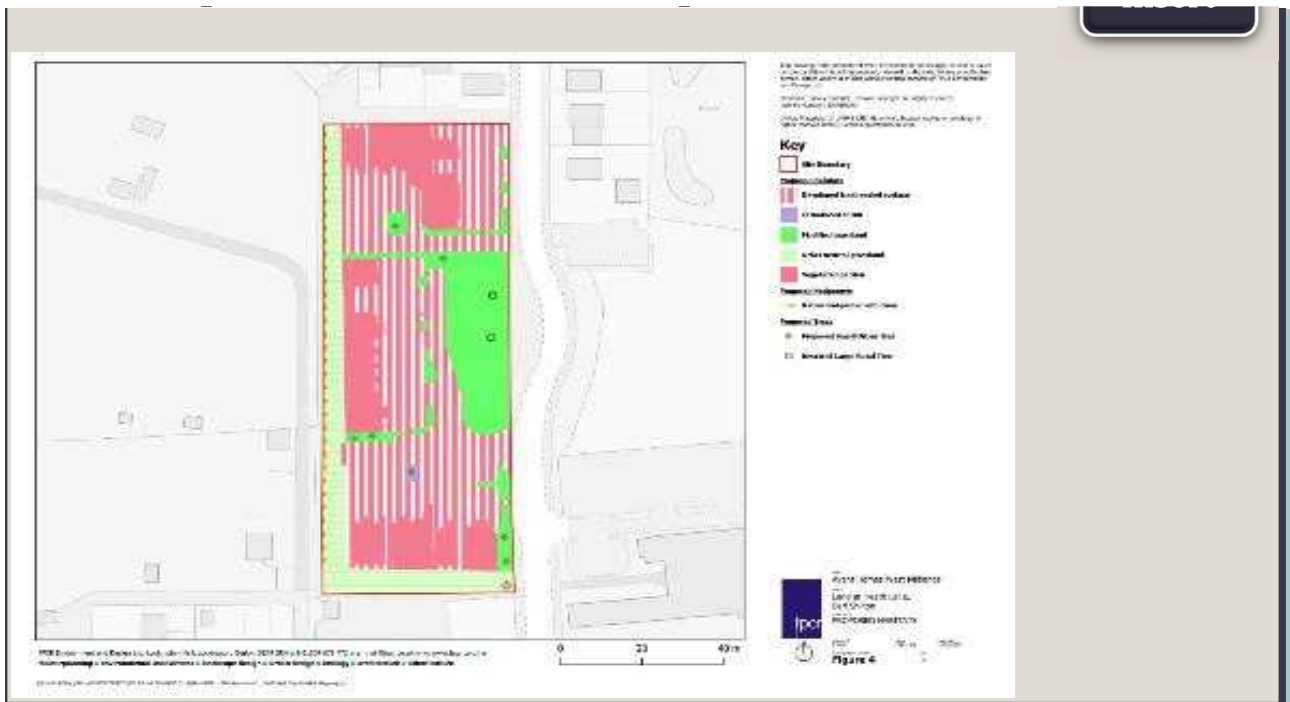
Main map

Reset

View

Reset

Insert



On-site post-intervention map reference number	
--	--

Off-site post intervention map

Insert

Off-site post-intervention reference number	
---	--

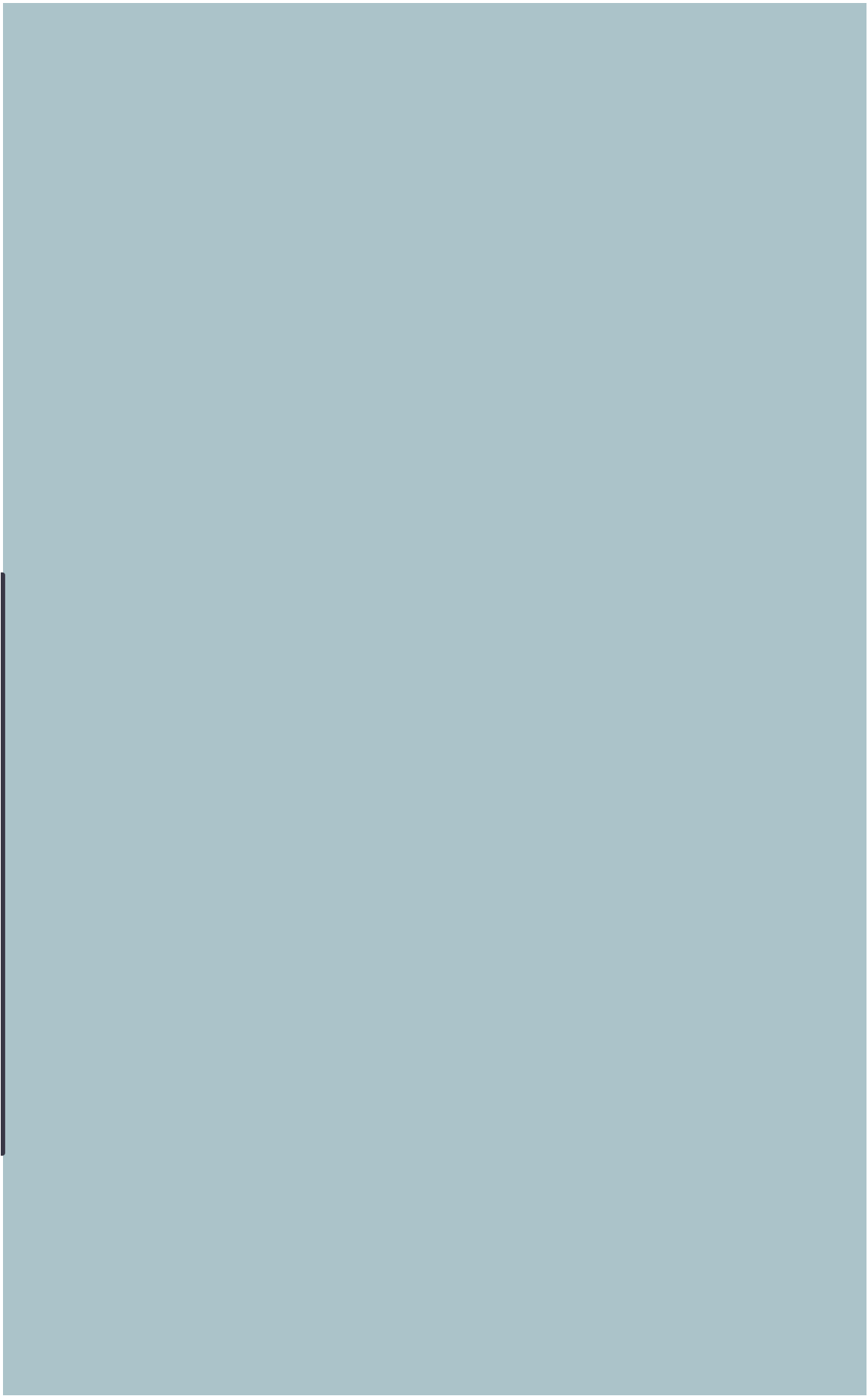


menu

ults

y all

view





Key

Area habitats



Hedgerows and
lines of trees



Watercourses

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



The Statutory M

Start page



by Biodiversity Metric

main menu

Technical data

Results

Tree size
Small
Medium
Large
Very large
Total



3



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course

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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	7	0.0285		0.0000
	0.0000		0.0000		0.0000
	0.0000	3	0.1099		0.0000
	0.0000		0.0000		0.0000
0	0.0000	10	0.1384	0	0.0000



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

odiversity Metric

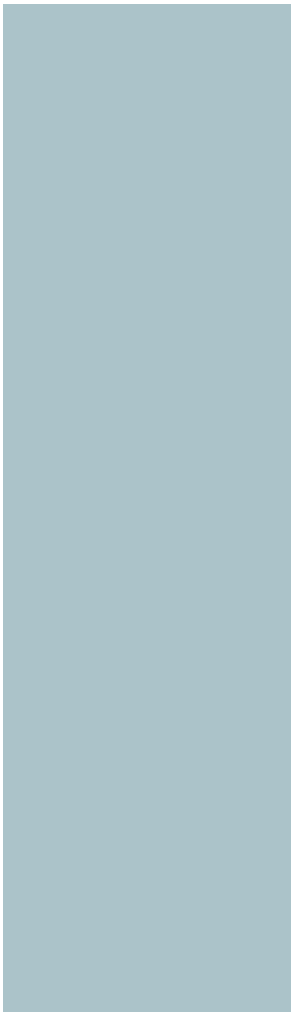
ults

sults

Habitat trading
summaries

ble
mary

Unit shortfall
summary



Land at Heath Lane, Earl Shilton
Headline Results
Scroll down for final results ☐

Return to
results menu

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)	<i>Hedgerow units</i>
	<i>Watercourse units</i>

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

Spatial risk multiplier (SRM) deductions	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>Watercourse units</i>

Trading rules satisfied?

No - Check Trade

Unit Type	Target	Baseline Units	Units Required
<i>Habitat units</i>	10.00%	2.78	3.06
<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 ▲

2.78
0.00
0.00

2.17
0.67
0.00

-0.62	-22.14%
0.67	N/A
0.00	0.00%

On-site net gain is less than target set ☐
 Zero baseline units - % cannot be calculated

0.00
0.00
0.00

0.00
0.00
0.00

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

0.00	0.00%
0.00	0.00%

-0.62
0.67
0.00

0.00
0.00
0.00

--

-0.62
0.67
0.00

-22.14%	Total net gain achieved is less than target set ▲
N/A	0 baseline units - % cannot be calculated
0.00%	

ing Summaries ▲

Unit Deficit
0.89
0.00
0.00

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



Project Name:

Condense

Ma

Ref	Broad Habitat
1	Grassland
2	Grassland
3	Heathland and shrub
4	Sparsely vegetated land
5	Urban
6	Urban
7	Individual trees
8	
9	
10	
11	
12	

Land at Heath Lane, Earl Shilton

Map Reference:

A-1 On-Site Habitat Baseline

/ Show Columns

Condense / Show

in Menu

Existing area habitats

Habitat Type
Modified grassland
Other neutral grassland
Mixed scrub
Ruderal/Ephemeral
Bare ground
Introduced shrub
Rural tree

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

M² to hectares conversion tool:

7 Rows

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

		Distinctiveness	Condition
Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition
No	0.0217	Low	Moderate
No	0.0973	Medium	Poor
No	0.0832	Medium	Moderate
No	0.112	Low	Poor
No	0.246	Low	Poor
No	0.0236	Low	Condition Assessment N/A
No	0.1099	Medium	Moderate
Total habitat area	0.69		
s, intertidal hard structures)	0.58		
	Select a unit	Hectares	M²

bitat summary
-0.62
-22.14%
No - check trading summaries ▲

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

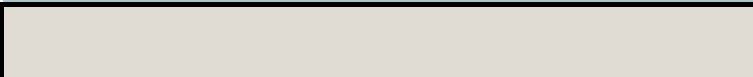
Ecological baseline
Total habitat units
0.09
0.39
0.67
0.22
0.49
0.05
0.88
2.78

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced
0	0	0.00	0.00
0	0	0.00	0.00
0	0	0.00	0.00
0	0	0.00	0.00
0	0	0.00	0.00
0	0	0.00	0.00
0.1099	0	0.88	0.00
0.11	0.00	0.88	0.00

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

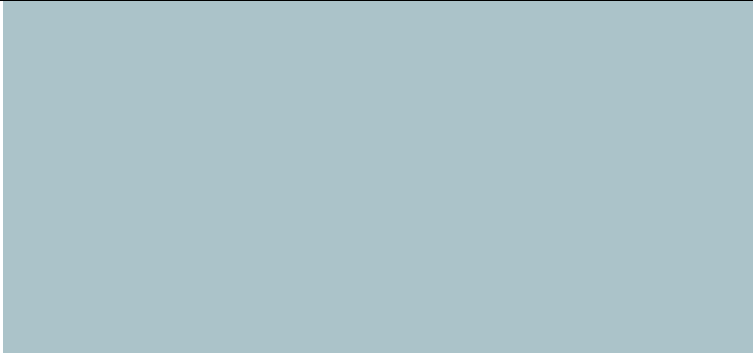
		Bespoke compensation agreed for losses of VHDH or irreplaceable habitat
Area habitat lost	Units lost	
0.02	0.09	
0.10	0.39	
0.08	0.67	
0.11	0.22	
0.25	0.49	
0.02	0.05	
0.00	0.00	
0.58	1.90	

0.58



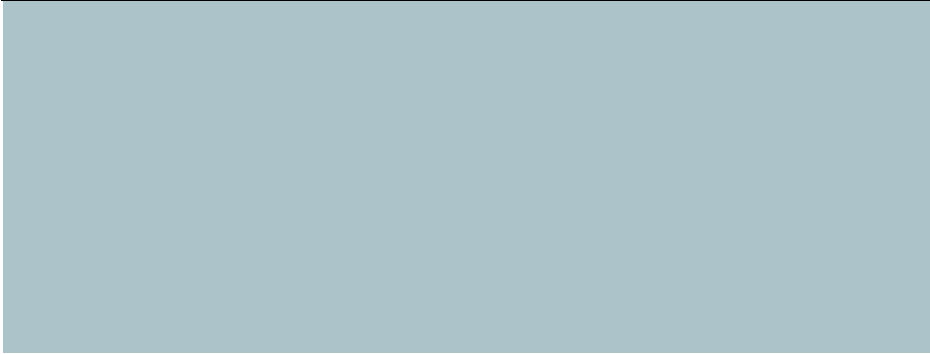
User comments

x3 large trees in moderate condition = 0.1099 ha (retained)





Comments	
Planning authority comments	Habitat reference number



Project Name

Condense / Short

Main

Ref	Broad Habitat
1	Grassland
2	Grassland
3	Urban
4	Urban
5	Urban
6	Individual trees
7	
8	
9	
10	
11	

Site: Land at Heath Lane, Earl Shilton

Map Reference:

A-2 On-Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

Proposed habitat
Modified grassland
Other neutral grassland
Developed land; sealed surface
Introduced shrub
Vegetated garden
Urban tree
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	-0.62
Total Net % Change	-22.14%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check	Area Acceptable ✓

Post interv

Area (hectares)	Distinctiveness	Condition	Strategic significance
	Distinctiveness	Condition	Strategic significance
0.1025	Low	Moderate	Area/compensation not in local strategy/ no local strategy
0.0914	Medium	Moderate	Area/compensation not in local strategy/ no local strategy
0.2687	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
0.0015	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
0.1197	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
0.0285	Medium	Moderate	Area/compensation not in local strategy/ no local strategy

0.61

0.58

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	4	Low
Standard time to target condition applied	5	Low
Standard time to target condition applied	0	Low
Standard time to target condition applied	1	Low
Standard time to target condition applied	1	Low
Standard time to target condition applied	27	Low





Habitat units delivered	
	User comments
0.36	
0.61	
0.00	
0.00	
0.23	
0.09	x7 small trees in moderate condition = 0.0285 ha
1.29	



[illegible]

Project Name: La

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Condense / Show C

Main Menu

Ref	Hedge number
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and at Heath Lane, Earl Shilton Map Reference:

B-1 On-Site Hedge Baseline

columns

Condense / Show Rows

Existing hedgerow habitats

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	0.00



	Hedgerow s
Total Net Unit Change	
Total Net % Change	
Trading Rules Satisfied	

Total Net Unit Change	
2017	1,000
2018	1,000
2019	1,000
2020	1,000
2021	1,000
2022	1,000
2023	1,000
2024	1,000
2025	1,000
2026	1,000
2027	1,000
2028	1,000
2029	1,000
2030	1,000
2031	1,000
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2100	1,000

Total Net % Change	
2017	1.0%
2018	1.0%
2019	1.0%
2020	1.0%
2021	1.0%
2022	1.0%
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2025	1.0%
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2099	1.0%
2100	1.0%

Trading Rules Satisfied

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



summary

0.67

	N/A
--	-----

Yes ✓

Strategic significance	
1	1
2	2
3	3
4	4
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99	99
100	100

Strategic significance

Strategic significance

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

		0.00	0.00	0.00	0.00

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

0.00	0.00	0.00	



Comments

Planning authority comments

Habitat
reference
number[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Project Name: La

E

Condense / Show

Main Mer

Ref	New hedge number
1	
2	
3	
4	
5	
6	

and at Heath Lane, Earl Shilton Map Reference:

3-2 On-Site Hedge Creation

Columns

Condense / Show Rows

nu

[illegible]

Hedgerow summary	
Total Net Unit Change	0.67
Total Net % Change	N/A
Trading Rules Satisfied	Yes ✓

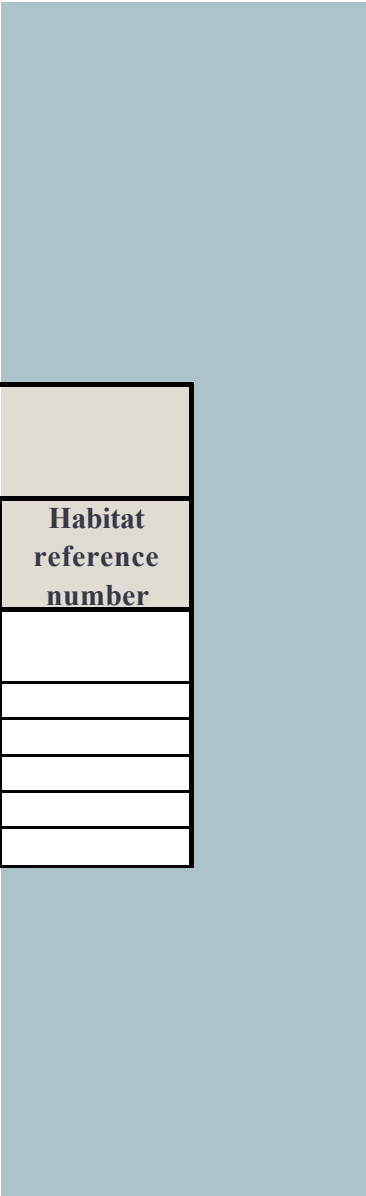
Distinctiveness	Condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Medium	Moderate	Area/compensation not in local strategy/ no local strategy

Temporal multiplier		Difficulty risk multipliers	Hedge units delivered
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	0.67
			0.67



Comments	
User comments	Planning authority comments





Habitat reference number