

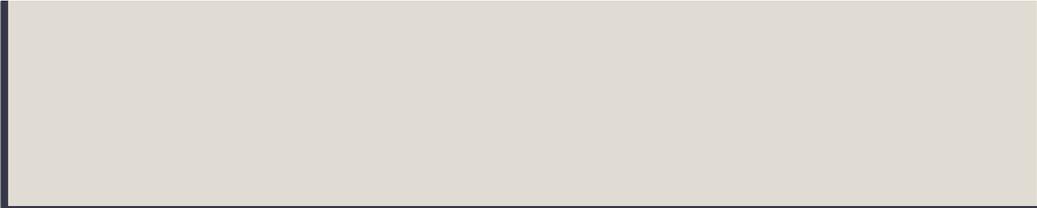
The Biodiversity Metrics Start

Project details	
Planning authority:	
Project name:	271
Applicant:	Qu
Application type:	Ful
Planning application reference:	
Assessor:	Sme
Reviewer:	
Metric version:	
Assessment date:	
Planning authority reviewer:	

Cell style conventions	

On-site baseline map

Insert



Off-site baseline map

Insert

Figure 3.1 - Calculation Tool

Start page

Kirklees Council
Cliffe Lane, Gomersal
Quarters Developments
All planning permission
2023/20293
Eden Foreman Limited.
Revision F
02.08.2023

Enter data
Automatic lookup
Result

Instructions

Main menu

Results

View all

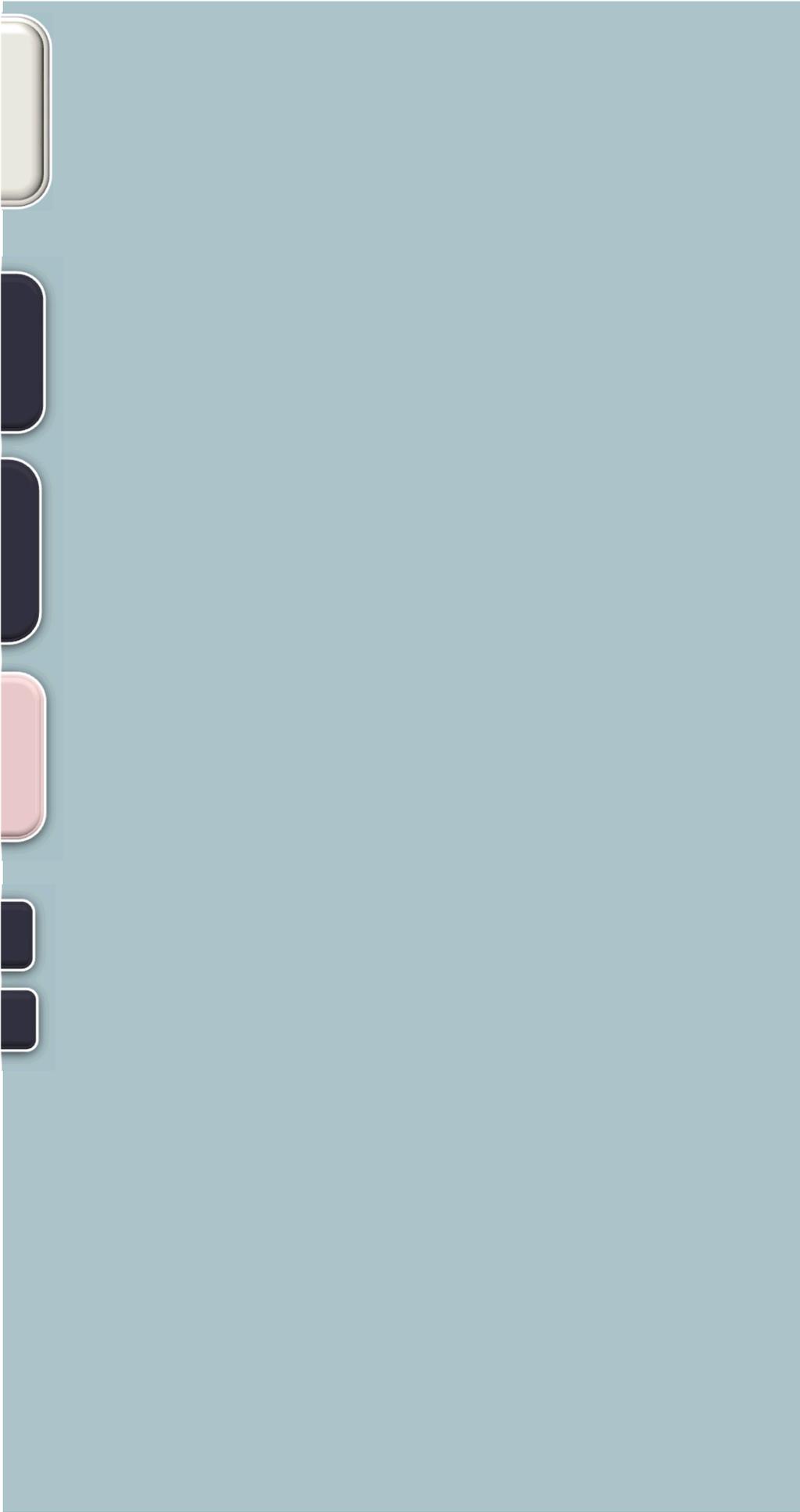
Reset view

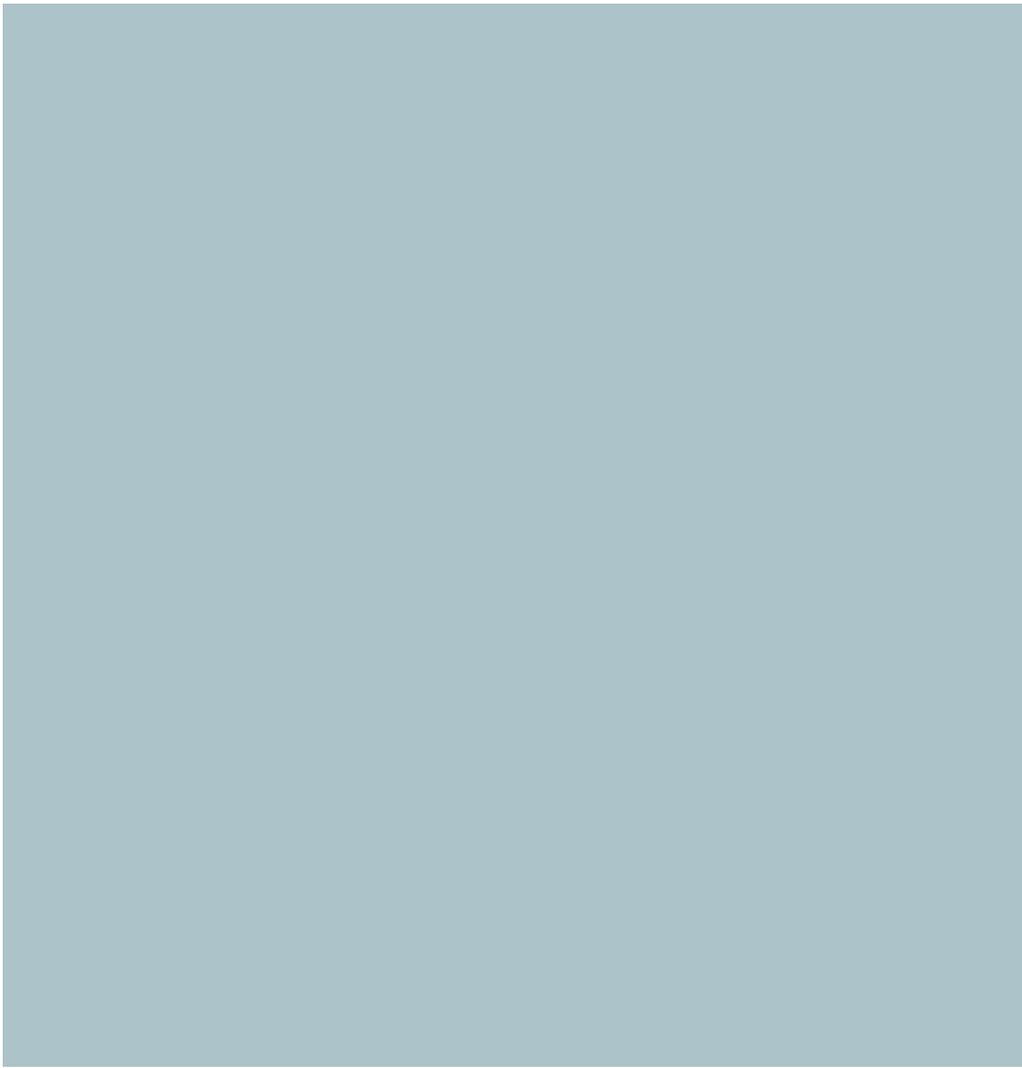
On-site post intervention map

Insert

Off-site post intervention map

Insert





271 Cliffe Lane, Gomersal

Headline Results

[Return to results menu](#)

On-site baseline	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
On-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
On-site net % change (Including habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Off-site baseline	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Off-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>

<p style="text-align: center;">Total net unit change</p> <p style="text-align: center;">(including all on-site & off-site habitat retention, creation & enhancement)</p>	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
<p style="text-align: center;">Total on-site net % change plus off-site surplus</p> <p style="text-align: center;">(including all on-site & off-site habitat retention, creation & enhancement)</p>	<i>Habitat units</i>
	<i>Hedgerow units</i>
	<i>River units</i>
Trading rules Satisfied?	Ye

17.70
3.82
0.00

19.91
4.89
0.00

12.49%
27.95%
0.00%

0.00
0.00
0.00

0.00
0.00
0.00

2.21
1.07
0.00
12.49%
27.95%
0.00%
es ✓



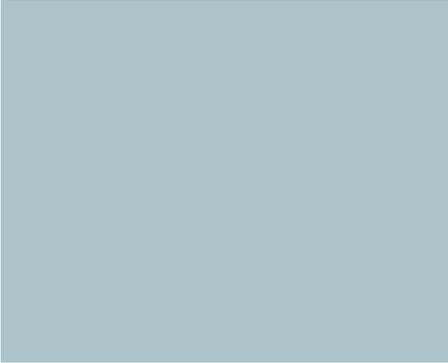


Condense / Show C

Main Menu

Ref	Broad Habitat
1	Grassland
2	Grassland
3	Grassland
4	Grassland
5	
6	Urban
7	Heathland and shrub
8	Heathland and shrub
9	Lakes
10	Sparsely vegetated land
11	Urban
12	Urban
13	Urban
14	Urban
15	Urban
16	Urban
17	Urban
18	Urban

19	Urban
20	Urban
21	Urban
22	
23	
24	
25	
26	



271 Cliffe Lane, Gomersal

A-1 Site Habitat Baseline

Columns

Condense / Show Rows

Instructions

Habitats and areas

Habitat Type	Area (hectares)
Modified grassland	0.0914
Modified grassland	1.3838
Modified grassland	0.2259
Modified grassland	1.6536
Vegetated garden	0.0034
Mixed scrub	0.0884
Blackthorn scrub	0.0249
Ponds (Non- Priority Habitat)	0.0113
Ruderal/Ephemeral	0.003
Vacant/derelict land/ bareground	0.0024
Introduced shrub	0.001
Developed land; sealed surface	0.0648
Developed land; sealed surface	0.04
Urban Tree	0.03662496
Urban Tree	0.15283008
Urban Tree	0.1894
Urban Tree	0.2658

Urban Tree	0.0081
Urban Tree	0.113
Urban Tree	0.0366
Total habitat area	4.40





Distinctiveness	Condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Low	Poor	Area/compensation not in local strategy/ no local strategy
Low	Poor	Location ecologically desirable but not in local strategy
Low	Poor	Location ecologically desirable but not in local strategy
Low	Poor	Location ecologically desirable but not in local strategy
Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
Medium	Moderate	Formally identified in local strategy
Medium	Poor	Formally identified in local strategy
Medium	Moderate	Area/compensation not in local strategy/ no local strategy
Low	Poor	Area/compensation not in local strategy/ no local strategy
Low	Poor	Location ecologically desirable but not in local strategy
Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
Medium	Moderate	Formally identified in local strategy
Medium	Moderate	Formally identified in local strategy
Medium	Good	Formally identified in local strategy
Medium	Good	Location ecologically desirable but not in local strategy

Medium	Moderate	Location ecologically desirable but not in local strategy
Medium	Moderate	Formally identified in local strategy
Medium	Moderate	Location ecologically desirable but not in local strategy



Suggested action to address habitat losses	Ecological baseline
	Total habitat units
Same distinctiveness or better habitat required \geq	0.18
Same distinctiveness or better habitat required \geq	3.04
Same distinctiveness or better habitat required \geq	0.50
Same distinctiveness or better habitat required \geq	3.64
Same distinctiveness or better habitat required \geq	0.01
Same broad habitat or a higher distinctiveness habitat required (\geq)	0.81
Same broad habitat or a higher distinctiveness habitat required (\geq)	0.11
Same broad habitat or a higher distinctiveness habitat required (\geq)	0.09
Same distinctiveness or better habitat required \geq	0.01
Same distinctiveness or better habitat required \geq	0.01
Same distinctiveness or better habitat required \geq	0.00
Compensation Not Required	0.00
Compensation Not Required	0.00
Same broad habitat or a higher distinctiveness habitat required (\geq)	0.34
Same broad habitat or a higher distinctiveness habitat required (\geq)	1.41
Same broad habitat or a higher distinctiveness habitat required (\geq)	2.61
Same broad habitat or a higher distinctiveness habitat required (\geq)	3.51

Retention ca		
Area retained	Area enhanced	Baseline units retained
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0		0.00
0.036625		0.34
0.1528301		1.41
0.1894		2.61
0.2658		3.51

Same broad habitat or a higher distinctiveness habitat required (\geq)	0.07	0		0.00
Same broad habitat or a higher distinctiveness habitat required (\geq)	1.04	0		0.00
Same broad habitat or a higher distinctiveness habitat required (\geq)	0.32	0		0.00
	17.70	0.64	0.00	7.87

Total area lost (excluding area of U and Green walls)



Category biodiversity value			Bespoke compensation agreed for unacceptable losses
Baseline units enhanced	Area habitat lost	Units lost	
0.00	0.09	0.18	
0.00	1.38	3.04	
0.00	0.23	0.50	
0.00	1.65	3.64	
0.00	0.00	0.01	
0.00	0.09	0.81	
0.00	0.02	0.11	
0.00	0.01	0.09	
0.00	0.00	0.01	
0.00	0.00	0.01	
0.00	0.00	0.00	
0.00	0.06	0.00	
0.00	0.04	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	0.01	0.07	
0.00	0.11	1.04	
0.00	0.04	0.32	
0.00	3.75	9.83	

Urban trees	3.59
-------------	------

two small trees (removed T31, T36)
One medium tree, one large tree (removed T5, T9)
one medium tree (removed T28)





Condense / Sh
Main M
Broad Habitat
Urban
Urban
Grassland
Urban
Grassland
Heathland and shrub
Urban
Heathland and shrub
Urban
Urban
Urban

Urban

Grassland



271 Cliffe Lane, Gomersal

A-2 Site Habitat Creation

Show Columns

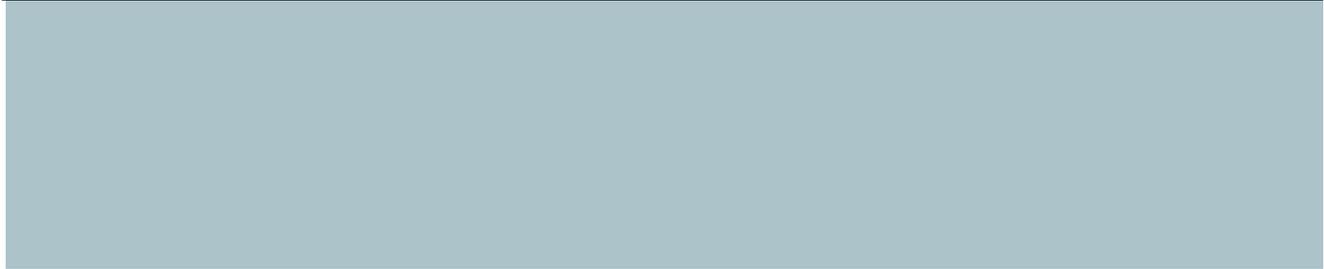
Condense / Show Rows

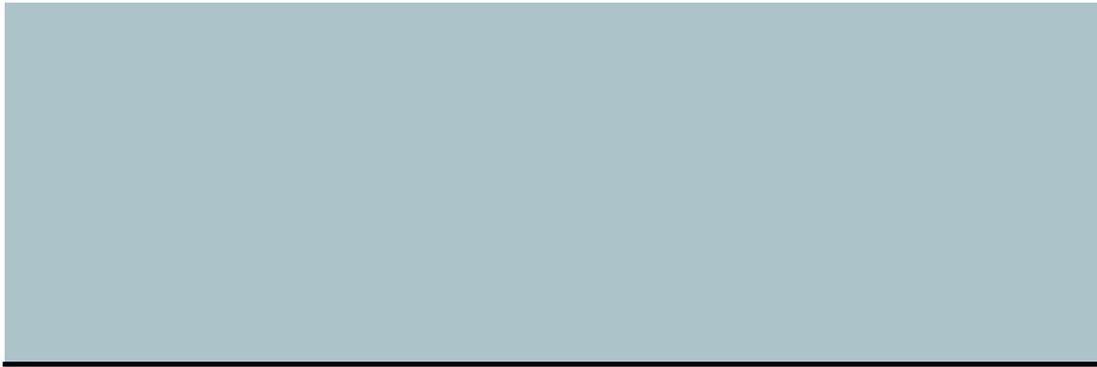
Menu

Instructions

Proposed habitat	Area (hectares)
Urban Tree	0.2849
Urban Tree	1.3217
Modified grassland	0.25365
Vegetated garden	0.41435
Other neutral grassland	0.40598
Mixed scrub	0.0562
Introduced shrub	0.1
Mixed scrub	0.05862
Developed land; sealed surface	2.07
Sustainable urban drainage feature	0.12247
Artificial unvegetated, unsealed surface	0.04

Urban Tree	0.0773
Other neutral grassland	0.07
Total habitat area	5.28
Site Area (Excluding area of Urban trees and Green walls)	3.59



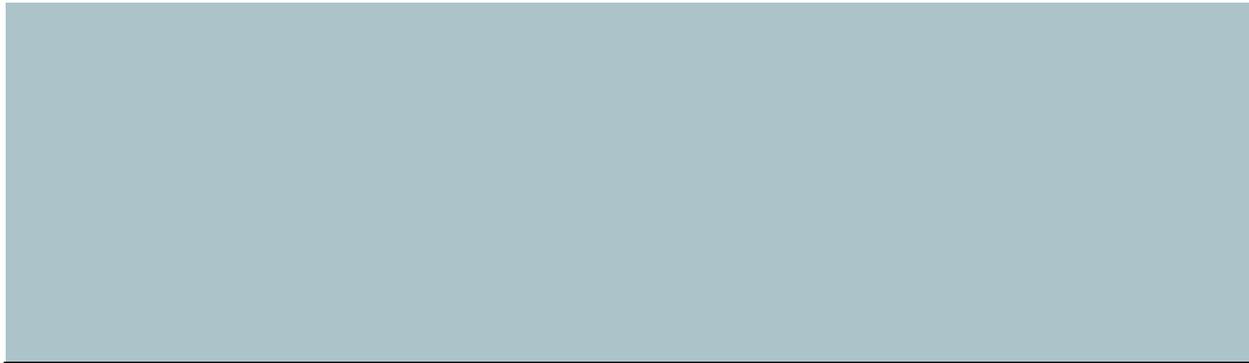


Post development/ post inter

Distinctiveness	Condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Medium	Moderate	Location ecologically desirable but not in local strategy
Medium	Moderate	Location ecologically desirable but not in local strategy
Low	Moderate	Area/compensation not in local strategy/ no local strategy
Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
Medium	Moderate	Location ecologically desirable but not in local strategy
Medium	Moderate	Location ecologically desirable but not in local strategy
Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy
Medium	Moderate	Location ecologically desirable but not in local strategy
V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy
Low	Poor	Area/compensation not in local strategy/ no local strategy
V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy

Medium	Moderate	Location ecologically desirable but not in local strategy
Medium	Moderate	Location ecologically desirable but not in local strategy





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

Standard time to target condition applied	27	Low
Standard time to target condition applied	5	Low

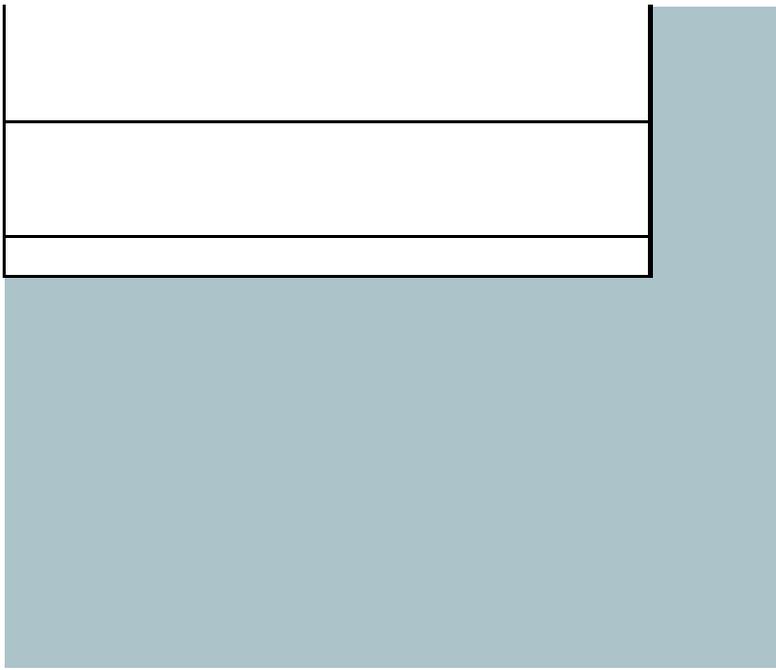




Habitat units delivered	Assessor comments
0.96	70 small trees within verges (includes 46 labelled as medium and 24 labelled as small on PWP plan) - due to location of planting not expected to reach full growth potential
4.44	34 medium trees and 1 large tree within POS to north
0.88	Flowering lawn mix (verges)
0.80	Private vegetated front and rear gardens
2.99	Meadow mix - including 100m2 native bulb planting within meadow mix
0.41	Native planting/scrub mix
0.19	Assumed 1000m2 ornamental planting/hedgerow within private front and rear vegetated gardens
0.43	Native scrub mix (NP7) for southern buffer (formerly Native buffer B1 in previous drawings)
0.00	Buildings and roads
0.16	Permeable paving
0.00	Natural playable space within northern POS

0.26	Native feathered trees within NP7 (19 small trees) - due to location of planting not expected to reach full growth potential
0.52	Hedgerow meadow seed mix used to underseed areas of northern hedgerow
12.04	





Blank input field

Condense / Show C

Main Menu

Blank input field

Baseline ref	Hedge number
1	H1
2	H2
3	H3
4	LT1
5	LT2
6	LT3
7	
8	
9	
10	
11	

Habitat distinctiveness		Habitat condition	
Distinctiveness	Score	Condition	Score
Low	2	Good	3
Medium	4	Good	3
Low	2	Moderate	2
Low	2	Poor	1
Low	2	Poor	1

Strategic significance		
Strategic significance	Strategic significance	Strategic position multiplier
Formally identified in local strategy	High strategic significance	1.15
Formally identified in local strategy	High strategic significance	1.15
Formally identified in local strategy	High strategic significance	1.15
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

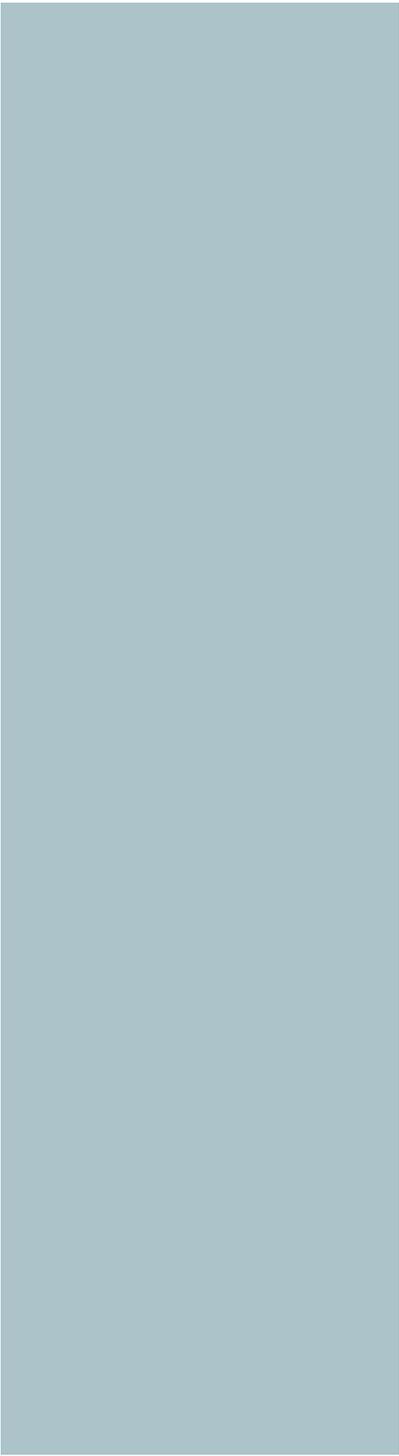
Suggested action to address habitat losses	Ecological baseline
	Total hedgerow units
Same distinctiveness band or better	0.43
Like for like or better	2.79
Same distinctiveness band or better	0.35
Same distinctiveness band or better	0.22
Same distinctiveness band or better	0.03
	3.82

Retention category biodiversity value			
Length retained	Length enhanced	Units retained	Units enhanced
0.062		0.43	0.00
0.202		2.79	0.00
0.077		0.35	0.00
0.099		0.22	0.00
0		0.00	0.00
0.44	0.00	3.79	0.00



ue		Comm
Length lost	Units lost	Assessor comments
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.02	0.03	
0.02	0.03	





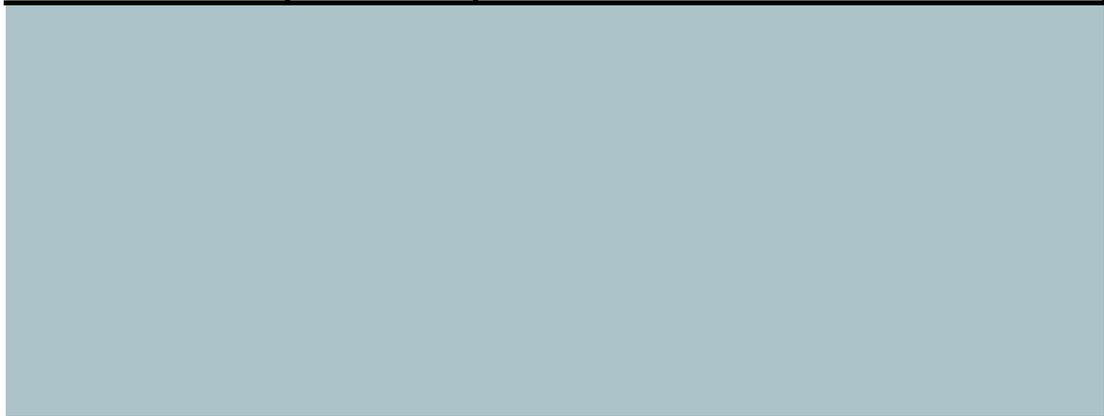
Condense / Show

Main Me

Baseline ref	New hedge number
1	
2	
3	
4	
5	
6	



Habitat distinctiveness	Habitat condition	Strategic significance
Distinctiveness	Condition	Strategic significance
Medium	Moderate	Formally identified in 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	5	Low	1.10
			1.10



Comments	
Assessor comments	Reviewer comments
Mixed species native hedgerow	



