

The Biodiversity Metric

Start

Project details	
Planning authority:	
Project name:	271
Applicant:	Qu
Application type:	Ful
Planning application reference:	
Assessor:	Sme
Reviewer:	
Metric version:	
Assessment date:	Original issued 02.
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
Full planning permission
2023/20293
Eden Foreman Limited.
Revision H
08.2023 Revision H issued 02.09.2024

Enter data
Automatic lookup
Result

Instructions

Main menu

Results

View all

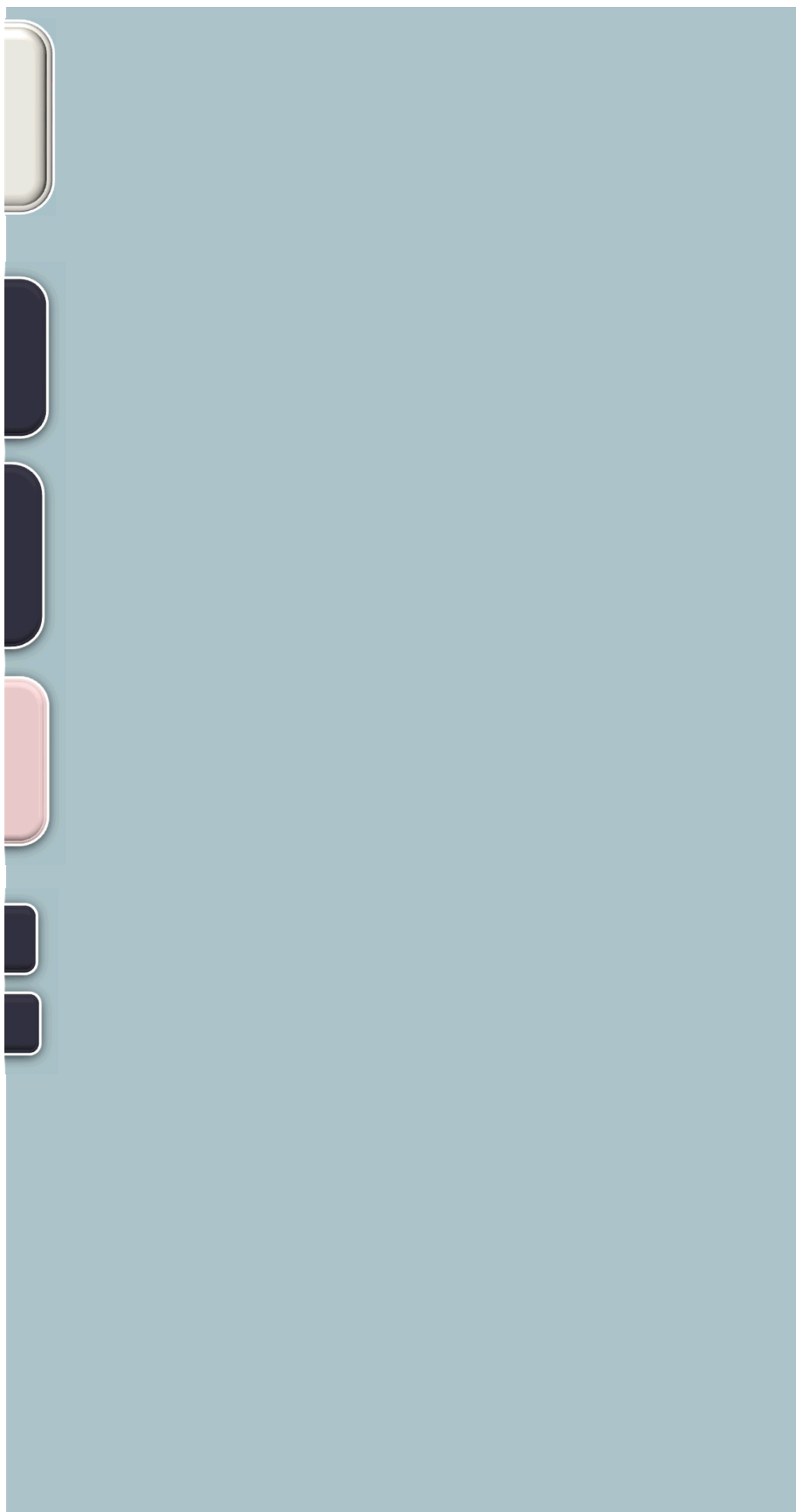
Reset view

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

Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	River units
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	Habitat units
	Hedgerow units
	River units
Trading rules Satisfied?	Yes

17.70
3.82
0.00

19.54
5.16
0.00

10.42%
35.10%
0.00%

0.00
0.00
0.00

0.00
0.00
0.00

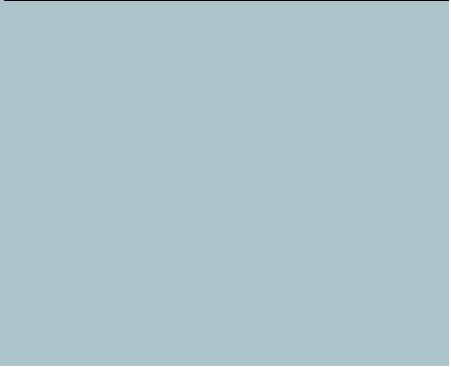
1.84
1.34
0.00
10.42%
35.10%
0.00%
es ✓





	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	Urban
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	0.113

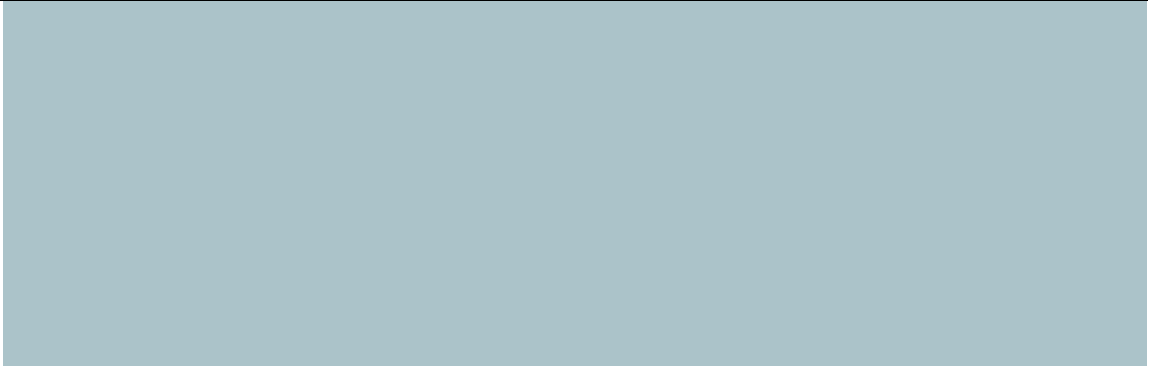
Urban Tree	0.0081
Urban Tree	0.113
Urban Tree	0.0366
Urban Tree	0.1528
Total habitat area	4.40





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
Medium	Good	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 ($\geq$)	1.49

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
0.113		1.49

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
Same broad habitat or a higher distinctiveness habitat required ($\geq$)	2.02		0		0.00
	17.70			0.49	0.00



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	

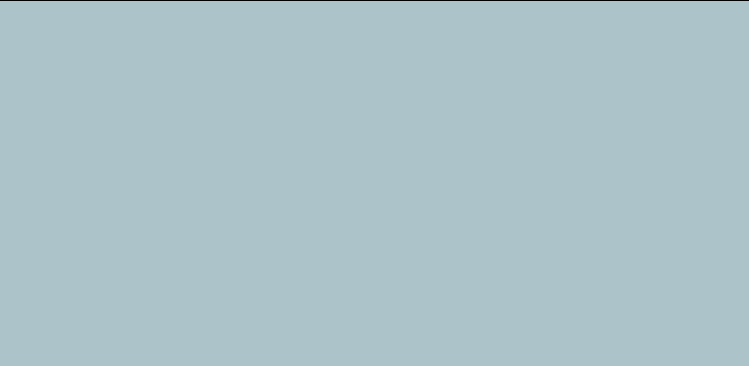
0.00	0.01	0.07	
0.00	0.11	1.04	
0.00	0.04	0.32	
0.00	0.15	2.02	
0.00	3.90	11.85	

Urban trees	3.59
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Comments
Assessor comments
Buildings B1-8
one medium tree (retained T17)
Two large trees (retained T1, T4)
one medium tree, two large trees (retained T2, T3, T34)
one medium tree, one large tree (retained T29, T30)

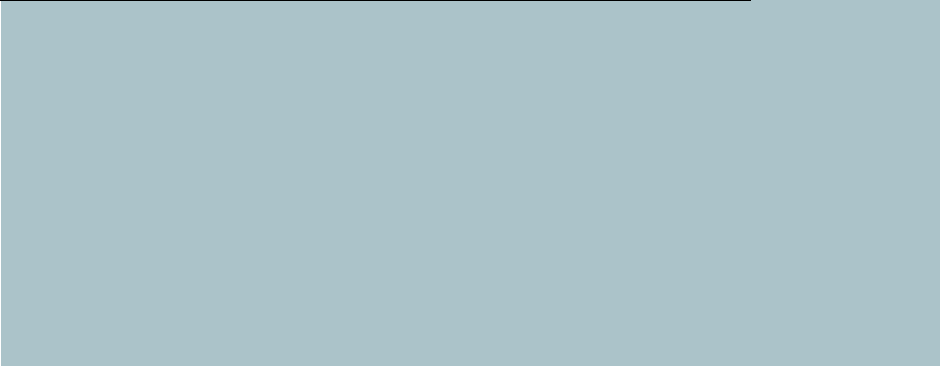
two small trees (removed T31, T36)
One medium tree, one large tree (removed T5, T9)
one medium tree (removed T28)
two large trees (removed T32, T33)



Conclusions

Reviewer comments

[illegible]



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



271 Cliffe Lane, Gomersal

A-2 Site Habitat Creation

Show Columns

Condense / Show Rows

Menu

Instructions

Proposed habitat	Area (hectares)
Urban Tree	0.2075
Urban Tree	1.7042
Modified grassland	0.1504
Vegetated garden	0.7236
Other neutral grassland	0.5644
Mixed scrub	0.1428
Sustainable urban drainage feature	0.10828
Developed land; sealed surface	1.9
Total habitat area	5.50

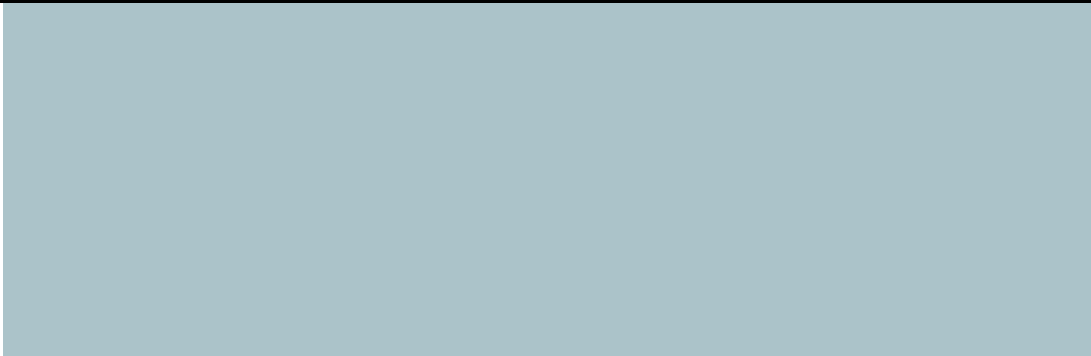
Site Area (Excluding area of Urban trees and Green walls)	3.59
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Post development/ post inter

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	Poor	Area/compensation not in local strategy/ no local strategy
V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy

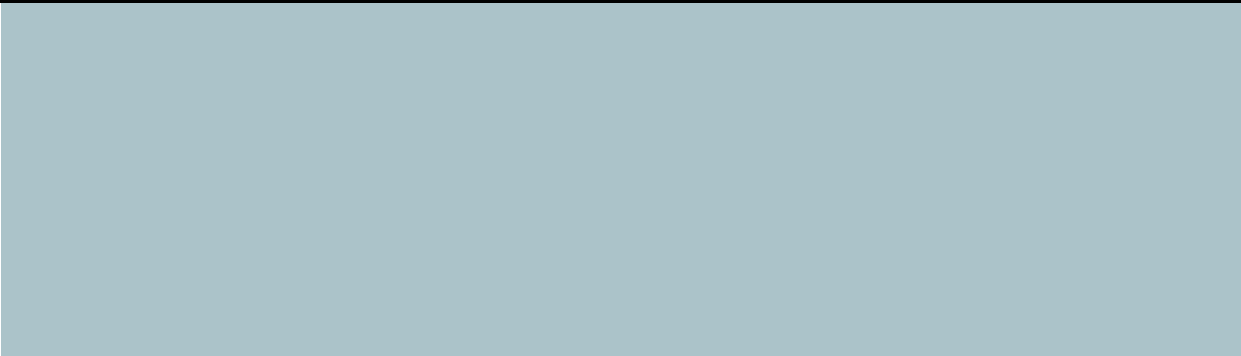






ervention habitats

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	Medium
Standard time to target condition applied	0	Medium







Habitat units delivered	Con
	Assessor comments
0.70	51 small trees within roadside verges and landscape buffer
5.73	13 small and 43 medium trees, and 1 large tree within POS to north
0.52	
	Flowering lawn mix (verges)
1.40	Private vegetated front and rear gardens (including areas of ornamental planting within private gardens)
4.16	Meadow mix - including 100m2 native bulb planting within meadow mix
1.05	
	Native planting/scrub mix
0.14	
	Permeable paving/surfacing
0.00	
	Buildings and roads
13.70	





[illegible]

Condense / Show C

Main Menu

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

B-1 Site Hedge Baseline

columns

Condense / Show Rows

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Instructions

UK Habitats - existing habitats

[illegible]



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	Retention category biodiversity value			
	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced
Same distinctiveness band or better	0.43	0.062		0.43	0.00
Like for like or better	2.79	0.202		2.79	0.00
Same distinctiveness band or better	0.35	0.077		0.35	0.00
Same distinctiveness band or better	0.22	0.099		0.22	0.00
Same distinctiveness band or better	0.03	0		0.00	0.00
	3.82	0.44	0.00	3.79	0.00



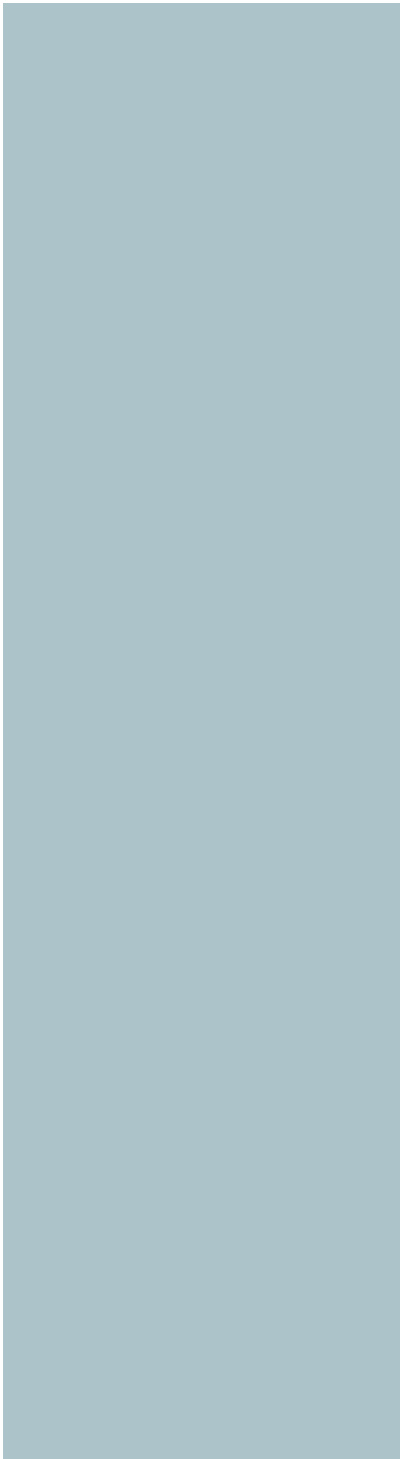
ue		Comm
Length lost	Units lost	Assessor comments
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.00	0.00	
0.02	0.03	
0.02	0.03	



ments

Reviewer comments

[illegible]



Condense / Show

Main Me

Baseline ref	New hedge number
1	
2	
3	
4	
5	
6	

B-2 Site Hedge Creation

Show Columns

Condense / Show Rows

Menu

Instructions

Proposed habitats	
Habitat type	Length (km)
Native Species Rich Hedgerow	0.1783
0.18	



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	1.37
			1.37

Comments	
Assessor comments	Reviewer comments
Mixed species native hedgerow	

