

# The Biodiversity Metric 2.0 - Calculation Tool

## Start page

### Project details

Planning authority:	Kirklees
Project name:	Heathfield Lane
Applicant:	Orange Design Studio
Application type:	Planning
Planning application reference:	2019/91534
Assessor:	David Watts
Reviewer:	
Revision:	1
Assessment date:	19/12/2019
Planning authority reviewer:	

### Cell style conventions

	Enter data
	Automatic lookup
	Result

Instructions

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Results

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# The Biodiversity Metric 2.0 - Calculation Tool

## Main menu

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Technical data

Results

Street tree helper

Tree size	Tree number	Area
Small		0.0000
Medium		0.0000
Large		0.0000
Total	0.00	0.0000

Start here

1

2

3

4

On-site  
baseline

A-1  
On-site  
habitat

B-1  
On-site  
hedge  
baseline

C-1  
On-Site  
river  
baseline

On-site post development

A-2 Habitat  
creation

A-3 Habitat  
enhancement

A-4 Habitat  
accelerated  
succession

B-2 Hedgerow  
creation

B-3 Hedgerow  
enhancement

C-2 River  
creation

C-3 River  
enhancement

Off-site  
baseline

D-1  
Off-site  
habitat

E-1  
Off-site  
hedge  
baseline

F-1  
Off site  
river  
baseline

Off-Site post development

D-2 Habitat  
creation

D-3 Habitat  
enhancement

D-4 Habitat  
accelerated  
succession

E-2 Hedgerow  
creation

E-3 Hedgerow  
enhancement

F-2 River  
creation

F-3 River  
enhancement

Heathfield Lane

## Headline Results

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On-site baseline	Habitat units	3.15
	Hedgerow units	0.00
	River units	0.00
On-site post-intervention (Including habitat retention, creation, enhancement & succession)	Habitat units	0.58
	Hedgerow units	0.00
	River units	0.00
Off-site baseline	Habitat units	0.00
	Hedgerow units	0.00
	River units	0.00
Off-site post-intervention (Including habitat retention, creation, enhancement & succession)	Habitat units	0.00
	Hedgerow units	0.00
	River units	0.00
Total net unit change (including all on-site & off-site habitat retention/creation)	Habitat units	-2.57
	Hedgerow units	0.00
	River units	0.00
Total net % change (including all on-site & off-site habitat creation + retained habitats)	Habitat units	-81.71%
	Hedgerow units	0.00%
	River units	0.00%

Heathfield Lane  
 A-1 Site Habitat Baseline

Condense / Show Columns    Condense / Show Rows

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Ref	Habitats and areas			Habitat distinctiveness		Habitat condition		Ecological connectivity			Strategic significance			Suggested action to address habitat losses	Ecological baseline Total habitat units	
	Broad Habitat	Habitat type	Area (hectares)	Distinctiveness	Score	Condition	Score	Ecological connectivity	Connectivity	Connectivity multiplier	Strategic significance	Strategic significance	Strategic position multiplier			
1	Grassland	Grassland - Modified grassland	0.2	Low	2	Fairly Poor	1.5	Medium	Moderately connected habitat	1.1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness or better habitat required	0.73	
2	Heathland and shrub	Heathland and shrub - Bramble scrub	0.2	Medium	4	Fairly Good	2.5	Medium	Moderately connected habitat	1.1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required	2.42	
3																
4																
5																
<b>Total site area ha</b>			<b>0.40</b>												<b>Total Site baseline</b>	<b>3.15</b>

Comments	
Assessor comments	Reviewer comments

Heathfield Lane

**A-2 Site Habitat Creation**

Condense / Show Colours

Condense / Show Rows

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Post development/ post intervention habitats																
Proposed habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Ecological connectivity			Strategic significance			Temporal multiplier		Difficulty multipliers		Habitat units delivered
						Ecological connectivity	Connectivity	Connectivity multiplier	Strategic significance	Strategic significance	Strategic position multiplier	Time to target condition/years	Time to target multiplier	Difficulty of creation category	Difficulty of creation multiplier	
Urban - Developed land; sealed surface	0.2	V.Low	0	N/A - Other	0	Medium	Moderately connected habitat	1.1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0	1.000	Low	1	0.00
Urban - Vegetated garden	0.1	Low	2	Poor	1	Medium	Moderately connected habitat	1.1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1	0.965	Low	1	0.21
Heathland and shrub - Bramble scrub	0	Medium	4	Good	3	Medium	Moderately connected habitat	1.1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	5	0.837	Low	1	0.00
<b>Totals</b>	<b>0.30</b>															<b>0.21</b>

Comments	
Assessor comments	Reviewer comments