

The Biodiversity Metric 2.0 - Calculation Tool

Start page

Project details

Planning authority:	Kirklees
Project name:	Plane Street
Applicant:	
Application type:	
Planning application reference:	
Assessor:	Derek Whitcher
Reviewer:	
Revision:	
Assessment date:	8th February 2021
Planning authority reviewer:	

Cell style conventions

	Enter data
	Automatic lookup
	Result

Instructions

Main menu

Results

View all

Reset view

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Instructions

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

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Headline results

Detailed results

Habitat trading
summary

Plane Street

Headline Results

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On-site baseline	Habitat units	5.00
	Hedgerow units	0.00
	River units	0.00
On-site post-intervention (Including habitat retention, creation, enhancement & succession)	Habitat units	0.61
	Hedgerow units	1.30
	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	-4.39
	Hedgerow units	1.30
	River units	0.00
Total net % change (including all on-site & off-site habitat creation + retained habitats)	Habitat units	-87.74%
	Hedgerow units	Check Data
	River units	0.00%

Plane Street
A-1 Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

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Instructions

Habitats and areas				Habitat distinctiveness		Habitat condition	
Ref	Broad Habitat	Habitat type	Area (hectares)	Distinctiveness	Score	Condition	Score
1							
2	Heathland and shrub	Heathland and shrub - Mixed scrub	0.2176	Medium	4	Fairly Good	2.5
3	Heathland and shrub	Heathland and shrub - Mixed scrub	0.3593	Medium	4	Fairly Poor	1.5
4	Urban	Urban - Developed land; sealed surface	0.1457	V.Low	0	N/A - Other	0
5							
Total site area ha			0.72				

Ecological connectivity			Strategic significance			Suggested action to address habitat losses	Ecological baseline
Ecological connectivity	Connectivity	Connectivity multiplier	Strategic significance	Strategic significance	Strategic position multiplier		Total habitat units
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	2.63
Low	Unconnected habitat	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required	2.37
N/A	Assessment not appropriate	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Compensation Not Required	0.00
						Total Site baseline	5.00

Retention category biodiversity value								Bespoke compensation agreed for unacceptable losses	Comments	
Area retained	Area enhanced	Area succession	Baseline units retained	Baseline units enhanced	Baseline units succession	Area lost	Units lost		Assessor comments	Reviewer comments
			0.00	0.00	0.00	0.22	2.63			
			0.00	0.00	0.00	0.36	2.37			
			0.00	0.00	0.00	0.15	0.00			
0.00	0.00	0.00	0.00	0.00	0.00	0.72	5.00			

Plane Street
A-2 Site Habitat Creation

Condense / Show Columns Condense / Show Rows

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Post development/ post intervention habitats																	Comments		
Proposed habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Ecological connectivity			Strategic significance			Temporal multiplier		Difficulty multipliers		Habitat units delivered	Assessor comments	Reviewer comments	
						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 - Amenity grassland	0.04	Low	2	Moderate	2	Medium	Moderately connected habitat	1.1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	3	0.899	Low	1	0.17			
Urban - Vegetated garden	0.207	Low	2	Poor	1	Low	Unconnected habitat	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	1	0.965	Low	1	0.44			
Urban - Developed land; sealed surface	0.4845	V.Low	0	N/A - Other	0	N/A	Assessment not appropriate	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	0	1.000	Low	1	0.00			
Totals	0.73															Total Units	0.61		

Error - Area of development and habitat creation must match the area of habitats lost

Plane Street

B-2 Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

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Instructions

		Proposed habitats		Habitat distinctiveness		Habitat condition		Ecological connectivity		
Baseline ref	New hedge number	Habitat type	Length km	Distinctiveness	Score	Condition	Score	Ecological connectivity	Connectivity	Connectivity multiplier
1		Native Species Rich Hedgerow	0.24	Medium	4	Moderate	2	Medium	Moderately connected habitat	1.1
2										
3										
4										
5										
		Creation Length/KM		0.24						

Multipliers						Hedge units delivered	Comments	
Spatial quality			Temporal multiplier		Difficulty of creation multiplier		Assessor comments	Reviewer comments
Strategic significance			Time to target condition/years	Time to target multiplier				
Strategic significance	Strategic significance	Strategic position multiplier						
Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	5	0.837	0.67	1.30		
						1.30		