

The Biodiversity Metric 2.0 - Calculation Tool

Main menu

Start page

Instructions

Technical data

Results

Street tree helper		
Tree size	Tree number	Area
Small	110	0.0497
Medium		0.0000
Large		0.0000
Total	110.00	0.0497

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

The Biodiversity Metric 2.0 - Calculation Tool

Start page

Project details

Planning authority:	
Project name:	North Bierley, Phase 2
Applicant:	
Application type:	
Planning application reference:	
Assessor:	
Reviewer:	
Revision:	Revised inline with ER-5528-06C EclA
Assessment date:	
Planning authority reviewer:	

Cell style conventions

	Enter data
	Automatic lookup
	Result

Instructions

Main menu

Results

View all

Reset view

North Bierley, Phase 2

Headline Results

Return to results menu

On-site baseline	Habitat units	23.20
	Hedgerow units	0.00
	River units	2.56
On-site post-intervention (Including habitat retention, creation, enhancement & succession)	Habitat units	25.56
	Hedgerow units	0.00
	River units	2.56
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	2.36
	Hedgerow units	0.00
	River units	0.00
Total net % change (including all on-site & off-site habitat creation + retained habitats)	Habitat units	10.17%
	Hedgerow units	0.00%
	River units	0.00%

North Bierley, Phase 2
A-1 Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Ref	Habitats and areas			Habitat distinctiveness	Habitat condition	Ecological connectivity	Strategic significance	Suggested action to address habitat losses	Ecological baseline
	Broad Habitat	Habitat type	Area (hectares)	Distinctiveness	Condition	Ecological connectivity	Strategic significance		
1	Urban	Urban - Vacant/derelict land/ bareground	0.91	Low	Poor	Low	Location ecologically desirable but not in local strategy	Same distinctiveness or better habitat required	2.00
2	Urban	Urban - Artificial unvegetated, unsealed surface	1.3	V.Low	N/A - Other	Low	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
3	Grassland	Grassland - Other neutral grassland	0.39	Medium	Poor	Low	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required	1.72
4	Grassland	Grassland - Other neutral grassland	1.13	Medium	Poor	Low	Within area formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required	5.20
5	Grassland	Grassland - Other neutral grassland	2.85	Medium	Poor	Low	Location ecologically desirable but not in local strategy	Same broad habitat or a higher distinctiveness habitat required	12.54
6	Heathland and shrub	Heathland and shrub - Mixed scrub	0.37	Medium	Poor	Low	Within area formally identified in local strategy	Same broad habitat or a higher distinctiveness habitat required	1.70
7	Urban	Urban - Street Tree	0.01	Low	Moderate	Low	Within area formally identified in local strategy	Same distinctiveness or better habitat required	0.05
8									
9									
10									
11									
Total site area ha			6.95				Total Site baseline		23.20

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
	0.12		0.00	0.26	0.00	0.79	1.74		Adjacent to KWHN.	
			0.00	0.00	0.00	1.30	0.00		Bare soil.	
0.39			1.72	0.00	0.00	0.00	0.00		Grassland between Hunsworth Beck and Hanging Wood. Adjacent to KWHN. Himalyan balsam. Retained- see EclA.	
			0.00	0.00	0.00	1.13	5.20		Western grassland area. Mapped as KWHN.	
	2.26		0.00	9.94	0.00	0.59	2.60		Western grassland area. Adjacent to KWHN.	
0.37			1.70	0.00	0.00	0.00	0.00		Within area mapped as KWHN. Japanese knotweed & Himalyan balsam. Retained- see EclA.	
0.01			0.05	0.00	0.00	0.00	0.00		4 scattered trees within grassland. Within KWHN.	
0.77	2.38	0.00	3.46	10.21	0.00	3.81	9.53			

North Bierley, Phase 2
A-2 Site Habitat Creation

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Post development/ post intervention habitats										
Proposed habitat	Area (hectares)	Distinctiveness	Condition	Ecological	Strategic significance	Temporal multiplier	Difficulty	Habitat units delivered	Comments	
				Ecological connectivity	Strategic significance	Time to target condition/years	Difficulty of creation category		Assessor comments	Reviewer comments
Urban - Developed land; sealed surface	2.84	V.Low	N/A - Other	Low	Within area formally identified in local strategy	0	Low	0.00	Based on figure 7.1 of EclA. Within KWHN.	
Urban - Sustainable urban drainage feature	0.97	Low	Moderate	Low	Location ecologically desirable but not in local strategy	3	Medium	2.57	New SuDS- see figure 7.1 of EclA. Adjacent to KWHN.	
Urban - Street Tree	0.5	Low	Moderate	Low	Within area formally identified in local strategy	27	Low	0.88	110 new small trees planted within grassland. Within KWHN.	
Totals	3.81							3.45		

North Bierley, Phase 2
C-1 Site River Baseline

Condense / Show Columns

Condense / Show Rows

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Existing river type			Habitat distinctiveness	Habitat condition	Strategic significance		Suggested action	Ecological baseline
Baseline ref	River type	length KM	Distinctiveness	Condition	Strategic significance	Strategic significance		Total river units
1	Rivers & Streams (Other)	0.18	Medium	Moderate	Within Local Plans	High strategic significance	Avoid	2.484
2	Rivers & Streams (Other)	0.02	Medium	Poor	Low potential/ action not identified in any plan.	Low Strategic Significance	Avoid	0.08
3								
4								
5								
Total site length KM		0.20					Total Site	2.56

Retention category biodiversity value						Comments	
Length retained	Length enhanced	Units retained	Units enhanced	Length impacted	Units Lost	Assessor Comments	Reviewer comments
0.18		2.484	0	0	0	Hunsworth Beck within Site boundary. Within KWHN.	
0.02		0.08	0	0	0	Small watercourse to north-west.	
0.20	0.00	2.56	0.00	0.00	0.00		