## Warwickshire Coventry and Solihull - Biodiversity Impact Assessment Calculator

KEY	
	No action required
	Enter value
	Drop-down menu
	Calculation
	Automatic lookup
	Result

Local Planning Authority:	Cherwell
Site name:	Bicester Gateway
Planning application reference number:	16/02586/OUT
Assessor:	S Taber / J Hepworth-Bell
Date:	22.04.2020

## v. 18.3 08/08/2014

Amendment from v18.2 only affects green roofs, for o Please fill in both tables

Please do not edit the formulae or structure
To condense the form for display hide vacant rows, do not delete them
If additional rows are required,
or to provide feedback on the calculator please contact WCC Ecological Services

	Result Habitat Biodiversity Value												
		Existing habitats on site Please enter all habitats within the site bounda		Habitat dist	inctiveness	Habitat o	condition	no chan	no change within development Habitats to be retained and enhanced within development		Habitats to be <u>lost</u> within development		
. Note	code	Phase 1 habitat description	Habitat area (ha)	Distinctiveness	Score	Condition	Score	Area (ha)	Existing value	Area (ha)	Existing value	Area (ha)	Existing value
		Direct Impacts and retained habitats			А		В	С	$A \times B \times C = D$	E	$A \times B \times E = F$	G	$A \times B \times G = H$
2	B22	Grassland: Semi-improved neutral grassland	2.19	Medium	4	Poor	1					2.19	8.76
C1		Woodland: Dense continuous scrub	0.47	Medium-Low	3	Poor	1					0.47	1.41
		Woodland: Dense continuous scrub	0.46	Medium-Low	3	Poor	1			0.46	1.38		
		7	otal 3.12				Tota	0.00	0.00	0.4	6 1.38	2.66	10
			0.12				1014	0.00	0.00	0.4	1.50	2.00	• D + • F + • H
											Site habitat b	odiversity value	
		Indirect Negative Impacts						Value of loss fr	om indirect impa	cts		·	
Be	ore/after	Including off site habitats						KxAxB					
	impact		K					= Li, Lii	Li - Lii				
	Before												
	After												
	Before After												
	Before												
	After												
	Before												
	After												
	Before												
	Deloie												
	After	r	otal 0.00					N	0.00				HIS = J + M

	Proposed habitats on site (Onsite mitigation)		Target habitats distinctiveness		Target habitat condition		Time till tarç		get condition	Difficulty of creation / restoration		Habitat	
Note	code	Phase 1 habitat description	Area (ha)	Distinctiveness	Score	Condition	Score		Time (years)	Score	Difficulty	Score	biodiversity value
		Habitat Creation	N		0		Р			Q		R	(N x O x P) Q / R
	n/a	Built Environment: Buildings/hardstanding	1.71	none	0	Poor	1		5 years	1.2	Low	1	0.00
	B22	Grassland: Semi-improved neutral grassland	0.06	Medium	4	Good	3		5 years	1.2	Medium	1.5	0.40
	A112	Woodland: Broad-leaved plantation	0.53	Medium	4	Good	3		5 years	1.2	Medium	1.5	3.53
	n/a	Built Environment: Gardens (lawn and planting)	0.11	Low	2	Poor	1		5 years	1.2	Low	1	0.18
	J12	Grassland: Amenity grassland	0.12	Low	2	Poor	1		5 years	1.2	Low	1	0.20
	A3	Woodland: Scattered trees	0.09	Medium	4	Good	3		5 years	1.2	Low	1	0.90
	A22	Woodland: Scattered scrub	0.04	Medium	4	Poor	1		5 years	1.2	Low	1	0.13
		Tota	2.66	5									
		Habitat Enhancement						Existing value S ( = F )					(( N x O x P) - S) Q / R
		Woodland: Dense continuous scrub	0.46	Medium-Low	3	Moderate	2	1.38	5 years	1.2	Low	1	1.15
												+	
											Trading down	n correction value	-0.3
		Tota	0.46										0.0
		Tota	al 0.46								Habitat Mitigat	ion Score (HMS)	6.1
		Tota	al <b>0.4</b> 6								Habitat Mitigat	ion Score (HMS)	6.
		Tota	al 0.46								Habitat Mitigat	ion Score (HMS)	6.1 HBIS = HMS - HIS

KEY		
	No action required	
	Action required	
	Drop-down menu	
	Calculation	
	Automatic lookup	
	Overall Result	Loss to biodiversity
	Overali Result	Gain to biodiversity

ther habitats v18.2 still usable.

Comment	
J	

Comment		
Incorporates swales, which will be planted with a native species-rich wet grassland seed mixture		