Warwickshire Coventry and Solihull - Biodiversity Impact Assessment Calculator

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

Local Planning Authority:	Warwickshire
Site name:	Berry Hill Road, Adderbury
Planning application reference number:	
Assessor:	Olivia Collington BSc (Hons), ACIEEM
Date:	17/10/2019

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

Į.		Result	l							Habitat Bi	iodiversity Value	!	
		Existing habitats on site Please enter all habitats within the site boundary		Habitat dist	inctiveness	Habitat c	ondition	Habitats to be retained with no change within enhanced within development development		Habitats to be <u>lost</u> within development			
. Note		Phase 1 habitat description	Habitat area (ha)	Distinctiveness	Score	Condition	Score	Area (ha)	Existing value		Existing value		Existing value
		Direct Impacts and retained habitats			A		В	С	$A \times B \times C = D$	Е	AxBxE=F	G	A x B x G = H
	B4	Grassland: Improved grassland	3.59	Low	2	Poor	1			0.75	1.50	2.84	5.68
	n/a	Built Environment: Buildings/hardstanding	0.11	none	0	Poor	1					0.11	0.00
\longrightarrow	C31	Other: Tall ruderal	0.07	Medium-Low	3	Poor	1					0.07	0.21
		Other: Bare ground	0.07	Low	2	Poor	1					0.07	0.18
		Woodland: Scattered trees	0.09	Medium	4	Moderate	2					0.14	1.12
	7.10	Woodidna. Goditorod troco	0.14	Wicalam		Wiodorato						0.14	2
\longrightarrow													
		Total	4.00)			Tota	0.00	0.00	0.75	1.50	3.25	
													•D+•F+•H
		I B AN A L						Malus afters for	and the disease the same		Site habitat b	iodiversity value	8.6
Pof	ara/aftar	Indirect Negative Impacts						K x A x B	om indirect impa	CIS			
Deli		Including off site habitats	K					= Li, Lii	Li - Lii				
—	impact Before		IX.					- Li, Lii	2, 2,,				
	After												
	Before												
- 1	After												
	Before												
	After												
l l	Aitei												
	Before								<u> </u>				
	Before After												
	Before After Before												
	Before After		0.00					N	0.00				HIS = J + M

	Proposed habitats on site (Onsite mitigation)	Target habitats distinctiveness		Target habitat condition			Time till target conditi		ition Difficulty of creation / restoration		Habitat	
ote code		Area (ha)	Distinctiveness	Score	Condition	Score		Time (years)	Score	Difficulty	Score	biodiversity valu
0000	Habitat Creation	N		О		Р		()	Q		R	(N x O x P) Q / R
A11:	12 Woodland: Broad-leaved plantation	0.23	Medium	4	Moderate	2		30 years	2.8	Medium	1.5	0.44
A22		0.25	Medium	4	Good	3	-	10 years	1.4	Low	1.0	1.29
n/a		1.65	none	0	Poor	1	-	5 years	1.2	Low	1	0.00
n/a		0.28	Low	2	Poor	1		5 years	1.2	Low	1 1	0.47
J4	()	0.06	Low	2	Poor	1	-	5 years	1.2	Low	1	0.10
G1		0.13	High	6	Moderate	2	-	10 years	1.4	Medium	1.5	0.74
J12		0.75	Low	2	Poor	1	-	5 years	1.2	Low	1.0	1.25
312	Grassianu. Amenity grassianu	0.73	LOW		F 001	'	-	J years	1.2	LOW	'	1.23
							-					
							-					
		Total 3.2	5									
	Habitat Enhancement	5.2	9				Existing value					((N x O x P) - S)
							S (= F)					Q/R
B22	2 Grassland: Semi-improved neutral grassland	0.75	Medium	4	Moderate	2	1.50	10 years	1.4	Low	1	3.21
		Total 0.7	5								n correction valu	
										Habitat Mitigat	ion Score (HMS	
												HBIS = HMS - F
									L Ha	<u>ıbitat Bi</u> odivers	ity Impact Scor	e

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
Broadleaved woodland to be planted. It is anticipated that whips would be used for planting, and therefore 30 years would be required to achieve a moderate condition in accordance with FEP manual criteria. Habitat To8 is used as this is deemed
FEP habitat VO5 Scrub of High Environmental Value will be used as the condition assessment of this. Given the low difficulty of creation and quick growing of scrub, it is anticipated a "Good" condition could be achieved within 10 years
The state vector of the trivial mental value will be deed do the condition decession of the condition and quick growing or certain, the anticipation at the condition of the years
A large wetland feature is proposed to the north of the site. This area is mainly proposed as SUDS, however it is also possible to be valuable for wildlife at the same time. Habitat W07 Ponds is the condition assessment used and will
POS will be rotationally managed as detailed with POS. I.E. allowed to be longer at certain times of the year and then mown.
Enhancements to be detailed within Habitat Management and Enhancement Plan - which could be conditioned. Enhancements would include supplementary seeding using appropriate seed mix, management including a summer hay cut, scrub co
Emiliancements to be detailed within Habitat warragement and Emiliancements would include supplementary seeding using appropriate seed mix, management including a summer may cut, scrub co

Gain