## Warwickshire Coventry and Solihull - Biodiversity Impact Assessment Calculator

## v. 17.7: 16/01/2014 Please fill in both tables

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

Local Planning Authority: Site name: Planning application reference number: Assessor: Date: 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	-	Date:			1			1	please contact	WUU ECOlogic	al Services	J
		nesuit	1					Habitat Biodiversity Value						1
j	1					1		Habitats to h	e retained with			1		4
	Existing habitats on site Please enter all habitats within the site boundary			Habitat disti	Habitat distinctiveness		Habitat condition		no change within		enhanced within		to be <u>lost</u> within relopment	
-		Please enter <u>an</u> habitats within the site boundary						devel	lopment	develo	opment	dev	elopment	
			Habitat area		_									Comment
T. Note	code	Phase 1 habitat description	(ha)	Distinctiveness		Condition	Score	Area (ha)	Existing value	Area (ha)	Existing value	Area (ha)	Existing value	
		Direct Impacts and retained habitats			A		В	С	$A \times B \times C = D$	E	A x B x E = F		A x B x G = H	
	C31	Other: Tall ruderal	0.08	Low	2	Poor	1			0.04		0.08	0.15	
	A22	Woodland: Scattered scrub	0.05	Medium	4	Poor	1			0.04	0.16	0.01	0.04	
	J11 A111	Other: Arable Woodland: Broad-leaved semi-natural woodland	6.54 0.18	Low High	2	Poor Moderate	1 2			1.59 0.18	3.18 2.16	4.95	9.90	
	ATT	woodiand: Broad-leaved semi-natural woodiand	0.10	High	0	Moderate	2			0.16	2.10			
		Total	6.8	5			Tota	0.0	0.00	1.81	5.50	5.04	10.09	
		i ota	0.0	<u>.</u>			1018	0.00	0.00	1.01	0.00	0.04	ΣD + ΣF + ΣH	
											Site habitat bi	odiversity value	15.59	
		Indirect Impacts						Value of loss	from indirect imp	acts			10.00	
Bef	ore/after	Including off site habitats						K x A x B						
	impact		к					= Li, Lii	Li - Lii					
		Grassland: Semi-improved neutral grassland	6.08	Medium	4	Moderate	2	48.64	24.32					
	After					Poor	1	24.32						
	Before													
	After													
	Before													
	After													
	Before													
	After													
	Before													
	After													
		Total	6.0	8				Ν	1 24.32				HIS = J + M	
											Habitat Impa	ct Score (HIS)	34.41	

## Habitat Impact Score (HIS) 34.41

Proposed habitats on site (Onsite mitigation)		Target habitats distinctiveness		Target habitat condition		Time till target condition		Difficulty of creation / restoration		Habitat				
T Note	code	Phase 1 habitat description	Area (ha)	Distinctiveness	Score	Condition	Score		Time (years)	Score		Score	biodiversity value	Comment
1.11010		Habitat Creation	N		0		Р			Q		R	(N x O x P) / Q / R	
	n/a	Built Environment: Buildings/hardstanding	3.23	none	0	Poor	1		5 years	1.2	Low	1	0.00	
		Built Environment: Gardens (lawn and planting)	1.39	Low	2	Moderate	2		5 years	1.2	Low	1	4.63	
	J12	Grassland: Amenity grassland	0.39	Low	2	Poor	1		5 years	1.2	Low	1	0.65	
					_									
			_											
					-						-			
					+									
		Tota	al 5.0°	EPROR Total a	area of hobitate a	rooted must equal	total area of ha	hitata loot						
		Habitat Enhancement	5.0	ERROR - TUIdi a		sieateu must equal		Existing value					((N x O x P) - S)	
								S (= F)					/Q/R	
	Δ22	Woodland: Scattered scrub	0.04	Medium	4	Moderate	2	0.16	5 years	1.2	Low	1	0.13	
	A111	Woodland: Broad-leaved semi-natural woodland	0.18	High	6	Good	3	2.16	10 years	1.4	Low	1	0.77	
	B22	Grassland: Semi-improved neutral grassland	1.59	Medium	4	Moderate	2	3.18	10 years	1.4	Low	1	6.81	
		Tota	al 1.8 <sup>.</sup>	1							Trading down	correction value	0.00	
										-	labitat Mitigation	on Score (HMS)		
													HBIS = HMS - HIS	
												y Impact Score		Loss
										Percer	ntage of biodive	rsity impact loss	62.21	





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