

Phase 1 Habitat Category	Habitat Area: Pre Works (Hectares)	Habitat Area: Post Works (Hectares)	Climate Region Selected	Habitat Categories from the European Commission Habitat Type Selected	C Veg (tonnes or carbon per hectare of habitat type selected)	Carbon Calculations		CO2 Conversions	
						Total C Veg, tonnes (Pre Works)	Total C Veg, tonnes (Post Works)	Total tCO2 (Pre Works)	Total tCO2 (Post Works)
A1.1.1 Woodland - Broadleaved - Semi natural	7.42	5.85	Cold temperate, moist	Forest (plantation)- broadleaf over 20 years old	60	445	351	1,632	1,287
A1.1.2 Woodland - Broadleaved - Plantation	2.21	0.14		Forest (plantation)- broadleaf over 20 years old	60	133	8	486	31
A1.1.2 Woodland - Broadleaved - Plantation	0.00	76.3		Forest (plantation)- broadleaf over 20 years old	60	0	4578	-	16,786
A1.2 Woodland - Coniferous - Plantation	0.20	0		Forest (plantation)- coniferous over 20 years old	60	12	0	44	-
A1.2 Woodland - Coniferous - Plantation	0.00	0.16		Forest (plantation)- coniferous over 20 years old	60	0	11	-	40
A1.3.2 Woodland - Mixed - Plantation	1.07	0		Forest (plantation)- broadleaf over 20 years old	60	64	0	235	-
A1.3.2 Woodland - Mixed - Plantation	0.00	2.35		Forest (plantation)- broadleaf over 20 years old	60	0	141	-	517
A3.1 Parkland and scattered trees - Broadleaved	0.31	0.14		Forest (plantation)- broadleaf under 20 years old	9	3	1	10	5
A3.1 Parkland and scattered trees - Broadleaved Urban Street Trees	0.09	1.14		Forest (plantation)- broadleaf under 20 years old	9	1	10	3	38
A3.1 Parkland and scattered trees - Broadleaved Parkland Scattered Trees				Forest (plantation)- broadleaf under 20 years old	9	0	0	-	-
J2.3 Boundaries - Hedges - With trees	1.77	1,6915		Forest (not plantation)- 10-30% canopy cover	14	35	24	91	86
B2.2 Neutral grassland - Semi-Improved and species rich	7.38	176.78		Grassland	6.8	50	1202	184	4,408
B4 Improved grassland	40.40	20.88		Grassland	6.8	275	142	1,007	521
B5 Marsh/ marshy grassland	0.00	12.37		Grassland	6.8	0	84	-	308
B6 Poor Semi-improved grassland	21.35	7		Grassland	6.8	145	48	532	175
J1.1 Cultivated/ disturbed land - amenity grassland	2.56	38.92		Grassland	6.8	17	265	64	970
C3.1 Tall Ruderal	4.61	0.83		Scrubland	7.4	34	6	175	23
F1 Swamp (W08 Reedbeds)	3.61	2.12		Scrubland	7.4	27	16	98	58
J1.1 Cultivated/ disturbed land - arable/arable margin	498.88	197.67		Cropland	6.8	3392	1344	12,439	4,929
A2.1 Scrub - Dense/ continuous & A2.2 Scrub - scattered	18.17	10.54		Scrubland	7.4	134	78	493	286
J2.1 Boundaries - Hedges - Intact	1.18	3.345		Scrubland	7.4	9	25	32	91
J2.2 Boundaries - Hedges - Defunct	1.53	0		Scrubland	7.4	11	0	42	-
J2.6 Dry Ditch	0.06	0.04		Scrubland	7.4	0	0	2	1

Sum	Sum	Variation
17,520	30,557	13,037
17,553	30,615	13,061