

Work Programme - Carr House Meadows Management Plan, April 2011 to March 2016

Note that where a figure is presented, these are costs of materials and equipment. Where there is 'X' this is where staff time is incurred.* Indicates where total for 5 years is shown.

		2011/12	2012/13	2013/14	2014/15	2015/16	Total cost of prescription*	Total Volunteer days*	Project Officer time*	Total Programme Manager time*	Contractor (yes/no)	
BIODIVERSITY	Capital works	Grazing May to July, aftermath grazing to end of October.	<i>Income</i>					0	0	0	0	Grazier
		Cut haymeadows, bale and remove from site	<i>As part of grazing agreement</i>					0	0	0	0	Grazier
		Write a report/management plan in line with HLS guidelines to investigate & identify the preferred method for restoration of grasslands in fields 3 & 5.	75	0	0	0	0	75	5	2	1	Yes/No
		Woodland Management - Thinning (25%) in the plantation favouring native species whilst retaining a coniferous component.	40	40	40	0	0	120	24	6	1	No
		Erection of 2 owl boxes.	0	250	0	0	0	250	8	1	1	No
		Install x20 bird & bat boxes	350	0	0	0	0	350	3	1	0.5	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 08/09 at boundary 39 (80m - East)	150	0	0	0	0	150	16	5	1	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 08/09 at boundary 39 (80m - West)	150	0	0	0	0	150	16	5	1	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 09/10 at boundary 21. (110m)	100	100	0	0	0	200	32	4	1	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 09/10 at boundary 44. (100m)	100	100	0	0	0	200	32	4	1	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 10/11 at boundary 26. (50m)	75	75	75	0	0	225	16	4	1	No
		Plant species rich hedgerow at boundary 4 (98m) and protect with post and wire fencing.	0	600	0	0	0	600	16	4	1	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 12/13 at boundary 4. (98m)	0	0	100	100	100	300	16	4	1	No
		Plant species rich hedgerow at boundary 14 (53m).	325	0	0	0	0	325	8	2	0.5	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 11/12 at boundary 14. (53m)	0	75	75	75	0	225	4	1	0.5	No
		Plant species rich hedgerow at boundary 37 (40m) and protect with post and wire fence to ensure site is stockproof.	0	0	300	0	0	300	8	2	0.5	No
		Maintain through weeding and replenishing mulch as necessary, Hedgerow planted 13/14 at boundary 37. (40m)	0	0	0	65	65	130	4	1	0.5	No
		Plant species rich hedgerow at boundary 60 (75m) and protect with post and wire fence to ensure site is stockproof.	0	0	0	600	0	600	16	4	1	No
		Maintain hedgerow through weeding and replenishing mulch as necessary, Hedgerow planted 14/15 at boundary 60. (75m)	0	0	0	0	120	120	8	2	0.5	No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 43 (73m)	0	360	0	0	0	360	20	5	1	No/Yes
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 44 (30m)	200	0	0	0	0	200	8	2	0.5	No/Yes
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 45 (74m)	360	0	0	0	0	360	20	5	1	No/Yes
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 15 (43m)	0	250	0	0	0	250	12	3	1	No/Yes
		Post and Wire Fencing to protect hedgerow restoration & ensure site is stock proof at boundary 15 (43m)	0	120	0	0	0	120	8	2	0.5	No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 36 (44m)	0	250	0	0	0	250	12	3	1	No/Yes
		Post and Wire Fencing to protect hedgerow restoration & ensure site is stock proof at boundary 36 (44m)	0	120	0	0	0	120	8	2	0.5	No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 42 (30m)	0	0	0	90	0	90	8	2	0.5	Yes/No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 65 (76m)	0	0	0	350	0	350	16	4	0.5	Yes/No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 39 (50m)	0	0	0	300	0	300	12	3	0.5	Yes/No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 38 (28m)	0	0	0	0	90	90	8	2	0.5	Yes/No
		Hedgerow restoration - laying, coppicing and planting up gaps at boundary 6 & 7 (94m)	0	0	0	0	450	450	20	5	1	Yes/No
		Coppice willow in pond	0	25	0	0	0	25	4	1	0.5	No
		Remove sycamore from developing copse and throughout site	0	25	0	0	0	25	4	1	0.5	No
Chemical Bracken control in fields 15 & 16	65	25	0	0	0	90	2	1	0.5	No		
Rush management. Strim 50% in fields 2, 3, 4, 5, 6, 8, 10, 12, 13, 14, 15, to encourage cattle to graze	25	25	25	25	25	125	5	2.5	1	No		
Reduce spread of bramble and scrub areas in lower site fields 2, 3, 5, 6, 7, 9 & 13. Retain access to pumps & tanks in field 5.	25	25	25	25	25	125	5	2.5	1	No		
Creation of successional area and scrub in field 7. Manage scrub and other unwanted species as per HLS recommendations.	50	0	0	0	0	50	4	1	0.5	No		
Plant x20 trees in field 7 to increase diversity of scrub species. Protect with tube and stake and maintain for following 3 years until established.	75	25	25	25	0	150	8	2	0.5	No		
Undertake grass cut in field 7 - pond field (50% each year on rotation)	100	100	100	100	100	500	20	5	0.5	No		

BIODIVERSITY	Surveying and monitoring	Transect walk through monitoring of whole reserve	X		X		X	0	20	3	5	Yes/No
		Fixed point photo monitoring (Every 2 Years)	X		X		X	0	1	4	2	Yes/No
		Flower spike survey (Every 2 Years)	X		X		X	0	6	3	2	Yes/No
		Monitor poaching & trampling.	X	X	X	X	X	0	2	2	2	Yes/No
		Monitor pond - water & vegetation levels	X	X	X	X	X	0	1	1	1	Yes/No
		NVC survey		X				0	5	5	5	Yes/No
		Phase 1 habitat survey					X	0	6	2	1	Yes/No
		Hedgerow Evaluation Grading System (HEGS) Survey				X		0	5	2	1	Yes/No
		Breeding bird survey (CBC)	X					0	5	3	2	Yes/No
		Winter bird survey (one winter during plan)			X			0	2	3	1	Yes/No
		Bird box monitoring		X	X	X	X	0	12	2	1	Yes/No
		Nocturnal bird & bat survey.		X				0	3	2	1	Yes/No
		Marsh/fen survey		X				0	3	2	1	Yes/No
		Fungi survey				X		0	1	2	1	Yes/No
		Water vole & small mammal survey			X			0	1	2	1	Yes/No
Invertebrate surveys including butterflies				X		0	0	0	1	Yes/No		
INFRASTRUCTURE	Maintenance	Patrolling once every 3 weeks	X	X	X	X	X	0	32	5	1	No
		General maintenance/repair of infrastructure.	200	200	200	200	200	1000	20	5	1	No
		Cleaning out of bird boxes including the re-location of existing boxes to a suitable orientation.	25	25	25	25	25	125	10	5	0.5	No
		Control Ragwort and creeping thistle from grazed fields.	25	25	25	25	25	125	20	5	1	No
		Strim Car Park 3 - 4 times during the summer growing season	100	100	100	100	100	500	20	10	2.5	No
		Maintain signage on site and take opportunities to notify site users of appropriate behaviour on site.	30	30	30	30	30	150	10	5	1.5	No
		Reinstate ditch in field 16	50	0	0	0	0	50	2	1	1	No
	Unblock culvert and crossings throughout the site (ongoing)	25	25	25	25	25	125	12	3	0.5	No	
	Capital Works	Submit claims for Higher Level Stewardship Scheme	X	X	X	X	X	0	0	0	0	No
		Apply for further Higher Level Stewardship Capital Works programme to include Hedgerow restoration & planting, drystone walling & stockproofing.	n/a	n/a	X	n/a	n/a	0	0	0	0	No
		Surface a 2m x 3m section at the car park gate with road planings.	75	0	0	0	0	75	4	1	0.5	No
		Extend sleeper bridge in field 6 to improve access over wet area.	0	200	0	0	0	200	4	1	0.5	No
		Drystone Wall Restoration at Boundaries 5 (8m), 44 (3m), 49 (6m), 54 (14m) and 52 (3m)	400	0	0	0	0	400	36	9	1	Yes/No
		Drystone Wall Restoration at Boundaries 41 (35m) and 47 (10m)	0	700	0	0	0	700	44	11	1	Yes/No
		Drystone Wall Restoration at Boundaries 3 (18m), 9 (15m), 12 (15m) and 51 (15m),	0	0	2600	0	0	2600	64	16	2	Yes/No
Drystone Wall Restoration at Boundaries 22, 23, 27, 50, 67,		0	0	0	2750	0	2750	40	10	2	Yes/No	
Drystone Wall Restoration at Boundaries 56, 60, 61, 62, 63,	0	0	0	0	2750	2750	48	12	2	Yes/No		
Monitor the walls & bank along Carr House Lane for slumping/bulging and speak to SCC highways department as appropriate.	X	X	X	X	X	0	4	2	2	No		
Spot repairs to drystone walls.	150	150	150	150	150	750	20	5	2.5	No		
Create and Install an interpretation feature to educate site users of the species found on the site.	0	0	0	0	3000	3000	5	4	2	No		
EDUCATION/COMMUNITY	Community	Run 1 event per year	X	X	X	X	X	0	10	3	1	No
		Run 2 community workdays per year	X	X	X	X	X	0	15	3	5	No
		Run Reserve Advisory Group meetings twice a year.	X	X	X	X	X	0	5	5	5	No
		Conduct a visitor survey (on site & postal) on a five year cycle.	X	n/a	n/a	n/a	n/a	0	10	2	1	No
		Review 2011 National Census, creation of new community profile	n/a	n/a	X	n/a	n/a	0	5	2	1	No
		Deliver x1 training course per year	X	X	X	X	X	0	5	2.5	2.5	No
		Community ranger recruitment	X	X	X	X	X	0	3	0	0	No
		Community ranger training	X	X	X	X	X	0	3	0	0	No
		Young Ranger recruitment	X	X	X	X	X	0	3	0	0	No
		Young Ranger sessions - 2 per year	X	X	X	X	X	0	8	0	3	No
	Education	Develop education pack in conjunction with Wharnclyffe Side Primary School.	X	n/a	n/a	n/a	n/a	0	3	4	1	Yes/No
		Wharnclyffe Side Primary education sessions - 2 per year	X	X	X	X	X	0	7.5	4	1	Yes/No
Total			3270	4045	3920	5060	7280	23650	981.5	279.5	100.5	