

Wallington Estate Woodland Plan Compartment Notes and Objectives

Date:	2019-2029
Owner / tenant:	National Trust, North
Objective code	B=Biodiversity; L=Landscape; T=Timber; (T)= Timber extraction to achieve other objectives

Compartment Notes Description as at Dec 2016

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Wansbeck Woodlands	1-5		17.02	<i>Probably best woodlands for biodiversity on the Estate. MB with frequent veterans. Important landscape feature in the Wansbeck Valley. Good assemblage of breeding birds rich G/F. Made up of six compartments/sub compartments;</i>	<i>Overall objective to manage for biodiversity.</i>
Wallington Dean	1	a	1.76	Previously field associated with mill. Open ground pre 1777 to 1860 Development of secondary woodland this century on floodplain with uneven-aged semi-natural woodland. Mainly BE, SY, OK, AH. High biodiversity value-ancient sycamores (Biosurvey) and rich G/F. Poor access. Thinned 2006 and part thinned 2013.	B Thin broadleaves to promote structural diversity.
Wallington Dean	1	b	4.77	C18 woodland feature.P1850-1980's MB (BE,POK,WEM,SY,BI,CLI,AH) with some veterans. Occ mature MC (EL,DF,SP). Small area of P1978 DF on steep slope at W end above bridge. Good age class mix. High biodiversity value- very rich G/F (Biosurvey), high dead wood vol, old river channels. Permissive path. Rhododendron. Thinned 2004 and part thinned 2013.	B Thin broadleaves to promote structural diversity and P1978 DF. Eradicate Rhododendron. Allow wood to develop more diverse structure through natural processes
Wallington Dean	2		5.24	Was parkland in C18. P1850-1980 MB (SY, BE, POK, NM, WCH, HCH) with some veterans. Small area (0.21ha) of P1989 POK. Good age class mix. Good RN. High biodiversity value. Permissive path. Poor access for timber extraction. Last thinned 2005 .	B Thin MB to develop more diverse structure. High prune/thin P1989 POK to promote trees of good form. Remove tree tubes.
Huntley Banks	3		2.10	Former parkland now P1850-1936 MB (SY,POK, BE, AH, CLI, BI) with occ DF, EL. Old parkland veterans present. Good RN esp AH and U/S. High biodiversity value. OAM – C18 boundary feature. Last thinned 2004.	B Thin broadleaves to promote structural diversity

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Wallington Dean (South)	4		1.55	C18 woodland feature. C18 much less tree cover than today. E end P1700 BE and AH on steep bank. W end P1939 MB (SY,NM,BE,SCH,POK,AR, PO, HCH) and MC (EL,DF). Abundant RN. High biodiversity value-good dead wood, rich G/F inc broad leaved helleborine. Downy currant (Biosurvey). Permissive path. Holly U/S has been cleared recently	B L Thin MB/MC and halo thin around veteran trees.
Garden House Plantation	5		1.60	E end P1960 PO on flood plain clear felled 2013 and restocked as NVC W7 mix -SY, AL, BI, WL (EWGS establishment grant). PO now coppicing vigorously and competing with MB. Flood alleviation pond. W end drier with P1900 MB (CLI, POK,NM), occ SP, ASP, NS, GF. Some veteran trees and a rich G/F. Snowberry, red osier dogwood and giant hogweed present. Riverside boundary poor.	B If W7 woodland to be achieved, PO coppice will need controlling to allow AR etc to establish. Control snowberry, dogwood and giant hogweed. Replace riverside fence
<i>Home Woods</i>	<i>6-10</i>		<i>35.33</i>	<i>Ornamental plantings dating to the C18 with some later additions. Mainly broadleaf with some specimen trees including conifers. Many archaeological and landscape features. High biodiversity value. Some inappropriate recent conifer plantations. Currently divided into 7 compartments/sub-compartments;</i>	Overall objective to manage for landscape and biodiversity not timber production.
West Wood (Park)	6	a	4.83	Shown as field on 1777 map. Known as West Park. First planted early C19. Now P1951 EL (3.0ha) and the rest MB (BE, AH, SY) (1.8ha). Larch at max MAI. Permissive path/cycleway. Thinned 2000 and 2011.	L B (T) Convert to MB, by gradually thin EL, promoting RN of MB.
West Wood (Park)	6	b	0.46	Shown as field on 1777 map. Known as West Park. First planted early C19. Now P1951 NS (0.46ha). Permissive path/cycleway.	L B (CF) Convert to MB by felling NS
West Wood	7	a	9.24	C18 woodland feature. P1850-1950 MB (BE, SY, POK, CLI) and MC (NS, DF, WH, EL, SP). Some veterans. Good age class mix. Three ponds. Listed structures- Ice house (1742). Path network. Rhododendron present. Thinned in 2012 and 2017. Ash dieback noted in March 2017	L B (T) Gradually thin out the P1951 conifer to convert to mainly MB but with some specimen conifers retained. Eradicate rhododendron. Favour NBL e.g. POK, BI over SY, BE-Biosurvey). Allow shrub layer/RN to develop.
West Wood – Rook Wood	7	b	1.52	C20 planting on C18 parkland area, now uneven-aged MB (BE, SY, CLI, AH) with some remaining old parkland trees. Cherry laurel hedge along Ha Ha. Thinned 2002 and 2012. Rookery	L (T) Eradicate cherry laurel. Gradual thin of younger MB to return area to “feel” of wide spaced parkland trees. Work to avoid bird breeding season (rooks)

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
West Wood	7	c	1.18	New compartment. P1900-1950 MB (SY,BE, AH, POK) with occ MC (WRC Yew) Cherry laurel being cleared 2016	L B Complete removal of cherry laurel. Allow wood to develop more diverse structure through natural processes. Leave dead trees in situ and encourage RN
Centenary Wood	8		1.77	Formerly C18 parkland. P1939 MB (SY,BE,NM,WCH,SCH,POK,BI) with some EL. Little U/S but some RN (BE, SY and WEM). Little dead wood. Last thinned 2003	B L Despite recent origin retain this area as woodland. Thin to develop more diverse structure. Leave dead trees in situ and encourage RN
East Wood	9		11.53	C18 wooded landscape feature with C18 garden features inc ponds. Uneven aged mixed woodland. P1850-1900 MB (BE, AH, SY, POK,CLI, PO) with specimen conifers. Areas of P1950 MB (BE, SY, AH) and MC (DF, EL, WH). Some veterans. Well established U/S of yew, HY and exotic shrubs. Rich G/F. Listed structures- Sir Walter's Privy, Portico, standing stone. Network of paths. Rhododendron quite extensive. Selectively thinned in winter 2015 (Netty Area) and 2017 (Strip parallel with roadway and Bowling Green)	B L (T) Remove rhododendron. Manage as a Woodland Garden to promote a diverse structured woodland with MB dominant with specimen conifers. Thin conifers D, EL, NS, WH and poorly formed MB. Retain U/S and RN to improve structure. Increase dead wood volumes on periphery where not directly visible.
North Wood	10		4.46	C18 woodland feature. P1900-2000 MB (BE, CLI, POK, SY, AH, WCH) and MC (NS, DF, GF). Some veterans. U/S Yew, HAZ. Small amount rhododendron. Watercourse. Very little dead wood. Thinned 2003. In 2016 the carpark areas were removed from the southern end of the woodland. This was accompanied by thinning works and replanting (2016 and 2017 (Clock tower area)	L B Thin the northern section of the compartment (north of exit road and around Bolt Cottage) halo veteran trees and restore structural diversity. Restore to MB woodland with specimen GF.
Huntley Plantation (South)	11	a	1.23	C18 shelterbelt. P1860 MB (POK, BE,CLI, HB) underplanted with P1980-2005 OK, BE, FM, AH, SY. Areas of abundant AH, HB RN. Some veterans and good dead wood. Top end v sparse. Sheep and cattle getting in.	L B Check boundaries and fix gate. Remove tubes. Restock sparse areas. High prune/thin young oaks to promote trees of good form.
Huntley Plantation (North)	11	b	1.21	C18 MB shelterbelt. Felled 1967 then grazed until 2012. Fenced and planted with MB (AH, POK, HAZ, ROW, WCH BE) in 2012 under EWGS. Trees now well established. Cycle route passes through constructed in Nov 2016.	L B No action currently required

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Huntley Plantation (West)	11	c	0.41	New compartment.P1900 MB (POK SY AH BE). Currently grazed	L B Fence off and restock MB
Fountains Plantation	12	a	0.82	C18 shelterbelt. Was P1960 NS but extensive windblow in winter of 2013, clear felled summer/Autumn 2014 (400 tonne) Naturally wet area but heavily drained. Poor establishment-mostly very rank OG with occ AH,BE, SY RN Previously MB.	L B Replanting required. Suitable species AR, WL, BI
Fountains Plantation	12	b	1.42	C18 shelterbelt. P1900 BE with RN, occ AH, SY, POK and veteran SP. Some mature BE have been hulked- good dead wood. Good age class mix. HY U/S. Permissive path/ cycleway. Watercourse feeds into ponds in 7a.	B L No action currently required
Fountains Plantation (West Belt)	12	c	1.33	C18 shelterbelt. Previously mature MB with SP, now P1970 SS Unthinned. Av DBH=29cm. Ht=27m (2016).Watercourses feed into ponds in 7a. Cycleway constructed through it in 2016. Thinned on southern edge to allow this.	L B (T) Clearfell and restock MB/SP
Fountains Plantation	12	d	1.14	C18 shelterbelt. P1800-1958 MB (BE,NM,SY,POK) and EL. Occ WEM, HCH, HBM. Good BE, NM and AH RN. Last thinned 2002 (waste thinning mostly).	L B No action currently required
Fountains Plantation	12	e	1.85	C18 shelterbelt. P1961 EL (BA=26) with MB (POK, AH, WC, BE,CLI) and occ NS. U/S BE and WEM RN. Good quality timber Bronze-age barrow, not scheduled but regarded as important. Last thinned 2002.	L B (T) Fell out EL and NS to favour MB.
Fountains Plantation	12	f	3.74	Plantation originating 1942, previously pasture with exception of small area to north which was part of C18 landscape. P1942 EL, DF & some MB (mainly SY, POK, AR). EL BA=26. Av DBH=52cm. Ht=28m (2016) Poor quality. Pheasant feeders . Thinned 2004 and 2016. Trees now at 6-8m spacing	(T) L B Continue thinning and gradually convert to MB. Remove pheasant feeders etc
Octagonal Plantation	13		0.48	C18 landscape feature with stone cast. P1800's OK with some SY. P1999 OK memorial planting in cattle guards (8 trees) Whole wood now fenced but not currently stockproof. Some P2016 POK. Gaps starting to form. No RN. No dead wood-removal of fallen trees for firewood.	L Repair fence. Plant up gaps. Retain dead wood in situ- move into wood if it falls in field
Crossroads Covert	14	a	0.86	C18 shelterbelt. Good mixed woodland with P1962 SP,EL, BE, SY, CLI, AH	L B

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
West				and occ BI, WCH, WL, HB, DF. Several age classes present and good RN. U/S HAZ, WEM occ YW. Not much dead wood Thinned 2000, 2011 and 2016.	Thin remaining Conifer
Crossroads Covert East	14	b	1.51	C18 shelterbelt. P1900 MB (BE, CLI, HCH, POK, AH, SY) with P1962 MC (DF,SP, JL) MB (SY, BE) at E end. Little dead wood. Some RN of GF. Sheds and firewood processing in wood and farm access track. Rhododendron Thinned 2008 & 2011.	L B (T) Gradual conversion to MB through thinning MC. Eradicate rhododendron. Increase dead wood volumes. Monitor and control GF RN if necessary.
Dovecote Bank	14	c	1.62	Old quarry site. P1939 MB (POK, BE, SY, AH, CLI) with occ SP. Small area of P1960 JL . U/S of WEM, SY, BCH, Elder, Yew, HY. Good timber quality. Wayleave. Thinned 2001 and 2011.	L B No action currently required. Allow wood to develop more diverse structure through natural processes
Forty Acre	15		15.09	P1968 - 1970 NS, SS, BE with some AH, SY, BI, LP, CLI, POK, AR (85% conifer, 15% MB). Broadleaved component has had difficulty in competing with faster growing SS. 1.5ha MB in SW corner where NS failed. East side most mature with some good timber/ best timber found here. Starting to blow SW corner and very wet on the whole with east side driest. Site needs to be worked during summer months. Old crab apples noted along southern boundary. 20% of wood (3ha) being thinned annually and BI in SW corner to be thinned.	T B Overall aim is continuous cover forestry with MC/MB (uniform shelterwood with reserves). Needs hard track and better infrastructure to achieve this. MB need haloing ASAP throughout plantation otherwise it will be lost.
Fox Covert	16		3.04	Was P1962 SS with small area of EL (10%), occasional SP and small area of MB (BI, AH WL, HAZ, HT, BE) in SW corner. SS/EL clearfelled 2013 ,MB retained. P2013 NBL (POK, AH, BI) in tubes	B Aftercare required until trees are established.
Prior Hall	17		0.71	Shelterbelt. P1900 MB (BE, SY, AH, occ BI, HB, ASP) with some P1961 JL. Old boundary bank. Thinned 2002 and 2013	L B Thin out JL
Black Belt	18	a	1.28	C18 shelterbelt formerly in farm tenancy. P2014 MB (ROW, POK, WCH, SY, BI) now becoming established. Cycleway under construction 2016.	L B Beat up/maintain until fully established
Black Belt	18	b	2.02	Shelterbelt with two main stands; P1980 MB (AH, SY, BE, POK) at S end (1.64ha), P1980 MC (SS, SP) at N end (0.29ha). Occ C19 BE and CLI MB are well spaced, good quality. Cycleway constructed through comp in	L B (T) No action required in MB stand during plan period- allow U/S to develop. Thin

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				2016. Pheasant feeders. Thinned 2004 and 2011.	MC (fell SS, leave SP) and encourage MB RN.
Broom House Paddock	19		0.88	Shelterbelt P1900 MB (BE, AH, POK) underplanted with P1989 MB (POK, AH, HY) and some NS. Very sparse in parts. Good dead wood starting to develop. Cycleway constructed through comp in 2016	L B Fell out NS. Restock sparse areas with MB (BE, CLI, SY, POK)
Comb Hill	20a		2.66	Shelterbelt. Mix of P1900-1940 MB (POK, AH, ROW, SY) (1.13ha) with P1972/P1987 SS (1.34ha). Some veteran ROW. Cycleway constructed through comp in 2016. Old pheasant pens, feeders and plastic. SS brashed 2001 and thinned 2007.	B L (T) Thin SS (both P72 and P87) and restock MB/SP. Remove old pheasant pen.
Comb Hill Covert	20b		0.68	New compartment. Two areas of P1995 MC (LC, NS, SS) MB (AR, SY, BI,WL) on watercourse. Very dense shading along burn. Old pheasant feeders present.	B (T) Fell out MC to open up watercourse and restock NBL (WL, AR). Remove pheasant feeders
Farfoot Crag	21	a	1.12	Old quarry. P1900 MB (SY, AH, BE) with some P1960 SS, EL. Pheasant feeders present. Poor access. Snowberry present.	B Thin to conifer to develop more diverse structure through natural processes. Remove rubbish and eradicate snowberry
Stinky	21	b	2.65	P1964 EL, JL with SP on western fringe. EL/JL BA=34. Av DBH=39cm. Ht=21m. Medium quality timber with some good stems. Felling this stand would have impact on landscape (visible from road) so prev plan proposed continuous cover. Currently no RN. Rubbish by gate. Poor access. Thined 2013	L B (T) Not suitable for long term timber production. Thin conifer for gradual conversion to MB/SP through further thinning and group felling to encourage establishment through RN and planting. Remove rubbish
Stinky South	21	c	0.52	P1985 NBL (AL, AH, BC & WL). Planted to keep cattle out of a very boggy area.	B Allow wood to develop more diverse structure through natural processes.
Paddock Wood West	22	a	0.97	P1948 MB (BE, SY, POK, AH) with U/S of AH RN and HY. Last thinned 2005.	B Thin MB
Paddock Wood East	22	b	0.80	P1910 MB (BE, SY, CLI) with some YEW and 0.2ha P1995 MB in SE corner. HY U/S. In Conservation Area. Last thinned 2005 (136 tonne 22 a & b).	B Thin MB

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Chapel Hill North (previously Newbiggin Shelter)	23		0.37	Was woodland in 1850, but waste ground planted up 1970 with MC (SP, SS, JL and occ WH) and MB (BE, SY) as shelterbelt. Veteran BE on roadside. Brushed/cleaned 2002.	L B (T) Fell out the SS, WH and JL to create conditions for NR of MB (including shrubby spp e.g. HY, HAZ)
Saugh House	24		1.61	Two stands; W end is P1900 SP/SY with U/S of WH, SY and BE. E end is P1962 EL/JL (50%) with MB (SY, AH, BI, BE) (50%). Occ DF. Good RN. New fence on N boundary. Rookery present. Last thinned 2006	L B (T) W end; Remove underplanted WH. Then allow wood to develop more diverse structure through natural processes. E end; long term objective to convert to MB. To be achieved by gradual thinning of EL/JL
Whinney Plantation	25		7.12	<i>Conifer plantation mostly P1947 being managed for timber. Currently divided into 6 sub compartments;</i>	<i>Overall objective to return to MB/SP woodland for biodiversity</i>
Whinney Plantation	25	a	1.55	P1947 SS/NBL including some old AR stools and BI. Some SP Thinned 2016.	B (T) No action during plan period. Remove final crop SS c2027 but retain SP and MB. Restock MB/SP
Whinney Plantation	25	b	0.80	P1947 NS/SP. Thinned 2016.	B (T) No action during plan period. Remove final crop NS c2027 but retain SP. Restock MB/SP
Whinney Plantation	25	c	1.22	P1947 EL/SP. Medium to good quality timber. Thinned 2016	B (T) No action during plan period. Remove final crop EL c2027 but retain SP. Restock MB/SP
Whinney Plantation	25	d	1.19	P1947 EL at eastern end with an adjacent smaller stand of P1947 SP - medium quality timber. Small area of P1996 NBL (POK, BI, WL, AR) running towards the east and along southern boundary (0.21ha). POK BA=16. Av DBH=16cm. Ht=10m. EL thinned 2016.Pheasant feeders etc.	B (T) No action during plan period. Remove final crop EL c2027 but retain SP. Restock MB/SP. Remove tubes from P96 NBL and high prune/thin POK to obtain well formed trees. Remove pheasant feeders

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Whinney Plantation	25	e	0.42	P1986 SS due for thinning 2016 but not done. Very dense. Occ POK and BI	B (T) Thin SS to favour NBL. Eventual conversion to MB/SP as for other sub comps. Remove tree tubes.
Whinney Plantation	25	f	1.94	P2005 SS (0.70ha) with 2003 BI regeneration at western end (1.20ha). Some SP planted in tree guards. Area of mature MB (BI, POK, ROW) Reservoir. Pheasant feeders.	B Thin SS to favour NBL and SP with objective of conversion to MB/SP.
Elf Hills	26		6.03	<i>Long established plantation (shown on 1777 map). Mix of mature conifer and broadleaf and recent plantings. Relict ASNW G/F (Biosurvey) and invertebrate fauna. Currently divided into 5 sub compartments:</i>	<i>Overall objective to return to MB/SP woodland for biodiversity</i>
Elf Hills	26	a	1.61	P1940 NS unthinned but stable. BA=74. Av DBH=24cm. Ht=23m. Very dense, no G/F. Small stands of P1940 SP and EL also present. Archaeology-old tramway.	B (T) Clear fell NS/SP/EL and restock MB/SP
Elf Hills	26	b	1.71	Old quarry site. P1940 SP, EL, SY. Good structure starting to develop-self thinning, dead wood building up. Poor access, uneven ground	B Allow wood to develop more diverse structure through natural processes. Retain SP as food and seed source
Elf Hills	26	c	0.52	P1940(?) SY.	B No action currently required
Elf Hills	26	d	2.26	P2007 MB/MC. Planted AH, AL, ROW, HAZ, SP, NS + few SY. Trees now becoming established	B Remove tubes by end of plan period (2027) Allow wood to develop naturally
Elf Hills	26	e	0.86	Deer fenced area with P2007 NBL/NS/SP (LX and SS also noted). Some trees in guards. Bracken was a problem during establishment so rather patchy but trees now establishing well. Badger sett.	B Remove deer fence once adequate stocking achieved. Remove tubes. Gradual removal of MC then leave wood to develop naturally
Elf Hills	26	f	1.39	Area made up of three components P1950 BE, P1986 SS (0.43ha) and P1995 NS/MB (0.11ha). SS BA=54. Av DBH=26cm. Ht=19m. SS/NS very dense and most of the MB planted within it has died Narrow belt of SP along southern edge retained as shelter. Active badger sett 2016. Pheasant release pen.	B (T) Retain SP belt and BE. Fell SS/NS blocks and restock MB/SP. Remove pheasant pen and rubbish, and tree tubes
Newbiggin	27	a	0.54	North of old railway track P1900 MB (POK, AH, SY, BE, WEM). Relict	B

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Railwayline (North)				ASNW invertebrate fauna (Biosurvey). No boundary fence, but old internal fence (redundant). Pheasant feeder	Fence off from adjacent field and remove old fence. Plant up gaps (include WEM, Crab apple in mix)
Newbiggin Railwayline (South)	27	b	1.38	South of old railway track, a small area of P1900 MB (POK, AH, SY, BE, WEM), but the rest is P1970 MC (NS, SS, SP). Good AH RN in places. Pheasant pen.	B (T) Fell MC and restock MB (include WEM, Crab apple in mix). Remove pheasant pen
Sawmill Plantation	28		10.77	<i>Mixed woodland with semi-natural areas and conifer plantations. Location of NT sawmill and a Scout Camp. Divided by Delf Burn and minor road. Currently split into 5 sub compartments;</i>	<i>Overall objective to return to MB/SP woodland for biodiversity</i>
Sawmill Plantation (North West)	28	a	2.28	P1938 SP with P1938-2000MB (SY, BE, BI, WL, HY). Old BE hedge along W boundary grown out but providing shelter. Bluebells. Archaeology-old mill race P1938 NS & SS at N end felled 2015. Sparse RN.	B Restock 2015 clearfell with MB/SP. Retain SP for long term. Allow wood to develop more diverse structure through natural processes. Retain SP as food and seed source . Maintain mill race
Sawmill Plantation (North East)	28	b	2.18	Divided into four main stands (from north to south); P1938-2000 MB (SY, BI, BE) 0.61ha, P1938 JL/EL 0.93ha, P1938 DF 0.13ha, P1938 SP 0.5ha. Badger setts. Pheasant feeders/rubbish	B Allow wood to develop more diverse structure through natural processes. Retain SP as food and seed source, and DF as landscape feature. Remove pheasant rubbish
Sawmill Plantation (North)	28	c	1.21	Was P1938 DF with BI/AR. Clear felled 2014 but fringe of BI retained around edge. Poor RN, now very rank. Mill pond. Pheasant feeders/rubbish	B Restock MB. Suitable species AR, BI, WL, HT, ASP. Remove pheasant feeders/rubbish
Sawmill Plantation (South East)	28	d	2.46	P1900-1950 MB (CLI, BI, SY, BE, WL and occ SP) with stand of P1950 NS (0.71ha BA=40. Av DBH=43cm. Ht=23m), P1950 EL and SY (0.47ha) and P1950 WH (0.06ha). Good age class mix and good RN in MB areas. Rich G/F under MB. Veteran BE on riverside. No buffer strip in NS area. Scout camping ground. NS/EL Thinned 2015 (very light thin).	B (CF) Fell NS restock MB
Sawmill Plantation (South West)	28	e	2.12	P1960 MC/MB (approx SP 25%, SS 25%, EL 25% & 25% SY) Good stand of timber. Old mill race. Currently used as storage area for timber Last thinned 2003	B Thin to favour MB and clear conifers 15m back from watercourse. Maintain mill race.

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Holyburn Plantation Tuthill/Chesters Farms	29		1.39	C18 shelterbelt. Stone cast around wood with evidence of former hedge. P1770 BE with occ POK, AH, SY, CLI. Was grazed- fenced 2001. Very open with senescent trees, good dead wood starting to develop. P2004/2013 MB (mainly BE but some CLI) in short tubes. Watercourse	B L Further planting of MB required (include other species eg POK, HAZ, HY, SP). Old beech valuable wildlife habitat and to be retained. Leave fallen wood in situ. Any planting to be outside canopy of old trees. Could be extended to protect watercourses
Kirkhill Shelterbelt Tuthill/Chesters Farms	30		0.97	Late P1800's MC & MB. Small area on west side of burn leased.	L B Thin SY, AR along water course and thin MC.
Halls Hill Chesters Farm	31	a	3.54	P1950 BI (2.8ha) with W part open to grazing and E part fenced. No RN in either part but strip of new planting inside fence in E part. 0.74ha of western area felled, fenced and restocked P2003 MB (AH, NM, BI, ROW) . Stock access through narrowest point. 2 ha thinned 2010	B Fence off W part. Rather than clear-felling blocks of BI and thinning, create gaps in canopy and restock NBL (BI, POK, ROW) to retain dead wood and create more diverse structure. Remove tree tubes
Halls Hill (West) Chesters Farm	31	b	0.58	P1974/P1981 MC (SS, JL, SP) & MB (SY). No G/F, no U/S and no RN. Pheasant feeders etc	B (T) Fell out SS and JL but retain SP and MB. Restock MB. Tidy pheasant feeders
Halls Hill (East) Chesters Farm	31	c	0.43	P1950 BI underplanted with NS to north (0.19ha). P1974 SS/SP to south (0.24ha). Stock access between 31c and 31a. AH regeneration prolific in patches.	B (T) Fell out NS. Group felling SS/SP around AH RN to allow establishment. Favour SP over SS. Gradual conversion to SP/MB
Coldwell Hill	32	a	6.32	P1950 BI with some SY, AR, AH, WL, ROW and occ POK and SP. Wet areas with good G/F. Starting to diversify with young AH, SY etc present. Dead wood sparse but starting to accumulate. Bird boxes erected with grant from EWGS Bird WIG. Gap on N boundary. Thinned 2008.	B Minimal intervention- allow wood to develop more diverse structure through natural processes. Repair boundary
Coldwell Hill Railway line Chesters Farm	32	b	0.66	New compartment. P1970 SP/MB (WL, AR, BI, ROW). Grazed	L B Fence off from field. Retain tree cover for connectivity. Remove trees from bridge structure
Coldwell Hill Railway line Chesters Farm	32	c	1.11	New compartment. P1970 SP/MB (WL, AR, BI, ROW). Ungrazed	L B Retain tree cover for connectivity-no action required

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Chesters South Chesters Farm	33		0.83	P1960 SS (90%) with MB (AH, BE, ROW, BI) (10%). Unthinned. No U/S or G/F. On watercourse.	B (T) Clearfell SS, retain MB and restock MB/SP
Chesters Plantation (West)	34	a	1.2	Shelterbelt. Mostly P1991 MB (SY, AH, BI, HT, HB, BE) with an area of P1991 NS. Fenced/ungrazed.	L B Fell out NS completely. Remove tree guards.
Chesters Plantation (East)	34	b	0.99	Shelterbelt. P1900 BE, POK, SY, SP, AH. Grazed. Many BE and SY dying. No RN or young trees. Silage storage and fire site	L B Fence to exclude stock. Tidy farm rubbish. Plant gaps with MB/SP
Catcherside Farm (South)	35	a	0.44	Shelterbelt. Unthinned P1970 MC (mostly SS) near burn. Exposed narrow site. Difficult to establish trees in past because of rabbits and hares. Small pocket of windblow noted February 2012.	B L Clearfell MC and restock MB/SP
Catcherside Farm (South)	35	b	0.71	Shelterbelt. Unthinned P1972 SS with 0.15 ha windblow. Burn runs through stand. Narrow site. Difficult to establish trees in past because of rabbits and hares.	B L Clearfell SS and restock MB/SP
Catcherside Farm (South)	35	c	0.95	Shelterbelt. Unthinned P1973 SS. BA=60.Starting to self thin. (Top height 2011= 20.52 Yield class 16. Max MAI 50 – 56 year of age.) Two reds noted 23/01/2012. Pheasant feeders	L B (T) Fell and restock MB/SP
Catcherside Farm (North)	36	a	1.03	Shelterbelt. P1985 unthinned SS but good stand of timber. Pheasant pens in part of stand	L B (T) Clearfell and restock MB
Catcherside Farm (North)	36	b	0.60	Shelterbelt. P2004 ROW, HAZ, SY & OK (predominantly OK) with abundant BI RN. Pheasant pen in centre. Beaten up 2013 and BI cut back around tubes	B No action this plan but ultimately convert to MB/SP
Catcherside Farm (North)	36	c	0.52	Shelter around steading. P1985 MC. Mainly SS with some SP – SS medium quality timber. Thinned 2013	L B No action this plan but ultimately convert to MB/SP
<i>Stockcrag Plantation</i>	<i>36d-i</i>		<i>13.54</i>	<i>Commercial plantation with stands ranging from P1954 SP to P2008 SS. Some recent planting of MB. Also includes two outlying plantations (new sub compartments) .Divided into eight sub compartments;</i>	<i>Overall objective to continue to manage as productive plantation under continuous canopy system</i>

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Stockcrag Plantation	36	d	3.02	P1954 SP with some SS. Unthinned but starting to self thin. BA=60. Av DBH=28cm. Ht=23m. Good shelterbelt for plantations behind (and also seed source). Pheasant feeders. Good wetland area (OG) at N end	L B No action-retain long term as shelter and seed source. Allow to self thin. If windblow starts to occur restock gaps with MB/SP. Maintain wetland as open area
Stockcrag Plantation	36	e	1.69	P1987 SS with MB planted on ride. Brushed 2009 and thinned 2013. Rides cut through. BA=46. Av DBH=25cm. Ht=19m (2016)	T L Continue to thin to encourage establishment of next generation.
Stockcrag Plantation	36	f	1.87	P1954 NS. Line thinning in past. BA=62. Av DBH=28cm. Ht=20m (2016)	T L Heavy thin NS leaving seed trees at c20m spacing. Encourage RN of SP, NS, BI etc
Stockcrag Plantation	36	g	3.78	Formerly g, h and i, now combined. P2008 SS with NBL fringe (mainly HAZ, ROW some BI, AR). SS now well established but OG in SE corner where it has failed-wet ground. HAZ on E edge has failed (short tree guards). Some relict heathland vegetation. Sprayed with Forester to control weevil problem 2012	T L Beat up HAZ on E edge-use taller guards. Remove tubes from AR. Thin SS when appropriate (2030-33) favouring MB/SP where possible
Stockcrag Plantation	36	h	1.28	(Formerly sub comp j). Was P1954 NS/SS, felled 2009 and restocked P2010 MB (AR, AH, ROW, BI). Good SP RN starting to establish and some SS seedlings.	B L Beat up until trees well established. Protect/promote SP seedlings.
Stockcrag Plantation	36	i	0.97	(Formerly sub comp k). P1954 SP. Occ mat POK, SY. Formerly grazed but now fenced.. Good shelter and seed source for adjacent plantations. Gaps starting to form.	L No action-retain long term as shelter and seed source. Allow to self thin. Restock gaps with MB/SP
Fairley Burn (West)	36	j	0.40	New compartment. P1990 SS. Unthinned. Very dense. On watercourse	B L (T) Clearfell and restock NBL
Fairley Burn (West)	36	k	0.53	New compartment. P1990 SS with some NS and JL. Very dense. On watercourse	B L (T) Clearfell and restock NBL
Fairley Burn (East)	37		1.44	Shelterbelt. P1960's SS with occ SP. Wet area with no access. Pheasant release pen. Last thinned 1987. On watercourse	L B (T) Fell and restock MB/SP. Remove pheasant pen etc
Fairley	38		1.40	Shelterbelt. P1960 SS with fringe of SP. BA=62. Av DBH=25cm. Ht=22m. No U/S or G/F. Watercourse badly shaded	B L (T) Clearfell SS and restock MB/SP

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Catcherside Plantation	39		6.95	Large T shaped shelterbelt probably established in C18 with some mature/vet MB and good G/F (Biosurvey). Underplanting and coniferisation now a threat	<i>Manage for biodiversity and landscape. Removal of conifers a priority</i>
Catcherside Plantation (South)	39	a	2.03	Shelterbelt. P1972 SS/MC (SP, LP) with strip of MB (POK, BI) on W edge. Racks brashed (for shooting).	L B (T) Fell SS/MC and restock MB. Potential to extend south to link to comp 36 (as in 1860)
Catcherside Plantation (North)	39	b	1.87	1740 Shelterbelt. P1900-1940 MB (POK BI BE CLI ASP AH) underplanted with P1976 SS. Some of mature MB up to 1m DBH. Good G/F with bluebell. Good dead wood volume. Medieval woodbank surrounding this area? Biological interest associated with old trees (Biosurvey).	B L Clear fell SS (mostly FTW but a small area could be harvested)
Catcherside Plantation (North)	39	c	1.44	1740 Shelterbelt. P1900-1940 MB (POK BI BE CLI ASP AH) underplanted with P1976 SS. Some of mature MB up to 1m DBH. Good G/F with bluebell. Good dead wood volume. Biological interest associated with old trees (Biosurvey).	B L Clear fell SS (mostly FTW but a small area could be harvested)
Catcherside Plantation (North)	39	d	1.20	1740 Shelterbelt. P1900-1940 MB (POK BI BE CLI ASP AH) underplanted with P1976 SS. Some of mature MB up to 1m DBH. Good G/F with bluebell. Good dead wood volume. Biological interest associated with old trees (Biosurvey).	B L Clear fell SS (mostly FTW but a small area could be harvested)
Catcherside Plantation (North)	39	e	0.41	New sub compartment P1900 POK 70-90cm DBH. Open to grazing. Not underplanted with spruce	B L Fence to exclude stock. Plant gaps with MB
Fairley	40		1.15	P1951 SP. Last thinned 1985. Poor quality. BA= 58, DBH=25-35cm, Ht=23m.	L B Leave for gaps to form then restock gaps with MB. Gradual conversion to MB/SP
Fairley Farm	41		1.10	Shelterbelt with two arms. Southern arm-P1960 SP with occ SS, EL. Poor form. Northern arm- P1960 SS/NS (BA= 54, DBH= 25-30cm, Ht=22m) 0.11ha windblow. Watercourse being shaded	L B (T) Fell and restock MB/SP
Low Fairley	42	a	1.05	Shelterbelt. P1960's MC (SP,SS,NS, LX) (BA=42, DBH= 30cm, Ht= 25m) with some MB (AH, SY). Patches of good SY RN. Watercourse.	L B (T) Fell conifer but retain MB. Restock MB
Low Fairley	42	b	0.72	Shelterbelt. P1987 MC (NS, SS and occ WRC) with a small amount of MB (AH, WL, AR, SY). Some of the MB already lost to shading by SS/NS. Tubes still on. Old hedgebank just outside S boundary with many mat/vet AH being undermined by livestock. Poor access for extraction -will require	L B (T) Clearfell MC as poor access will make extraction at max MAI more difficult. Retain MB. Restock MB. Extend comp to

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
				bridge	include old hedgebank trees along S boundary (and possibly extend to include watercourse)
North Park – The Roundel	43		0.33	C18 Historic feature reinstated in 2014 with MB in tubes (mainly BE and SY??)	L Aftercare until trees are well established.
<i>Delf</i>	<i>44-47</i>		<i>34.61</i>	<i>One of larger areas of woodland. Includes possibly only area of ASNW on the Estate. Delf Burn an important feature. Recent conversion of some sub compartments to NBL, but also recent establishment of commercial crops. Currently divided into 15 compartments/sub compartments;</i>	<i>North and central comps to be managed for timber production under continuous canopy system. Will require better infrastructure to achieve this . Other areas to be managed for biodiversity</i>
Delf Plantation	44	a	0.57	P2003 OK in guards (25%) with SS (25%). 50% OG due to track which is in very poor condition following extraction of timber from 44b	B Fell out SS and beat up OK
Delf Plantation	44	b	1.00	Was P1947 NS (possible PAWS). Clear felled winter 2015-16, approx. 420 tonnes estimated. Occ NBL retained. Badger sett.	B Do not rely on RN alone-planting of OK, HAZ, ROW etc will supplement likely BI RN. Weeding of NS/SS seedlings may be required.
Delf Plantation	44	c	2.18	P1860-2000 MB (POK, AH, BE, BI, HT, HZ, NM). Good age class mix and RN. Rich G/F. Possibly ASNW Badger sett.	B Minimal intervention.
Delf Plantation	44	d	3.74	P2000 BI RN. Excellent establishment-very dense	B Allow to self thin and develop more diverse structure.
Delf Plantation	44	e	1.64	P1947 SP/BI with occ DF. Some windblow on western edge. Good RN of AH, BI,AR here. Bracken/grass site with bluebell. Medium quality timber. Dead and dying understorey removed 2010. Thinned 2014.	B Allow wood to develop more diverse structure through natural processes. Will gradually convert to MB with occ SP.

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Delf Plantation	44	f	2.03	Was P1947 NS, clear felled 2012 and restocked NBL through planting and RN. Some mature MB on burn side inc SY, AH, OK, HAZ. Abundant elder. Small stands of P1947 NS (0.16ha), SP (0.3ha) and SS (0.13ha) retained. NS/SP utilised by red squirrels. Permissive footpath. Fence with field in poor condition.	B Retain SP/NS/SS as food source. Beat up NBL planting. Repair/replace fence
Delf Plantation	45		3.64	Formerly 45 a, b and c now combined Was P1947 NS/SS. Clear felled 2011/12 and restocked MB (mainly OK) at wide spacing. BI RN now starting to fill in gaps	B Beat up planted trees. Weed out SS/NS seedlings
Delf Plantation	46	a	4.22	P2002 SS. Very dense but BI scattered throughout	T L B At next thinning favour BI and other MB to obtain more mixed plantation-better for wildlife and landscape. Establish rides for biodiversity and management
Delf Plantation	46	b	0.63	P2013 NBL (NVC W11 mix) POK, HAZ, ROW, SY (was P1989 SS) EWGS Establishment Grant.	B L Trees need beating up.
Delf Plantation	46	c	3.43	P2001 SS with some OK in tubes (mostly dead now). Strip of OG along E boundary with some POK. Ride runs N-S Brushed, cleaned & respaced 2010 and 2013.	T L B Halo around remaining POK to ensure establishment. Thin very heavily to allow MB establishment.
Thistleby Wood	47	a	2.43	Felled in 2005 and restocked RN – mainly BI with some SP, SS. Good access. Historic boundary feature.	T B L?? Manage as a mixed productive woodland. Thin/respaced BI
Thistleby Wood	47	b	3.47	P2005 SS with strip of AR and BI on burn side.	T L B Continue to manage SS as commercial crop but thin to favour BI etc where possible. Was due for brushing/cleaning/respacing 2017. Beat up MB on burn side and create better MB buffer along roadside for landscape.
Thistleby Wood	47	c	1.53	Previous crop felled 2005. RN very poor and planted MC have largely	T L B

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
				failed (Establishment grant received). Now rank. Historic boundary feature.	Will require mounding before restocking (BI and SP) and manage as 47a. Deer fence may be required to aid establishment?
Thistleby Wood	47	d	2.10	P1995 SS with some BI regeneration. Unthinned Brashed 2013?	T L Thin to favour MB where possible to obtain more mixed plantation-better for wildlife and landscape
Thistleby Wood	47	e	1.53	P1990's NBL along burn side (BI, AR, WL, AH, SY) with gorse. Open rushy/sedgy areas. Biodiversity value. Some SS/NS RN	B Remove SS/NS RN, otherwise allow to develop naturally
Thistleby Wood	47	f	0.47	P2005 MB (BI,AH,WL,AR,SY) in tubes. No action.	B Allow to develop naturally. Remove tubes once trees established
Donkin Rigg (West)	48		0.85	P1986 SS shelterbelt with MB (AH) clump planted. Brashed/released MB 2009. Some windblow starting at W end.	L B (T) Clearfell SS (try to retain MB)and restock MB/SP
Donkin Rigg	49	a	1.50	Shelter for steading.P1990 SS & some MB (OK, AH, BE). Hides farm buildings.	L B (T) Thin
Donkin Rigg	49	b	0.20	Shelter for steading. C19 planting (SY/BE).	L B No action.
Donkin Rigg	49	c	0.27	Shelter for steading. P1987 SS with some MB.	L B (T) Fell and restock MB/SP
<i>Rothley Lake</i>	<i>50-52</i>		<i>32.81</i>	<i>Large woodland with significant biodiversity and landscape value. Part of designed landscape (1765). Mostly MB (some dating to C18) with SP. More recent plantations mostly removed. Woodlands surround 7.5ha lake.Restricted access for public. Currently divided into 16 compartments/sub compartments;</i>	<i>Manage whole for biodiversity and landscape.</i>
Rothley Crossroads	50	a	1.51	P2002 BI RN, now well established over 50% of area (50% OG)and very dense. Occ SP, NS, SS, JL, BE and WL. Remnant heathland G/F Combine sub compartments a b c d	B L Allow wood to develop more diverse structure through natural processes. Weed out SS/NS RN but retain SP
Rothley Crossroads	50	b	1.13	P1986 SS with some SP and failed MB in tubes. Start has been made felling it	B L Complete the felling of SS, retain SP. Restock through RN

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Rothley Crossroads	50	c	2.00	P2002 BI RN over 50% area (50% OG). BI well established and v dense. Occ SP, SS, NW, JL, BE and WL	B L Allow wood to develop more diverse structure through natural processes. Weed out SS/NS RN but retain SP
Rothley Crossroads	50	d	3.77	Was P1952 SP, clear felled 2008. P2008 BI RN over 50% of area (50% OG) BI well established and v dense. Occ SP, SS, NW, JL, BE and WL	B L Allow wood to develop more diverse structure through natural processes. Weed out SS/NS RN but retain SP
Rothley Lake	51	a	0.55	P1700's MC (SP, EL) MB (BE, POK). Some veteran trees. Good dead wood and natural regeneration. High landscape and biodiversity value. Area adjacent to road (not in compartment) has snowberry	B L Minimal intervention. Ensure snowberry does not spread into woodland
Rothley Lake	51	b	0.13	Was P1951 EL, clear felled in 2013. Little or no RN	B Restock MB
Rothley Lake	51	c	3.83	Uneven-aged semi-natural woodland (POK, BE, BI, AH, ROW) with occasional BE/SP from C18 planting with young BE regeneration throughout. G/F bilberry(dry) and Sphagnum/sedges (wet). Some rhododendron. Good lake margins.	B L Eradicate rhododendron, otherwise minimal intervention
Rothley Lake	51	d	1.20	P1990's MB (mainly POK) planted in tubes at 1100/ha with BI natural regeneration. Some cleaning & respacing 2008. All doing well. Cleared back from roadside wall.	B L Tidy tubes. High prune POK to obtain trees of good form
Rothley Lake	51	e	3.47	Was SP clearfelled following windblow in 2000. Now P2000 BI with occ ROW, HY, HAZ and BE (75%) with 25% SP, SS, JL	B L Minimal intervention. Monitor SS/JL RN and weed out if it becomes too dense
Rothley Lake	52	a	2.10	P1936 SP with MB/SP RN understorey as well as small area of BE from C18 planting and important relict heathland ground flora. Very good quality timber. Important landscape feature. Small amt rhododendron on dam	L B Eradicate rhododendron. Encourage next generation of SP
Rothley Lake	52	b	2.11	Eastern section C18 planting but elsewhere BI carr with willow along western edge and some P1980's MB (mainly OK). Occ SP, SS	B L Minimal intervention- allow wood to develop naturally

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
				Permissive path- section of boardwalk installed running in north/south direction in 2013	
Rothley Lake	52	c	2.05	Clear felled in 2002. Now mainly BI RN.	B L Minimal intervention- allow wood to develop naturally
Rothley Lake	52	d	5.26	C18 landscape feature (P1792 woodland). Mature POK, SP, BE with some veterans. Good dead wood and RN. Rhododendron well established near lake shore. OAM – remains of C18 footpath. Wildlife hide built 2014.	B L Eradication of rhododendron=priority. Otherwise minimal intervention-allow wood to develop naturally
Rothley Lake	52	e	2.07	Clear felled (SS?) 2003. Now P2003 BI RN with some WL and SS. Combine with 52d	B L Weed out SS . Otherwise minimal intervention-allow wood to develop naturally
Rothley Lake	52	f	1.11	P1900 MB (Bi, POK, ROW) with some SP. Ground flora mainly ferns.	B L Minimal intervention
Rothley Lake	52	g	0.52	P1988 MB (OK, ROW, BI) & SP. Respaced and pruned 2009.	B L Remove tubes. High prune and thin POK to favour trees with best form
Rothley Lake Island	52	h	0.06	P1900 MB and SP. Skunk cabbage	B L Eradicate skunk cabbage
Harwood Gate	53		1.81	Shelter for steading. Formerly 53a and b but b is largely garden. P1957 NS and SP. NS av DBH=30-40cm, SP=20cm Very good quality timber. Small stand of P1900 SP around house (nails in trees). Abundant SY RN along roadside.	L (T) NS ready to harvest. Clearfell and restock MB/SP. Retain SP around house if possible
Ralph Shield (West)	54	a	0.61	Shelter for steading Late P1970's SS. Farm rubbish	L (T) Clearfell and restock MB/SP. Remove farm rubbish
Ralph Shield (East)	54	b	0.72	Shelter for steading P1989 AH (50%), P2004 AH/SP (25% ea)	L B No action currently required
<i>Kiln Wood</i>	<i>56</i>		<i>12.64</i>	<i>Conifer plantation with partial recent conversion to SP/MB. Currently poor access. Divided into three sub compartments.</i>	<i>Overall objective to manage as continuous canopy SP/MB wood for timber production. Will require good track and better infrastructure to achieve</i>

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
					<i>this</i>
Kiln Wood	56	a	7.11	Divided into two stands; W of watercourse is P1950-1972 MB (AH, SY, BI,POK) and MC (SP, SS, NS). E of watercourse is P2000 SP & OK (predominantly SP) with BI RN within deer fence, with NBL strip around edges. Trees now well established.	T B P2000 planting- remove deer fence. Halo thin around POK. Remove tubes and guards from MB around edges. Other area- remove SS, NS.
Kiln Wood	56	b	4.20	P1972 widely spaced SS. BA=70. Av DBH=35cm. Ht=26m. Medium quality timber. Ground heavily drained prior to planting. Old pheasant pen and rubbish. Sheep disposal on w edge.	T B Clearfell and restock SP/MB as in 56a with NBL fringe. Remove pheasant pen and rubbish
Kiln Wood	56	c	1.33	P1995 SS with MB on edge. On watercourse	B T At next thinning, clear buffer strip of SS along watercourse and halo thin around MB
Dyke Head (South)	57		0.77	Shelterbelt. Predominantly P1984 SS with MB. On watercourse Thinned 2008.	L B (T) Clearfell and restock MB/SP
Dyke Head (South)	58		0.60	Shelterbelt. P1984 MC (95%) with MB (5%).	L B (T) Clearfell and restock MB/SP
Dyke Head (Steading)	59	a	0.65	Shelterbelt for steading.P1980 SS with some MB.	L B (T) Clearfell and restock MB/SP
Dyke Head (Steading)	59	b	0.45	Shelterbelt for steading. Predominantly P1986 SS with some MB. Thinned 2008? Previously brashed.	L B (T) Clearfell and restock MB/SP
Dyke Head (Steading)	59	c	0.36	Shelterbelt for steading. Predominantly P1986 SS with some MB. Thinned 2008? Previously brashed.	L B (T) Clearfell and restock MB/SP
Greenleighton Shelter.	61	a-g	3.93	M shaped shelterbelt formed of 6 separate belts (a-g). All P1970 SS Unthinned and unbrashed. Occasional SP and SY. Permissive path crosses the wood. 61a = 1.20h, 61b = 0.56h, 61c = 0.42h, 61d = 0.41h, 61e = 0.61h, 61f = 0.53h, 61g = 0.18h	L (T) SS now at harvesting age. Fell in stages (starting at E end) soon before it blows. Restock with MB/SP. Retain MB in f

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Greenleighton Quarry	62	a	0.61	New compartment. P1990 LP/SP	L Remove LP,restock MB. Retain SP
Greenleighton Quarry	62	b	0.25	New compartment .P1990 MB (BE,AR,BI, ROW,WL)	L No action
Greenleighton Quarry	62	c	0.06	New compartment. P1990 SP/MB (BE,AR,BI, ROW,WL)	L No action
Greenleighton Cattle Grid	63	a	0.23	Shelterbelt. P1985 SS unthinned with brashed track through centre for pheasant feeding/shooting. Previously pasture.	L (T) Clearfell and restock MB/SP
Greenleighton Cattle Grid	63	b	0.29	Shelterbelt.P1985 SS unthinned with occasional MB (BE, AH &SY). Brashed track through centre for pheasant feeding/shooting. Previously pasture	L (T) Clearfell and restock MB/SP
Rothley West Shield Steading	64		0.46	Shelterbelt for steading. Early P1900's SP with MB.	L B No action.
Harwood Head	65		1.15	Shelterbelt. P1970 SS on large area of open moor Now completely blown except for trees on edge	L Remove (FTW?)
Harwood Head	66		1.07	Shelterbelt. P1974 SS on large area of open moor Now completely blown except for trees on edge	L Remove (FTW?)
Chesters (North East)	67		0.50	Shelterbelt. P1981 MC with some MB.	L B (T) Clear MC and restock MB
Chesters (East)	68		0.42	Shelterbelt. P1981 50% MC/ 50% MB.	L B (T) Thin MC to favour MB
Chesters Burn	69		0.95	Shelterbelt. P1981 MC with some MB. Thinned & brashed 2003.	L B (T) Clear MC and restock MB
Chesters (Sheepwash)	70		1.20	Shelterbelt. P1970 SS on watercourse. BA=80! Av DBH=27cm. Ht=22m. Heavy shading, no G/F	B L (T) Clearfell to open up watercourse. Restock NBL
North Park	74	a	1.08	C18 shelterbelt . Was open to grazing until 2013. Now fenced. P1850 MB (BE, AH, SY, CLI) with P2013 MB (POK, HAZ, ROW, HT) Electric power line.	L B Beat up trees until fully established

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
North Park	74	b	0.52	C18 shelterbelt . Was open to grazing until 2013. Now fenced. P1850 MB (BE, AH, SY, CLI) with P2013 MB (POK, HAZ, ROW, HT, SY) Good dead wood starting to accumulate. Permissive path.	L B Beat up trees until fully established
The Arches	75		0.22	C18 historic feature planting framing the 'Arches' (archaeological feature).P1900's MB (POK, BE, SY) with some coppice as well as some late 1980's planting.	L No action currently required.
New House	76		0.61	C18 shelterbelt. Early 1900's uneven-aged MB – sparse and in need of some planting.	L B Fence and restock
Newbiggin Shelter	77		1.14	Shelterbelt. Predominantly P1974 SS/MB (SY, BE, AH, WL and some large POK). Was formerly an oak wood (lots of stumps) Very shaded now. Watercourse runs through middle Pheasant feeders etc. Some indiscriminate recent cutting of SS.	B L (T) Fell SS but retain MB. Restock MB. Remove pheasant rubbish.
Prior Hall	78		0.46	Shelterbelt. Mid 1800's to early 1900's MB (POK, SY, BE, CLI) with some conifer (SP, EL).	L B Fence
Cambo Bank	79		0.68	Shelterbelt. Was line of trees in 1800's, shown as shelterbelt in 1897. Line of yews is a historic feature. P1900 BE, AH, SY with occ POK, SCH. Yews alternate with HY on roadside. HY U/S dense in parts. Good dead wood. Litter. Conservation area.	L B No action required
Cambo Village	80		0.58	Conservation Area and behind church. Two areas of P1800-P1960 uneven-aged MB (AH, SY, HCH, BE)with YEW plus a few SP. HY and WEM U/S. Good age class mix. Wayleave	L Tree safety work as necessary. Otherwise non intervention
Elf Hills	81		0.34	Shelter around steading. P1930' MC at northern end of cpt. with 1980's OK, AH, cherry, holly and HAZ in tubes.	L B Thin out NS and restock MB/SP. Remove tubes?
Billy's Bank	82		0.54	Shelterbelt. P1800' to mid 1900's uneven-aged MB (AH, POK, BE). Currently open to grazing.	L B Fence off and restock gaps with MB
Rugley Walls Shelter	83	a	0.42	Shelterbelt. P1900's MB underplanted in 1997 with SOK, HAZ & HY. Attention to P1997 trees including beating and spraying 2013.	L B Further planting required

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
Rugley Walls Shelter	83	b	0.61	Shelterbelt. P1900's MB underplanted in 1997 with SOK, HAZ & HY.	L B Further planting required
Rugley Walls Shelter	83	c	0.09	New compartment. Link to Elf Hill. P1900 MB	L B Fence off from field. Plant gaps with MB
Rugley Walls Steading	84		0.21	Shelter around steading. P1900's MB underplanted with MB late1980's . Silage bales in wood	L B Remove silage bales
Water Pumping Station	85		0.34	Shelterbelt/screen planting (to screen pumphouse station from north) P1973 MB & MC. Thinned to favour broadleaf component in 2010.	L No action required
Newbiggin Ho. Steading (North)	86		0.29	Shelter around steading. P1930-1950 SP (50%) with BE, SY (50%). U/S SY, AH RN with elder	L Replace old fence, otherwise leave alone
No Newbiggin Ho. Steading (South)	87		0.17	Shelter around steading. P1930-1950 SY, EL, SP	L No action required
Gallows Hill Wood	88		4.93	P1950 BI woodland on W edge of Gallows Hill plantation (private lease) and E of Harwood Burn. Exact boundaries not marked. Few POK in tubes and some SS RN. Some areas of heathland vegetation. Common lizard noted. Provides a good screen to plantation. Thinned 2007. Old fencing wire.	B Remove rolls of old fence wire. Fell out SS RN. Allow wood to develop more diverse structure through natural processes.
Cambo School	89	a	0.33	Shelter. Mature 1950 SY with P1990's MB (SY, AH, WCH, HAZ, ROW, POK).	B L Remove tubes. Otherwise no action - allow wood to develop more diverse structure through natural processes.
Cambo School	89	b	0.28	Shelter. P1987 AH with HT hedge along southern boundary and HAZ along the north. Thinned 2005. Good establishment. Poor access	B L Remove tubes. Otherwise no action - allow wood to develop more diverse structure through natural processes.
Shildon Plantation	90		0.42	P1900's MB (POK, BE, SY) Sparse. 1999 Biosurvey noted small leaved lime in SE corner.	L B No action
Chesters Burn	92		0.34	Shelterbelt. P1985 SS with occ SP and AH. Very dense shade. On watercourse. Powerline.	B (T) Clearfell and restock NBL
<i>Christmas Tree Plantation</i>	95		10.60	Commercial plantation on E edge of Estate. Part of Rothley Park, an important landscape feature, but hidden behind it. Well used by red	Convert to continuous cover productive woodland with MC/MB with softer

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
				squirrels. Good access track running down side. Currently divided into two sub compartments;	outline, more attractive in landscape
Christmas Tree Plantation	95	a	5.39	P1995 NS with ESF and DF. Christmas trees removed in past. Racks & rides cut out 2008. Approx 1ha OG (combine with b)	T B L At next thinning create some gaps. Restock these and existing OG with MB. Accept all RN in gaps as next generation.
Christmas Tree Plantation	95	b	5.21	P1983 NS. BA=68. Last thinned 2008 (horse extraction/hand cutting) together with brashing. Produce post wood & tree stakes for estate use. (combine with a)	T B L At next thinning create some gaps. Restock these with MB. Wetter areas where NS is checked, plant AR/WL. Accept all RN in gaps as next generation.
Bluebell Plantation	96		0.37	Rothley Park landscape feature since 1866 or earlier. P1800's MB (SY, AH, BE). U/S Elder, ROW and SY RN. G/F grassy. Garden waste being dumped. Wall gaps	L Repair boundary wall. Stop dumping. Otherwise no action
Half-moon Plantation	97	a	0.42	Rothley Park landscape feature since 1866 or earlier. P1850-1900 SP/SY with occ EL/AH. SP up to 1m DBH. G/F includes bluebell.	B L Tidy area and remove old pheasant pen. Otherwise no action
Half Moon Extension	97	b	3.95	New compartment P1995 MB (SY,AH, WCH, POK, BE) with occ SP. Planted by previous owner NT took over in 2004. Fence in poor condition.	B L Remove tubes and replace fence.
Rothley Plantation	98		1.03	Part Rothley Park landscape feature since 1866 or earlier. P1940 JL/SP with P1970 SS/DF/NS. and fringe of MB (POK and BE). Elder U/S. Poor access. Red squirrel feed in area.	L (T) NS needs thinning ASAP. Otherwise no action
Crag Plantation	99		3.71	P1950's SP with occasional spruce and BI RN. Rothley Park landscape feature since 1866 or earlier.	L Thin but leave broad unthinned strip on windward edge. Low priority
Catmire Plantation	100		1.99	Rothley Park landscape feature since 1866 or earlier. Three stands; east P1970 SP with dense rhododendron U/S (0.46ha) North west- P1960 MC (SP,NS, JL) with occ BE, SY (1.04ha) Occ rhododendron South- P1970 MB (mainly BI, AR) (0.49ha)	L Eradicate rhododendron. Thin MC/SP but leave broad unthinned strip on windward edge. Low priority
Oakford Bridge	101		0.89	New compartment. P1770 BE with occ POK, AH and CLI. Many of the BE	B L

Name of Wood or Compartment	Cpt	Sub-cpt	Area (ha)	Brief description	Objective and Work Proposed
				<p>are veterans. At least 10 have been lost recently, with no replacements. Strip of mature AR wood along burn side. Currently open to grazing and in Tuthill Tenancy.</p>	<p>An important C18 landscape feature which is becoming fragmented and will be lost unless action is taken. Plant replacement trees in cages.</p>

Species	Botanical Name	Code	Broadleaved (B) or Conifer (C)
Alder	<i>Alnus</i> spp	AR	B
Ash	<i>Fraxinus excelsior</i>	AH	B
Aspen	<i>Populus tremula</i>	ASP	B
Beech	<i>Fagus sylvatica</i>	BE	B
Birch (downy/silver)	<i>Betula pubescens/pendula</i>	BI	B
Bird cherry	<i>Prunus padus</i>	BCH	B
Blackthorn	<i>Prunus spinosa</i>	PSP	B
Box	<i>Buxus</i> spp	BOX	B
Cedar of Lebanon	<i>Cedrus libani</i>	LCD	C
Common alder	<i>Alnus gultinosa</i>	CAR	B
Common lime	<i>Tilia europaea</i>	CLI	B
Common walnut	<i>Juglans regia</i>	JRE	B
Corsican pine	<i>Pinus nigra var maritima</i>	CP	C
Crab apple	<i>Malus sylvestris</i>	CAP	B
Crack willow	<i>Salix fragilis</i>	CWL	B
Douglas fir	<i>Pseudotsuga menziesii</i>	DF	C
Downy birch	<i>Betula pubescens</i>	PBI	B
Downy oak	<i>Quercus pubescens</i>	QPU	B
Elm	<i>Ulmus</i> spp	EM	B
English elm	<i>Ulmus procera</i>	EEM	B
European larch	<i>Larix decidua</i>	EL	C
European silver fir	<i>Abies alba</i>	ESF	C
Field maple	<i>Acer campestre</i>	FM	B
Goat willow	<i>Salix caprea</i>	GWL	B
Grand Fir	<i>Abies grandis</i>	GF	C
Grey alder	<i>Alnus incana</i>	GAR	B
Grey poplar	<i>Populus canescens</i>	GPO	B
Grey willow	<i>Salix cinerea</i>	SCI	B
Hawthorn species	<i>Crataegus</i> spp	HAW	B
Hazel	<i>Corylus avellana</i>	HAZ	B
Holly species	<i>Ilex</i> spp	HOL	B
Holm oak	<i>Quercus ilex</i>	QIL	B

Hornbeam	<i>Carpinus betulus</i>	HBM	B
Horse chestnut	<i>Aesculus hippocastanum</i>	HCH	B
Hybrid larch	<i>Larix x eurolepis</i>	HL	C
Hybrid poplar	<i>Populus serotina/trichocarpa</i>	PO	B
Italian alder	<i>Alnus cordata</i>	IAR	B
Japanese larch	<i>Larix kaempferi</i>	JL	C
Large-leaved lime	<i>Tilia platyphyllos</i>	LLI	B
Lawsons cypress	<i>Chamaecyparis lawsoniana</i>	LC	C
Leyland cypress	<i>Cupressocyparis leylandii</i>	LEC	C
Lime	<i>Tilia spp</i>	LI	B
Lodgepole pine	<i>Pinus contorta</i>	LP	C
London plane	<i>Platanus x acerifolia</i>	LPL	B
Mixed broadleaves		MB	B
Mixed conifers		MC	C
Monterey pine	<i>Pinus radiata</i>	RAP	C
Mountain pine	<i>Pinus uncinata</i>	MOP	C
Narrow-leafed ash	<i>Fraxinus angustifolia</i>	FAN	B
Noble fir	<i>Abies procera</i>	NF	C
Norway maple	<i>Acer platanoides</i>	NOM	B
Norway spruce	<i>Picea abies</i>	NS	C
Oak (robur/petraea)	<i>Quercus spp</i>	OK	B
Oriental beech	<i>Fagus orientalis</i>	FOR	B
Oriental spruce	<i>Picea orientalis</i>	ORS	C
other birches	<i>Betula spp</i>	XBI	B
other broadleaves		XB	B
other Cedar	<i>Cedrus spp</i>	XCD	C
other cherry spp	<i>Prunus spp</i>	XCH	B
other conifers		XC	C
other Eucalyptus	<i>Eucalyptus spp</i>	XEU	B
other firs (Abies)	<i>Abies spp</i>	XF	C
other larches	<i>Larix spp</i>	XL	C
other Nothofagus	<i>Nothofagus spp</i>	XNO	B
other oak spp	<i>Quercus spp</i>	XOK	B
other pines	<i>Pinus spp</i>	XP	C
other poplar spp	<i>Populus spp</i>	XPO	B

other spruces	<i>Picea</i> spp	XS	C
other walnut	<i>Juglans</i> spp	XWA	B
other willows	<i>Salix</i> spp	XWL	B
Pedunculate/common oak	<i>Quercus robur</i>	POK	B
Plane spp	<i>Platanus</i> spp	XPL	B
Rowan	<i>Sorbus aucuparia</i>	ROW	B
Scots pine	<i>Pinus sylvestris</i>	SP	C
Sessile oak	<i>Quercus petraea</i>	SOK	B
Silver birch	<i>Betula pendula</i>	SBI	B
Silver maple	<i>Acer saccharinum</i>	ASA	B
Sitka spruce	<i>Picea sitchensis</i>	SS	C
Small-leaved lime	<i>Tilia cordata</i>	SLI	B
Smooth-leaved elm	<i>Ulmus carpinifolia</i>	SEM	B
Sweet chestnut	<i>Castanea sativa</i>	SC	B
Sycamore	<i>Acer pseudoplatanus</i>	SY	B
Tulip tree	<i>Liriodendron tulipifera</i>	TUL	B
Turkey oak	<i>Quercus cerris</i>	QCE	B
Wellingtonia	<i>Sequoiadendron giganteum</i>	WSQ	C
Western hemlock	<i>Tsuga heterophylla</i>	WH	C
Western red cedar	<i>Thuja plicata</i>	RC	C
White willow	<i>Salix alba</i>	WWL	B
Whitebeam	<i>Sorbus aria</i>	WHI	B
Wild cherry/gean	<i>Prunus avium</i>	WCH	B
Wych elm	<i>Ulmus glabra</i>	WEM	B
Yew	<i>Taxus baccata</i>	YEW	C