



1.0 Summary of Proposals

The woodland serves as an important area within Central Region for recreation, heritage, conservation and landscape, as the Antonine Wall World Heritage runs horizontally across the forest's extent, it is associated with the John Muir recreational route, there are several priority habitats and species within the forest such as Great Crested Newts and Ancient Semi Natural Woodland, and there are some local landscape designations. Overall, the forest has a large area of broadleaves where the preferred management of these areas has been for conservation with large areas given over to Minimum Intervention and Natural Reserves. It is proposed to continue with these objectives, whilst also managing the forest for production, where this will largely be driven by tree health concerns over various larch species, which have necessitated a re-evaluation of the use of these species to succeed the current rotation. This new plan will synchronise the management approval for Barhill and Nethercroy into a single new 10-year plan, associated not only by their geographic proximity to each other but also due to their similar attributes such as lowland character and relatively fertile soils.

Table 1 - Woodland changes

Species/land use	Area (Ha) Current	Area (Ha) Year 10	Area (Ha) Year 20
Other broadleaves [^]	71.7	82.6	84.4
Native broadleaves*	14.2	13.4	12.6
Larch	10.3	3.2	3.1
Norway spruce	3.3	2.2	2.1
Other conifers	2.3	2.4	2.6
Scot's pine	1.7	1.6	1.6
Sitka spruce	1.0	0.3	0.3
Agricultural land	33.7	33.6	33.4
Open space	67.0	65.4	64.6
Total	205.1	204.7	204.7

* Native broadleaf area does not include Mixed broadleaves which are mostly also native species

[^] Other broadleaves include future areas where the suggested restock species is Mixed broadleaves to provide flexibility which however will very likely be native species when planted.

LMP Objectives

Future design needs to consider the woodland setting and Antonine Wall World Heritage Site within the local landscape area.

1. Maintain responsible access and use of the forests, including John Muir Way, Barhill Roman Camp, and military way.
2. Pre-emptively remove larch
3. Monitor and maintain priority habitats and species
4. Manage for production of high-quality timber at scale appropriate to the site.
5. Plan roads to access less accessible crops.
6. Continue to control invasive species



- Mitigate against excessive water runoff and pollution into the scheduled Clyde and Forth canal.

2.0 FCS Regulatory Requirements

2.1 Summary of planned operations

Table 2 - Summary of planned operations

Planned Operations	Area (Ha)
Clearfelling (afforested area)	10.34 Ha
Thinning	37.18 Ha
Restock (replanted area)	10.34 Ha
Road Construction	870 m

2.2 Proposed felling in years 2021-2031

Table 3 – Clearfelling Phase 1

Coupe No	Total Area (Ha)	Spp by Ha (Larch)	Spp by Ha (NS)	Spp by Ha (SS)	Spp by Ha (SP)	Spp by Ha (MC)	Spp by Ha (MB)	Open land by Ha
72006	10.34	6.18	0.76	0.67	0.01	0.01	0.00	3.05
Total	10.34	6.18	0.76	0.67	0.01	0.01	0.00	3.05

2.3 Proposed thinning in years 2021-2031

Table 4 – Thinning

Woodland species	Area (Ha)
Native broadleaves	69.21
Other broadleaves	621.47
Larch	12.59
Scots pine	0.58
SNorway spruce	1.33
Other conifers	2.01
Total	137.18



2.4 Proposed restocking in years 2021-2031

Table 5 - Future Habitats & Species First 10 Years

Coupe No	Total Area (Ha)	Spp by Ha (MB)	Open (Ha)	Year	Restock Method & Density (Restock/Nat Regen/Alt Area/Coppice/Open)	Monitoring Comments (including and reason not to restock)
72006	10.34	9.81	0.52	2024/25	Restock	SDA

2.5 Access and roading 2021-2031

Table 6 – Roading requirement First 10 years

Coupe No	Total Length (m)	Total Area (Ha)	Monitoring Comments
72006	870	0.52	Planned road

2.6 Departure from UKFS Guidelines

This LMP adheres to UKFS Guidelines.

2.6 Standards and guidance on which this LMP is based

This land management plan has been produced in accordance with a range of government and industry standards and guidance as well as recent research outputs. A full list of these standards and guidance can be found here:

<https://scotland.forestry.gov.uk/managing/plans-and-strategies/land-management-plans/links>